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BAXTER STATE PARK

JUN 10 1991

1990

ANNUAL REPORT



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BAXTER PARK AUTHORITY:

JAMES E. TIERNEY, Chairman
Attorney General

WILLIAM E. VAIL
Commissioner, Inland Fisheries and Wildlife

JOHN H. CASHWELL
Director, Maine Forest Service

Respectfully submitted:
IRVIN C. CAVERLY, JR.
Director, Baxter State Park
April 15, 1991

TO PROTECT AND PRESERVE

TABLE OF CONTENTS

- A. DIRECTOR'S INTRODUCTION
- B. OPERATIONAL HIGHLIGHTS AND OVERVIEW
 - I OVERVIEW
 - II PUBLIC RELATIONS
 - III SAFETY
 - IV NEW CONSTRUCTION
 - V MAINTENANCE
 - VI 1990 BSP VOLUNTEER PROGRAM
 - VII TRAINING
 - VIII SEARCH & RESCUE
 - IX LAW ENFORCEMENT
 - X SPECIAL ACTIVITIES
 - XI PROJECTION OF FUTURE PROJECTS 1991-92
 - XII APPENDIX
- C. SCIENTIFIC FOREST MANAGEMENT AREA
 - I FOREST ADMINISTRATION
 - II FOREST OPERATION
 - III ROAD MAINTENANCE
 - IV OTHER ACTIVITIES
 - V CONCLUSION
- D. INFORMATION EDUCATION
 - I PUBLIC PROGRAMS AND CONTACTS
 - II AGENCY REPRESENTATIVE
 - III PROFESSIONAL ENRICHMENT
 - IV RESERVATION DIVISION
 - V COOPERATION WITH THE SFMA
 - VI RESEARCH
 - a. PINE MARTIN PROJECT
 - b. ALPINE PLANT COMMUNITY STUDY
 - VII HISTORICAL
 - VIII AUTH/ADV MEETINGS
 - IX STAFF SUPPORT
 - X RESERVATION STATS
 - XI APPENDIX
- E. ADMINISTRATIVE SERVICES
 - I PERSONNEL CHANGES
 - II TRAINING
 - III CONTRACT SERVICES
 - IV SUPPLY
 - V BUDGET WORK PROGRAM 1990-91
 - VII STATISTICAL REPORT
 - VII CLASS DAYS (CLIMBING)
 - VIII PERSONNEL LISTING
 - a. ORGANIZATION CHART
 - b. YEAR ROUND
 - c. SEASONAL
- F. DIRECTOR'S CONCLUDING REMARKS

- G. APPENDIX
- I BSP STAFF AGENDA FOR WILDERNESS MANAGEMENT WORKSHOPS
 - II BSP ADVISORY SUBCOMMITTEES AND POLICIES
 - a. BSP AUTHORITY/ADVISORY COMMITTEE
 - b. STATEMENT OF PURPOSE
 - c. DONATION POLICY APPROVED AT 4/20 AUTHORITY MEETING
 - d. SFMA ADVISORY COMMITTEE
 - III COMMUNICATIONS COMMITTEE
 - IV SEARCH AND RESCUE TEAMS
 - V APPROVED GEORGIA-PACIFIC AGREEMENT FOR DOLBY LANDFILL
 - VI MACKWORTH ISLAND
 - a. MACKWORTH ISLAND PUBLIC TRUST ADVISORY BOARD
 - b. OVERVIEW TO TOM MORRISON RE MACKWORTH MEETINGS
 - VII POLICIES
 - VIII RALPH HEATH MEMORIAL FUND
 - IX 1990 INVENTORY OF CORRESPONDENCE

THE AUDIT REPORT IS NOT INCLUDED THIS YEAR AS IT WAS NOT AVAILABLE AS OF 3/29 WHEN THIS REPORT WENT TO THE PRINTER. A COPY WILL BE AVAILABLE AT PARK HEADQUARTERS.

A. DIRECTOR'S INTRODUCTION

DIRECTOR'S INTRODUCTION

The start of a new decade is always exciting and we see it as a challenge. During the ten-year period the preparation of five biennial budgets as well as work programs for each year offers us the opportunity to meet difficult inflationary periods as well as the good times. During 1990, the Baxter State Park team experienced some of its most difficult challenges in the areas of budget. The BSP Authority, Advisories, various committees and staff met on numerous occasions to discuss budget projections. On May 11, 1990 the Authority and Advisory met at Daicey Pond, reviewed the work that had been accomplished on the FY work program and approved that budget for FY 1991 in a timely manner. Our next objective was to start work on the biennial budget which had to be submitted to the budget officer by early October. Division staff worked with each other and we had our projections in order by August 27 when we met with the BSP Finance Committee in Chairman Steve Crockett's office at Fleet Bank in Augusta. The Baxter State Park Authority met at Kidney Pond on September 14. In addition to inspection of facilities, review of some investment policies, approval of revisions of the Statement of Purpose for the Advisory Committee and reports on West Gate activities, the Authority considered and approved the biennial budget for 1992-93.

Also at this meeting a historic motion was made, seconded and unanimously approved when the Baxter State Park Authority accepted the first donation to Baxter State Park under the guidelines of a policy decision made at the Baxter State Park Authority meeting of April 20, 1990 (see policy in Appendix of this report). Norma Bray, wife of Richard Bray of Orrington, Maine, presented a check to Director Buzz Caverly in the amount of \$1,200 to be deposited as the first entry to the donation account. Rick Bray, Richard's son, had served as the family coordinator for making this donation a reality. Robin, Willa and Candice Bray were also present at this occasion.

On May 11 the Baxter State Park Authority made the annual appointment to their Advisory Committee. Members re-appointed included Jane Thomas, Winn Robbins, Ben Townsend and Rupert White. Jim Garland and Ray Owen were appointed from Ad Hoc status. The size of the Committee was increased to 15 in number.

The SFMA Advisory experienced a change with the resignation of Winn Robbins and Jerry Bley. Replacement considerations are being made at the writing of this report.

On November 27 the Baxter State Park Authority reaffirmed their decision to close West Gate by unanimous vote. Both Bill Vail and John Cashwell stated they had not changed their minds. Mr. Tierney stated that he was the one who originally had asked that Buzz work with the local fishermen - to work something out with them during the months of May, June and September. Buzz had attempted to do that; there was not a workable solution to that

concept. Therefore, he voted to maintain a position of closure. The only gates Baxter Park will now staff for public access on the perimeter road will be Matagamon and Togue Pond. All vehicles entering the Park must comply with BSP rules and regulations.

During this year it became evident that a fee increase was appropriate in order to help support the operational costs of BSP. Baxter Park Staff, the Finance Committee and the Rules and Regulations Visitor Use Committee met on several occasions to consider proposals. Proposals resulting from these efforts were approved by the BSPA at their November 27 meeting in Room 124 of the State Office Building in Augusta.

We were fortunate this year to have Linda and Latona back at Daicey Pond as our Contractors. Hal and Jane Price were successful in their bid for Kidney Pond Camps and contributed much to completing renovations as identified with our management plan for the facility. All other contracts were successfully negotiated and fulfilled according to specs.

As illustrated within the contents of this report, each Administrative Division and all Park staff carried out their duties with direction, enthusiasm and professionalism. I am proud to work with each member of the team and am thankful for their support. A very special thanks to my immediate subordinates Chris Drew Chief Ranger, Operations Division, Roxanna McLean Secretary, Jensen Bissell Resource Manager, Division of Forestry and Jean Hoekwater Naturalist, Division of Reservation, Information and Education. Each performed above and beyond the call of duty as they could always be counted on for the extras I frequently called for.

Beth Austin resigned in September in order to start work for another agency in Augusta. Her accomplishments for BSP during the years of employment are appreciated and we wish her the best of luck in her new job.

Another historic vote by the Baxter State Park Authority this year was to implement a Carry-In, Carry-Out system for solid waste. Through our planning process we had initiated such a program in the back country several years ago which has been very successful. We were optimistic such a program could work Park wide and it did. With the exceptions of dumpsters located at Trout Brook Farm and Togue Pond, our Park is CARRY-IN, CARRY-OUT. Our thanks to all staff and support people who made this possible. A very special thanks to the Georgia-Pacific Corp. for allowing us to dump at Dolby Landfill materials returned from Park exit points via dumpster system, namely Togue Pond and Trout Brook Farm.

We were privileged to have been visited by several dignitaries, namely: Ben Kanza, Deputy Commissioner of Parks for the County of Tanzania; Willie Duke, Walter Jarck and John Rasor of the Atlanta office of Georgia-Pacific and Bill Irwin of Burlington,

NC. Each spent time with us in Baxter Park and contributed valuable exchange on Park management, forest management and resource protection. Bill and his guide dog Orient were an inspiration to all of us who spent time with him. We were honored and grateful for this opportunity.

Frequently within our ranks we find ourselves extended far beyond the management of Baxter State Park. The lands owned and managed by the Authority at Mt. Chase and Harpswell are a couple of examples. My appreciation to Jensen Bissell and Jean Hoekwater for their assistance in coordination and work at both of these parcels during 1990. Our efforts and progress will make both pieces of land better controlled and managed in the years to come. Public support and interest around the community made this responsibility an interesting and fun experience.

Mackworth Island is another example of what can be accomplished when people work together. In the form of LD 2221, the Legislature created the Mackworth Island Public Trust Advisory Board. The Director of Baxter State Park was named Chairman and has been privileged to work with some of Maine's finest citizens (see Committee listing in appendix; also Overview sent to Morrison and Fries). Again my thanks to Jean Hoekwater and Jensen for their professional input and support. Roxie McLean truly deserves the purple heart for her efforts and efficiency in keeping the minutes. Some of those meetings lasted for a full day and her workload was awesome. The Bureau of Public Lands and the Governor Baxter School will submit the plan to the Legislature.

Research is an important part of resource management and my thanks to the cooperative efforts of all involved in 1990 on such projects as the Caribou study, Pine Marten, plant, old growth, etc., specifically Mark McCollough, Dan Harrison and Donald Hudson.

We work closely with the State Audit Dept. and appreciate their efficiency in completing the Audit. As noted, the Capital Inventory reconciliation was not completed. Chief Ranger Chris Drew and Stores Clerk Rosemary James have been assigned the task of bringing it up to date and I am confident it will be complete by early spring according to Audit specifications. My thanks to Chris and Rosemary for their efforts.

This year, as in past years, any success we can elude to within our mandate is because of the tremendous support we receive from many people. The Volunteer Program, the Communications Committee, Advisories, professional and interested people all over Maine work closely with the Authority and Park staff to make our Park stand out and be successful. Governor Baxter expected this when he conveyed his gift and Maine people should expect no less, and in fact, are committed to this effort.

I want to comment briefly about a very special aspect of our operations which is sometimes taken for granted (RESERVATIONS). This year I asked Park Naturalist Jean Hoekwater if she would

take the management responsibility for the Reservation office. These duties would include budgeting, staffing, planning, policy review and regulations/information recommendations. She has accepted these duties and performed effectively.

Jan continues to supervise the day-to-day operations of the office and she and staff deserve a great deal of credit for their effectiveness in public service, accountability and professionalism. For years Jan and Joan have kept up with an impossible workload. Over 150 people visited our office on opening day January 2 and over \$59,000 was taken in for advance reservations in one day. Letters were backed up to the amount of 300, yet the work flow continued through the year with minimal interruption or public complaints. The pressures on these employees were extreme, they need help and they will get it in 1991. We have budgeted the extending of a 20-week Clerk II position to that of 40 weeks. My personal thanks to Jean, Jan and Joan for their continued efforts and effective results.

As the calendar ended this year, we learned that BSP Authority Chairman Jim Tierney would be leaving the Attorney General's office to pursue new goals. Our thanks to Jim for 10 years of dedicated service to Baxter Park. He took a personal interest and assured the best interest of Baxter Park on each issue as it came to him for consideration. To this Park Director, he was an outstanding supervisor, good counselor and dedicated friend. We will miss him, but hope he will frequently return to reminisce the past, discuss the future and hike some more happy trails in Baxter State Park.

It was a sad moment for us all on November 27 when we were advised by Authority member John Cashwell that he had been called to active duty because of the difficulty with the Persian Gulf. John is a dedicated Authority member and good friend. We wish him God speed and look forward to his return to the gavel as the new Chairman elect of the Baxter State Park Authority.

Bill Vail is Acting Chairman and I appreciate his support and advice. His style, as was Jim's, is not to micro-manage. He is always available for advice and offers constructive suggestions. We know our job, take it seriously and he allows us to do it. Thanks Bill for your help, support and friendship. Staff and I look forward to working with our new Attorney General Mike Carpenter and Acting Director of the Maine Forest Service Tom Doak.

Governor Baxter was clear in his Deeds of Trust on what the State's mandate was in managing these precious lands and resources which he gave to his native people. He trusted us as responsible people and was confident we would never let him or his gift down. WE WON'T! As another reminder, I have ordered new stationery with correct revisions and the words prominently printed across the bottom TO PRESERVE AND PROTECT.

B. OPERATIONAL HIGHLIGHTS AND OVERVIEW

I 1990 OPERATIONAL HIGHLIGHTS AND OVERVIEW

CHRIS M. DREW CHIEF RANGER
BARRY MACARTHUR, DISTRICT RANGER, NORTH DISTRICT
ROBERT HOWES, DISTRICT RANGER, SOUTH DISTRICT
PHILIP MCGLAULFIN, MAINTENANCE SUPERVISOR, MAINTENANCE DIVISION
JOHN HOWARD, COORDINATOR, VOLUNTEER PROGRAM

Personal contacts - 181,648 persons greeted inside Baxter State
Park
Total Personnel hours - 42,282 employee hours
Total Volunteer hours - 9,452 hours
Search and Rescue incidents - 30 incidents of record
Meetings attended - 63 meetings of record

The winter of 1989-90 was unique. The heavy blanket of snow was followed by severe cold. The average temperature the first month averaged 0 F. Snowmobile activity was affected by the "bottom-less" blanket of snow and subsequent slush conditions of lakes and ponds. A winter cross country ski trail was opened between Lost Pond and Foss Knowlton Pond.

There were 3 search and rescue incidents during the winter:

1. January 20, 1990 - Jeff Barton was transported from Baxter State Park to Abol Bridge due to a knee injury.
2. February 2, 1990 - A snowsled accident involving Chad Manual who received shoulder and facial injuries.
3. March 3, 1990 - Treated and transported Joel Irving from Chimney Pond to the Millinocket Regional Hospital. Joel suffered from a shoulder dislocation due to a skiing accident.

Major winter projects included:

1. Re-supply of requisitions and supplies to Chimney Pond, Russell Pond and Webster Lake.
2. Finish work on the interior of the Park Ranger housing project in T3,R10.
3. Finish work on the carpenter shop facility in Millinocket. This included installation of all electrical wiring and fixtures, the installation of metal interior siding and ceiling.
4. Re-painting of 5 miles of Park boundary line.

The spring, summer and fall were very wet. High water made stream crossings and canoeing dangerous. It was difficult to find good weather for painting and other maintenance projects. We had 3 snowstorms in May. The blackfly population in 1990 was low compared to the 1989 bumper crop.

There was 1 forest fire in Baxter State Park in 1990. On July 23, 1990 some campers suppressed and reported a fire at the

junction of the Wassataquoik Lake trail and the perimeter road. This fire was of human origin.

The Caribou for Maine Project re-introduced 20+ Caribou just east of Baxter State Park. These animals all fell to various forms of mortality as the summer and fall progressed. The Caribou Project was discontinued in the latter part of 1990.

There was a pine marten research study currently in place in operation in Baxter State Park in 1990. Numerous pine marten were live trapped during the fall of 1990 and are being monitored daily in their travel patterns. The pine marten crew of 2 is presently housed in the old Telos gatehouse.

Major summer and fall projects included:

1. Renovation of the entire Millinocket Headquarters heating system.
2. The removal of 4 underground fuel tanks at the Millinocket garage, Togue Pond, Nesowadnehunk Field and Trout Brook Farm.
3. Two above ground fuel tank installations at Abol Pit and Trout Brook Farm.
4. Twenty miles of the perimeter road between Trout Brook Farm the Telos gatehouse was cleared of bush.
5. The Foster Field dump was cleaned up with all wood debris being burned.
6. Four cabins at Kidney Pond were thoroughly renovated for rental in 1991.
7. The closure of the West Gate entrance, the old Nesowadnehunk Field entrance and the old Telos gate entrance was initiated.
8. Twenty-three miles of the Park perimeter road was re-surfaced. by the Dept. of Transportation.
9. The initiation of a more comprehensive carry-in, carry-out trash policy created a reduction of 55% of trash in 1990.
10. The campground bridge over Katahdin Stream was removed as of October 13-14, 1990 by the Maine Army National Guard.
11. Two unauthorized trails that were blazed and painted by public users were removed. These trails went to Frost Pond in T6,R9 and Twin Pond in T4,R9.
12. Sixty-nine+ cords of firewood were cut and stacked in BSP. The majority of the firewood comes from the SFMA.
13. The deteriorating Wassataquoik Stream bridge was removed in 1990 for safety reasons.

There were 30 recorded search and rescue missions in 1990. There was a mortality and serious burn injury as the result of a lightening strike on Pamola Peak of Mount Katahdin on August 27, 1990. Another life saving rescue was performed by Park staff who rescued 74 year old Helen Ciaravino who became a victim of hyperthermia on Mount Katahdin on the night of September 13, 1990. Several Rangers were recognized by Baxter State Park for exceptional search and rescue services rendered during the August 27, 1990 and September 13, 1990 search and rescue missions.

These Rangers are Esther Hendrickson and Christine Trefethen of Chimney Pond, Greg Hamer of Roaring Brook and "Mac" Browning of Katahdin Stream.

A considerable amount of time and planning were spent on the following issues:

1. Permanent closure of the West Gate.
2. The carry-in, carry-out policy.
3. Fee and day use procedures and recommendations.
4. Biennial and budget preparations.

There were major personnel changes in the Park organization structure with the 12% reduction of Park staff. These reductions include the Business Manager position, 2 Gatekeeper positions, 2 Laborer positions and 1 Campground Ranger position.

Bill Irwin, a blind Appalachian Trail through hiker, completed his history-making hike on November 21, 1990 with much fanfare and Park assistance.

Special recognition is given to the Maine Army National Guard (112th) and the Maine Forest Service for the major search and rescue missions required. These units were also invaluable in several training missions that directly benefited Baxter State Park logistically.

There were several nesting pairs of Peregrine Falcons inside Baxter State Park in 1990. We are hoping for an increase to the low Falcon population.

The Park carpenter facility was completed and fully operational in 1990.

The Volunteer Program in 1990 was a successful and fruitful program. A total of 201 Park volunteers devoted 9,452 hours. This is a valuable program that assists Park staff and the State of Maine in preserving Governor Baxter's "forever wild" Park.

The budworm damage infestation in Baxter State Park annually created numerous tree blowdowns in Park trails and roads. Constant patrols following heavy winds and storms is necessary to keep the roads and trails open for public use.

Baxter Park Rangers investigated and reported 9 automobile accidents in Baxter State Park. The most serious involved a vehicle that rolled over and submerged on July 19, 1990 in Nesowadnehunk Stream. The driver, who fortunately was not pinned inside the vehicle, was able to swim out of a broken window.

II PUBLIC RELATIONS

Baxter State Park personnel made 181,648 multiple contacts in

1990. Most contacts were made with campers, hikers, sightseers, fishermen, snowmobilers and other outdoor related activities. Park personnel were courteous and helpful to the public. Few complaints and many complements were directed to Park staff.

Camping groups had the opportunity to participate in various campfire type programs by Park staff and environmental professionals at Daicey Pond, Kidney Pond and Chimney Pond Campgrounds.

Most complaints in 1990 centered on poor road and trail conditions. Some complaints were directed toward toilet odors. Baxter State Park had an extensive re-surface program (23 miles) in 1990. The pit toilets at the Katahdin Stream Campground are slated for replacement by vault toilets in 1991-92 fiscal year. The spruce budworm damage makes for numerous trail blowdowns. Trail maintenance never ends.

The Chief Ranger gave the following public group speaking engagements in 1990:

1/27/90 Maine Snowmobile Association, Presque Isle
2/15/90 Norway-Paris Fish and Game Club
7/17/90 Katahdin High School, Sherman Station
9/5/90 Tri-County Search and Rescue Team, Houlton
9/8/90 F&W Hunter Safety Seminar, Brewer
9/26/90 Piscataquis County Fair Association, Dover-Foxcroft

Here is a sample of public comments left with Park staff at the Russell Pond Campground:

Great fishing!

Lousy fishing!

When are you going to fix the bridge? (Removed from Wassataquoik Stream 10/90)

How do you keep squirrels out of your food?

Can I leave my left-over food with you?

How many more days is it going to rain?

III SAFETY

Baxter State Park personnel initiated numerous safety orientated practices which include:

1. Meeting with Risk Management personnel concerning accident prevention and reporting.
2. Inspection of all motor vehicles for operational fire extinguishers and first aid kits.
3. Continual use of seat belts in all Park vehicles.
4. Discussion of safety concerns and employee injuries at Divisional meetings.

The following safety reports from the North and South Districts are:

NORTH DISTRICT

1. Checked bog bridges and the main bridge over Wassataquoik Stream to assure safe use for '90 season. Bridge will come out at end of season.
2. Checked gas lights and appliances to assure proper burning.
3. Checked fire equipment to assure serviceability.
4. Removed picnic tables that were not serviceable or repairable.
5. Removed dangerous trees from the various campgrounds.
6. Raked leaves and cleared debris away from buildings.
7. Closed the footbridge at Trout Brook until review by bridge engineers of DOT. Will make necessary repairs early in 1991 season.
8. One employee received back injury from a fall off a step ladder. After a few weeks off, he was able to return to work and is doing fine.

SOUTH DISTRICT

Safety involves many aspects of Park operations. Some of them include step replacement and/or repairs, replacing of fire extinguishers and chimneys were cleaned and inspected. Daicey and Kidney Ponds metal stove pipes are being replaced with metal-bestos as time and finances allow. Safety concerns were aired during fire training and trail crew orientation. The continuation of replacing 2 gas stoves and 2 gas refrigerators annually will ensure safe living conditions. Chainsaw and lawnmower safety was addressed as employees used them. Routine checking of fire equipment for readiness and use is done on a seasonal basis.

IV NEW CONSTRUCTION

NORTH DISTRICT

1. Installation of 2000-gallon fuel installation at Trout Brook Farm.
2. Built 2 new picnic shelters: 1 at Trout Brook Crossing, 1 at Matagamon Landing.
3. Construction of a new workshop/storage facility at Russell Pond to replace the old asbestos floor covered workshop.
4. Built 2 new toilets at Russell Pond for campers at lean-tos #1 and #2.
5. Built 5 new picnic tables.

SOUTH DISTRICT

6. Installed a skylight in the Roaring Brook Campground.
7. Built a new replacement lean-to at Katahdin Stream.
8. Built a footbridge across the Katahdin Stream Dam.
9. Installed a double vault toilet at Daicey Pond.
10. Built a new outhouse of Camp OJI at Kidney Pond.

PARK HEADQUARTERS

11. Completion of the carpenter shop at the Support Services building.

V MAINTENANCE

Baxter State Park personnel were active maintaining Park resources and structures in 1990.

MILLINOCKET MAINTENANCE DIVISION REPORT - 1990

Maintenance Supervisor - Philip McGlaufflin
Park Mechanic - Timothy Sides

A. Administration and Research

1. Designed a wiring plan for carpenter shop.
2. Repaired flushes and other plumbing fixtures in all BSP buildings.
3. Cleaned up water damages in Headquarters office from a broken furnace pipe.
4. Worked with heating contractor on a re-design of heating system and audited bills owed from BPI.
5. Completion of a background report to Director on Headquarters heating system.
6. Had all outside locks changed on Headquarters building. Had keys made and issued out.
7. Attended driver school in Houlton for renewal of Class I drivers' license.
8. Researched security alarms for Headquarters building.
9. Compiled a list of surplus items for auction; helped load on truck for the Augusta auction.
10. Compiled prices on remodeling mechanic shop, sheathing wall and ceiling, rewiring.
11. Designed a wiring plan for mechanic shop.

B. General Maintenance

1. Plowed and sanded yards and walks all winter.
2. Serviced many lights in BSP buildings, changing bulbs, washing fixtures and making electrical repairs.
3. Made field trip to Kidney Pond and inspected camp that needed repair.
4. Worked on Director's radio antenna, installed ski racks.
5. Took down Headquarters' sign and put in shop for painting.
6. Fired and serviced wood furnaces all winter.
7. Moved some electrical wiring in warehouse cellar away from heat pipes.
8. Rewired ceiling lights and moved them around in mechanic shop tool room.
9. Worked on spring clean up of yards, hauled sawdust from

- woodpile, put up handicap access signs, raked lawns.
10. Installed a new radio antenna cable from two-way radio tower to reservation desk.
 11. Unhooked gasoline pump at garage, worked with DOT in the removal of a 2,000 gallon tank at the garage yard.

C. General Maintenance

12. Installed a water heater in Nesowadnehunk Field Ranger's camp.
13. Made plumbing repair on SFMA camp, toured cutting project.
14. Moved gas lighting to another location in SFMA crew camp.
15. Cleaned out pole barn, piled lumber, unloaded propane tanks and stored in the propane gas shed.

D. Garage Projects

1. Relocated all power tools into new carpenter shop, wired them up to new service.
2. Made up a conduit and receptacle for Chimney Pond solar system.
3. Replaced interrupter switch on band saw.
4. Made up power cord for DC welder to adapt to our electrical system.
5. Repaired lights and other electrical equipment in shop all year.
6. Moved stock supplies out of supply room in old carpenter shop and relocated the stock into new shop.
7. Moved furniture out of old office in mechanic shop and relocated into new mechanic office.
8. Purchased a used paint shaker for shop, cleaned up and rewired for operational use.
9. Moved two-way radio from old mechanic shop office to the new mechanic office.
10. Replaced clutch in 1290 case tractor.
11. Installed new vehicle hoist in mechanic shop, took out old hoist and repaired shop floor at the old hoist site.
12. Wired receptacle for the new vehicle hoist.
13. Cleaned ceiling fan in mechanic shop.
14. Did an extensive repair job to shop wood furnace, damper system and fire wall baffle.
15. Started extensive work on 580 case backhoe (damaged rear end).
16. Painted and repaired Director's snowsled trailer.
17. Cleaned stock room, put shipments of new stock on shelving throughout year.

E. Building Construction and Repair, Grounds Maintenance

1. Insulated walls and ceiling in new carpenter shop.
2. Installed heating duct from mechanic shop into new carpenter shop.

3. Built deck over one end of the carpenter shop.
4. Covered four walls and ceiling with white metal in carpenter shop.
5. Wired entire carpenter shop with conduit. Installed new breaker panel and installed timeline fluorescent lights, exhaust fan, ceiling fan and electric door opener.
6. Installed rain gutters on new carpenter shop, made some repairs to gutters on mechanic shop.
7. Helped install the air-conditioning system in the Headquarters building. Worked on some electrical circuits that did not work properly.
8. Cemented the door threshold between mechanic shop and new carpenter shop.
9. Repaired garage fencing.
10. Installed two night security lights on warehouse and carpenter shop.
11. Installed new prefab chimney for oil furnace in mechanic shop.
12. Wired on outdoor receptacle and switch for a heat tape for the office entrance gutter.
13. Made brackets and repaired back overhead garage door. Installed new rails for garage door.
14. The breakdown of vehicle and equipment repairs are as follows:

Battery Replacement/Recharge.	No.	6	new
Body Repair/Painting.	No.	33	veh.
Brake Repair.	No.	24	"
Canoe/Boat Repair	No.	-	
Chain Saw Repair.	No.	3	
Clutch Repair	No.	2	
Electrical Repair	No.	39	
Exhaust System Repair	No.	8	"
Front End Repair.	No.	35	
Generator Repair.	No.	1	
Motor Repair (incl. valves)	No.	2	
New Tires installed	No.	32	
Outboard Repair	No.	-	
Rear End Repair	No.	16	
Road calls for Park Equipment	No.	5	"
Snowsled Repair	No.	1	
State Vehicle Inspection.	No.	31	
Tires Repaired.	No.	17	
Tune ups.	No.	17	
Universal Joint Repair.	No.	6	
Vehicles Serviced (grease, oil)	No.	106	
Water pump Repair	No.	1	"
Window Replacement.	No.	1	
Pressure Washed	No.	22	

Baxter State Park Trail Maintenance

END OF SEASON REPORT 1990
LESTER C. KENWAY
TRAIL CREW SUPERVISOR
NOVEMBER 12, 1990

STATISTICS:

	<u>Hours</u>	<u>Percent</u>
Field Work.	655	69%
Office.	125	13%
Support Services.	166	18%
Total	946	100%

Foot Patrol 178 mi.

Vehicle Travel
943-002. 1,260 mi.
943-007. 3,235 mi.
Total 4,495 mi.

Trail Inspected 40 mi.
Cleared of Blowdowns. 105 mi.
Cleared of Brush. 18 mi.
Blazed. 5 mi.

Treadway Projects 9
Bridge Projects 5

Total Crew hours spent on
on trail work:

Trail Crew Staff:

Leader	392	Gary Stillman-Crew Leader
Assistant Leader	346	SCA-Lakshmi Sadasiv, Wakefield, RI
SCA	2,472	SCA-David Brown, Great Falls, VA
Sierra Club	576	SCA-Larissa Kogan, Norman, OK
Buck Volunteers	120	SCA-Jennifer Hughes, Williamsburg, VA
Chaitanya York & Co.	48	SCA-Caitlin Morse, LaFayette, NY
Frank Trautmann	11	SCA-Elizabeth Wilson, Littleton, COL.
John Neff & Co.	45	SCA-William Snow, Anniston, AL
Pam Prah	40	SCA-Deborah Greene, England
Steve Crowe	40	SCA-Erik Valdes-Boulder, COL
Fowler Pond Vol.	<u>40</u>	
Total	4,140	

SCA Hours by category:

	Hours	Percent
Trail Work	1,977	54%
Business Travel	99	3%
Hiking to/from work sites	495	13%
Mountain Patrol	492	13%
Other Projects	<u>625</u>	<u>17%</u>
	3,688	100%

Trails Inspected:

Chimney Pond Trail	So. Turner Mtn.
Saddle	Sandy Stream Pond
Dudley	Russell Pond
Knife Edge	Wassataquoik Stream
Hamlin Ridge (in part)	Howe Brook (in part)
Grassy Pond (in part)	Pogy Notch (in part)
Appalachian Trail (in part)	Freeze Out
Sentinel Link	Littlefield Pond (in part)
OJI Link	Marston
OJI South Slide	Mt. Coe

Trails Cleared of Blowdowns:

Rocky Pond	Grassy Pond (Ives)
Wassataquoik Stream	Sentinel Mtn.
NW Basin (Curran/Sheltnire/Sierra)	Lily Pad Pond
N. Peaks (Curran)	Windy Pitch Pond
Wassataquoik Lake (Curran)	Celia & Jackson (Hal)
Pogy Notch (Curran/Sheltnire/SCA)	Little Beaver Pond
Marston	Polly Pond
Mt. Coe	Kidney Pond Outlet
OJI South Slide	Draper Pond
OJI North Slide	Doubletop Mtn.
OJI Link	Webster Lake
The Owl (Neff/MATC)	Freeze Out (Drew/SCA)
Appalachian TRail (Trautmann)	Fowler Brook (Vol.)
	High & Long Pond (Vol.)
	Littlefield Pond (Vol.)

Trails Cleared of Brush:

Wassataquoik Stream (in part)	Daicey Pond Nature
NW Basin (in part by Sierra)	Pogy Notch (in part)
N Peaks (in part by Sierra)	OJI South Slide
Russell Pond (in part)	Saddle
Grand Falls (Sierra)	Hamlin Ridge
Kidney Pond Outlet	Chimney Pond (in part)

Trails Blazed:

South Turner Mt.
Grassy Pond (in part)
OJI South Slide

Treadway Projects:

1. Hunt Trail: We continued work on the last 1/4 mile section of the Hunt Trail near Baxter Peak. Severe soil erosion has required building numerous rock steps and rock waterbars in this area. We added 133 steps and 6 waterbars this season. We were blessed with a lot of good weather and a good crew. We accomplished nearly 3 times the amount of work that we did in 1989 on this project. The "Tramway" continued to make the job easier. We have patched up the worst above treeline sections on this trail so we should finish the summit area next year.
2. Chimney Pond Trail. We replaced 2 very old split log bridges with step stones near Basin Pond. Apparently the cedar logs had been in place for more than 20 years. The granite blocks (some weigh close to 3 tons) will probably be in place for 20 centuries.
3. Chimney Pond Trail. We built 2 rock steps with small gravel terraces on the approach to the Ranger station.
4. Chimney Pond Trail. We repaired a severely eroded section of trail 1/4 mile below half-way rock. Thirty-three rock steps were installed, along with 4 rock waterbars, and a 20' drainage ditch. There are 2 or 3 more sections on this trail that need similar rebuilding.
5. Russell Pond Campground. We installed 7 rock steps to control erosion on the path to the Canoe Dock.
6. Russell Pond Trail. We built an 800 ft. long relocation to avoid some persistent bogs and side hill seepage near the jct. with the Wassataquoik Stream Trail. The trail was carefully laid out at a maximum grade of 5% and cut into the hill with hand tools with a 10% outslope. The goal of this effort was to provide a long-term dry, stable footpath that would not rely on wooden bridges. The completed project was not well received by several members of the staff and some Park visitors. I believe that the appearance of the trail will improve as it re-grows. I feel that this method of trail construction could be applied at numerous locations in the Park to reduce our long range maintenance requirements and provide better trails.
7. Russell Pond Trail. Fifty-five ft. of Bog Bridge was installed 1/4 mile south of Half-way rock.
8. Wassataquoik Stream Trail. Eighty ft. of Bog Bridge was installed 1/2 mi. north of the trail junction with the Russell Pond Trail. More bridge is needed in this area.
9. Grassy Pond Trail. Three hundred ft. of Bog Bridge was installed on the new segment of trail that leads to the east side of the new Grassy Pond Bridge. We need to build/rebuild about 500 more feet of bridging to put this trail in shape.

Bridge Projects:

1. Russell Pond Trail. Roaring Brook Bridge - The Bridge was completely rebuilt, using the old stringer. The old stringers were covered with asphalt, a new deck was

installed (70 ft.), new approach ramps and a new handrail. We should get many more years from this busy bridge.

2. Wassataquoik Stream Trail. A completely new span was installed over Turner Brook at the crossing below New City. The new span measures 28 feet. The second span will need to be replaced soon.
3. Grassy Pond Trail. We finished and opened a new Bridge over Katahdin Stream at the outlet of Grassy Pond. This bridge required 6 weeks and over 2000 hours of labor to complete during the last 3 seasons. The two spans measure a total of 85 feet. Hopefully it is designed to withstand a flood similar to that of 1987. Hikers no longer need to scramble over the dry-ky at the outlet.
4. & 5. Appalachian Trail. The bridges at Tracy Pond and Elbow Pond deteriorated to the point of being unsafe and were removed. It may be desirable to put a simpler bridge at Tracy Pond in the future.

Conclusion:

1990 was a productive season on the trails. Our loss of SCA positions affected our ability to help with campground work and Mountain Patrol (47 days covered in '90), but we kept a good crew going on trails all summer. One volunteer transferred to maintenance work, but everyone stayed all summer (only the 2nd time this has worked out).

Due to the additional volunteer help we had this summer, we counted 4130 hours of trail work (15% increase over 1989). I am grateful for the continued SCA program. These young people continue to do the majority of our work and are able to do a lot of very difficult projects for us.

I appreciate the help and support of Bob Howes and Chris Drew during the past season. Chris' efforts to discover new volunteers for trail work has the potential to improve our maintenance capability and free up the summer crew for labor intensive erosion control and resource rehabilitation projects. This type of volunteer growth could be critical as we find it increasingly more difficult to counter the affects of the thousands of hikers who visit Katahdin each year. I like to think that our trail efforts are improving.

Here is the summary of volunteer trail workers at Baxter State Park during the 1990 season.

The following people volunteered on trails in the Russell Pond area with the Sierra Club. These people contributed a minimum of 35 hours work clearing brush on the trails.

Susan K. Anderson
23 Saint Lukes Place
Montclair, NJ 07042

Robert Bennett
117 Dallas Ave.
Newark, DE 19711-5125

Keith Cooper
258 Emerson Lane
Berkley Heights, NJ 07922

Roberta E. Dobbs
Box 119 Bear Creek Rd. N
Fort Payne, AL 35967

Jeff Hartman
548 Downer St. Apt. 2
Westfield, NJ 07090

Leah Himmelbert
7774 Sawyer Brown
Nashville, TN 37221

Astrid Homan
RR2 Box 3008-L4
Hinnsburg, VT 05461

Rachel Jakubovitz
788 Hillside Rd.
Rahway, NJ 07065

Denna Kastner
Box 375
Bushkill, PA 18324

Debbie Noble
Box 381
Manchester, WA 98353

Joanne Sfekas
1211 Southview Rd.
Baltimore, MD 21218

Scott J. Whitcomb
21 Shirley Rd.
Lynn, MA 01904

Kathryn Deist
313 Old Cambridge Rd.
Malvern, PA 19320

Alison Fishwick
Box 583
Neshanic Station, NH 08853

Nancy S. Hill
210 Kelso St.
Harrisburg, PA 17111

Carol Hoelle
2552 Kelton Ave
Los Angeles, CA 90064

Brian Iwatake
108-F Michael Rd.
New London, CT 06320

Daniel Kary
RFD 2 Box 580
Greene, ME 04236-9802

Martha Lawrence
RFD 2 Box 580
Greene, ME 04236-9802

Jessie Salminen
44 Turpin St.
Rochester, NY 14621

Matthew Terribile
Box 514
Savgerties, NY 12477

Paul W. Wissler
Box 230
Lititz, PA 17543

The next group of people listed below contributed 30 hours of volunteer work clearing brush on the Pogy Notch trail under the leadership of Laurie Buck.

Linda G. Allen
38 Brewster Woods
Brewster, NY 10509

Charlie Coolidge
249 W 29th St.
New York, NY 10001

John M. Soirinen
89 Steele Rd.
W. Hartford, CT 06119

Laurie Buck
108 Juniper Dr.
Ithica, NY 14850

Ralph Keasevec
587 Clearview Ave.
Wheeling, WV 26003

The following group of people worked along side the Trail Crew on a variety of projects. Steve and Pam helped build rock steps on the Hunt Trail (40 hours), Elsa helped with erosion control on the Chimney Pond trail, as well as repairing tents and packs for us (50 hours+) and Tom helped clear trail in North District (30 hours).

Stephen L. Crowe
4 Sargent St.
Cherry Valley, MA 01611

Pam Prah
622 Churchill Ave.
Pittsburg, PA 15233

Elsa Sanborn
Box 8087
Bangor, ME 04401

Thomas A. Wallis
210 N. Western Dr.
Morgantown, NC 28655

This final list of people helped clear the OJI Trail this past fall. It was only an 8 hour project, but I knew you would want to know about their participation.

Glenn Buckingham
7 Thomas St. Box 5028
Camden, ME 04843

Alan Day
RFD 1 Box 1260
So. Paris, ME 04281

David Hilton
RR 2 Box 1423
New Gloucester, ME 04260

Charles L. Hudson
Box 32
Mt. Vernon, ME 04352

Donald Mullen
82 Greenleaf Parsons Rd.
Cape Neddick, ME 03902

Chaitanya E. York
Box 3650 RFD River Rd.
W. Leeds, ME 04263

It was a fine year for volunteers on the Park trails. Thirty-seven individuals in all. There is a good chance that many of them will return next year too!

V CAMPGROUND MAINTENANCE PROJECTS

SOUTH DISTRICT

CHIMNEY POND - (CR-Esther Hendrickson, ACR-Christine Trefethen)

1. Replaced torn/missing shingles on main camp from wind damages.
2. Installed new windows in bunkhouse, tore off and replaced board and batten siding on the bunkhouse.
3. Scraped and painted inside of men's single toilet and women's single toilet.
4. Left side of women's double toilet scraped and painted.
5. Scraped and stained outside of all outhouses.
6. Scraped and stained lean-tos 4, 5, 8.
7. Made new informational signs for office porch, bunkhouse bulletin board, lean-tos and outhouses.

8. Polyurethaned inside and painted outside of bunkhouse window frames.
9. Put lean-to #3 back on its block foundation.
10. Replaced rotten boards on back of lean-to #2.
11. Scraped and painted bunkhouse floor.
12. Fixed major leaks in waterline from Cathedral Pond to Chimney Pond.
13. Cleaned blowdowns off campground trails and Chimney Pond Trail to Basin Pond and Saddle Trail.
14. Sawed wood slabs in half and stacked them behind bunkhouse for the winter season.
15. Sawed, split and stacked 4 cords+ hardwood in front of Ranger camp.
16. Built a counter for people to cook on in bunkhouse.
17. Installed new refrigerator in crew camp.
18. Replaced rotten trimboard on office porch.
19. Cleaned blowdowns off Northwest Basin Trail to Davis Pond.
20. Stained fence/sign post outside the campground office.
21. Levelled single women's and Ranger outhouses.
22. Put batten siding on the Ranger camp.
23. Rock and graveled part of campground trail and in front of lean-to #3, 5, 7, 8, 9.
24. Scraped and painted flagpole and support.
25. Scraped and stained fire shed.
26. Replaced old parts on old Coleman stoves.
27. Painted green trim on bunkhouse.
28. Stained 3 walls of bunkhouse.
29. Re-stained and painted informational signs in campground.
30. Re-shingled roof of entry of crew camp.
31. Repaired and re-hinge broken shelf in bunkhouse.
32. Caulked around windows on main camps.
33. Repaired two gas lights.
34. Built composting bin.
35. Paneled inside office porch.
36. Shoveled dirt out from under the Ranger's camp where it was building up to sills.
37. Brushed in areas of pond where people sit on the vegetation.
38. Shoveled out all the pit outhouses.
39. Put roofing tar under leaky shingles on lean-to #5.
40. Caulked cracks in boards on crew camp.
41. Cut up old scrap wood for kindling.
42. Repaired screendoor on office porch.
43. Cleared blowdowns off North Basin and North Basin cut-off trails.
44. Made plexiglas window for office porch.
45. Repaired/made new window covers as needed.
46. Coated floors of lean-tos #2 and #7 and the work shop with clear wood preservative.
47. Started taking apart one small part of the old dump.
48. Blackened bunkhouse stove and cleaned stovepipe and chimney.
49. Routine opening and closing of campground.
 - A. Hooking up and draining of waterline.
 - B. Taking off and installation of storm shutters.

DAICEY POND - (Caretakers-Linda Ives, Latona Torrey)

1. Built new steps for 2 cabins.
2. Installed 8 metalbestos chimneys.
3. Built new platform entrance to the tool shed.
4. Removal of brush, blowdowns and trees close to cabins.
5. Staining of tables, bumper logs, signs and posts, stops, steps.
6. Clearing and cleaning of Grassy, Lost Ponds and Daicey Pond nature trail.
7. Cleared trees for new outhouse site.
8. Seventeen cords firewood cut, split and stacked in woodshed.
9. Stained 4 outhouses and cabin.
10. Replaced 4 roofs on cabins and outhouses.
11. Escorted log truck from West Gate to Daicey Pond.
12. Removed old outhouse and landscaped area.
13. Replaced fiberglass skylight in toolshed.
14. Hauled logs from Togue Pond for repairs.
15. Hung new signs in campground.
16. Squared and hung door on York's original camp.
17. Replaced fireplaces.
18. Replaced maul and ax handles.
19. Replaced 28 treads on Sentinel Bridge.
20. Replaced bumper logs in day-use parking lot with rocks.
21. Shoveled out outhouses.
22. Picked up and returned woodsplitter from John Rhonda in East Millinocket for splitting of next seasons firewood.
23. Filled and placed 2 1/2 gals. fire extinguishers in all cabins.
24. Logs replaced in gable end of Rangers cabin.

KIDNEY POND - (Caretakers-Harold Price, Jane Price)

1. Blackened all stoves.
2. Removed blowdowns from Kidney road, Lily road, Celia, Jackson and Rocky Ponds trails.
3. Stained, painted picnic tables, porches, signs and posts, tools, etc.
4. Filled and placed 2 1/2 gal. fire extinguishers in all cabins.
5. Repairs to picnic tables, steps.
6. Inventory of kitchen and workshop tools.
7. Cleaned BBQ pits and installed new grills.
8. Put seasonal public canoe wharf in water.
9. Serviced, sharpened blades of mowers.
10. Removed shrubs and bushes from within 6 feet of several buildings.
11. Posted carry-in, carry-out signs.
12. Replaced door latches and screens as needed.
13. Replaced canoe locks at Windy Pitch and Draper Ponds.
14. Restructured parking spaces and re-surfaced lot with gravel.
15. Re-organized loft storage area of garage.

16. Placed extra screens and windows in storage.
17. Repaired, replaced propane gasolines on four cabins.
18. Assisted volunteers of Violette crew on Camp Nick.
19. Transplanted lilac bushes at the main lodge.
20. Repaired, replaced roof boards and re-shingled cabins.
21. Installed 3 metalbestos chimneys in cabins.
22. Hauled gravel and loam, spread and re-seeded areas where 3 cabins once stood.
23. Stained parts of several camps.
24. Cut, split, stacked 15 cords of wood.
25. Jacked, leveled, replaced sill logs and porch on Marion cabin.
26. Replaced sill logs and porch on Marion cabin.
27. Jacked, leveled, replaced step and installed center sill on Camp Lila.
28. Removed shed ends from Wausus cabin, installed new steps front and back.
29. Replaced stovepipe in camps as needed.
30. Replaced porch rails on camps as needed.
31. Moved Camp Rudderow.
32. Replaced sill log on office, jacket and leveled.
33. Removed old bathroom from office and replaced with open deck constructed new entrance door for rear of building.

The Maine Conservation Corp (MCC) had an 8-week work program at Kidney Pond in 1990. Crew members were:

Thomas Bradbury - Project Leader - Mars Hill, ME	
Ken Cannel - So. Portland, ME	Forest Seale, Elliotsville, ME
John Fletcher - Windham, ME	Laura Seale, Elliotsville, ME
Dallas Pease, Portland, ME	

This crew was very helpful in the Kidney Pond project.

NESOWADNEHUNK FIELD - (Joseph Cushman-Campground Ranger May, June
Bruce White-Acting Campground Ranger July-October)

1. Repaired waterline that feeds the campground and cabins.
2. Cleared campground and perimeter road of blowdowns.
3. Repaired doors on several outhouses.
4. Cut railing poles and installed in walk-in area.
5. Repaired picnic tables, painted several.
6. Mowed lawns.
7. Scraped and painted 3 outhouses inside and outside.
8. Stained signs and posts, lean-tos, parts of camps.
9. Dismantled old gas shed.
10. Dug out old gas tank and moved to pit area.
11. Replaced several fireplaces and built 7 fireplace cribs.
12. Cut brush from around toilets and lean-tos at campground, Slide Dam, Ledge Falls and West Gate.
13. Hauled propane tanks from Millinocket.
14. Transported lawn mower to Trout Brook for repairs.

15. Installed new bulletin board.
16. Placed rocks in day-use parking lot and 2 campsites.
17. Cut, split and piled firewood (5 cords).
18. Scraped and painted new flagpole.
19. Shoveled out 4 pit toilets.
20. Cut and split 2 loads of wood for Telos Camp.
21. Assisted in cutting and splitting firewood for garage complex.

TOGUE POND GATE-CAMPS-BEACH - (Gatekeepers Leslie Gordon, Coleen

Moore, Ulric Turmel, Amy Gumprecht, Jodi Tucker)

1. Staining of signs, posts, outhouses, pole barn, gas shed snowsled shed, ticket booth screens and windows, picnic tables.
2. Mowed lawns.
3. Cut brush along roadside.
4. Anchored toilet risers.
5. Planted 150 white and red pines in restoration areas.
6. Togue Pond point was loamed by Volunteers for Peace - area seeded, limed and fertilized - a major project.
7. Routine litter patrol - beach maintenance.
8. Cut, split, stack 11 cords wood.
9. Re-shingled Togue Pond gatehouse.

ABOL-ABOL BEACH - (CR1 Brian Johnston)

1. Relocated toilet and tank from Abol Field to Park Ranger quarters on Kidney Pond road.
2. Built 5 fireplace cribs.
3. Installed 9 jr. paper dispensers in toilets.
4. Raked and removed several loads of leaves.
5. Jacked, leveled and blocked lean-tos.
6. Installed rocks and bark for site definition.
7. Brushed and blazed Little Abol Falls trails.
8. Removed 2 old toilets and filled in old toilet sites.
9. Painted, lettered numerous signs and installed them.
10. Stained shelters at campground and beach areas plus several picnic tables.
11. Polyurethaned inside and stained toilets at Abol Campground and Abol Beach.
12. Assisted Dept. of Transportation reset culverts on the perimeter road.
13. Cribbed some sites with rocks.
14. Stripped, replaced rotten boards - shingled Abol Ranger camp and office.

KATAHDIN STREAM-FOSTER FIELD (CR1-Mac Browning, ACR-John Horton)

1. Replaced and painted all signs and bumper logs in Katahdin Stream parking lot.
2. Stained 7 picnic tables.
3. Removed 1 lean-to and landscaped area.
4. Replaced windows in bunkhouse.
5. Re-designed tent areas and landscaped.
6. Replaced flagpole/cement footer.
7. Cribbed several picnic shelters.
8. Replaced all signs on all sites.
9. Replaced new walking bridge across dam and installed railings.
10. Replaced outhouses with jr. roll units of toilet paper holders.
11. Placed canoes in Grassy Pond.
12. Built drop-off box for canoe rental money.
13. Built informational billboard in parking lot and landscaped.
14. Moved hiking register to parking lot.
15. Removed hazardous tree in front of office.
16. Cut log materials for repair work.
17. Painted parts of Ranger station, flagpole and porches.
18. Placed boulders around lean-to and tent areas.
19. Replaced screening on bunkhouse and Ranger station.
20. Cut, split, hauled 3 cords of firewood.
21. Cleaned all chimneys.
22. Jacked, blocked 3 lean-tos.
23. Replaced floor joists on 2 lean-tos.
24. Re-shingled 2 lean-tos.
25. Installed a new footbridge with railings across Katahdin Stream.
26. Relocated a new lean-to.
27. Replaced outhouse and tank for the DOT cabin.

ROARING BROOK-AVALANCHE FIELD - (CR1-Greg Hamer, ACR-Scot Fisher)

1. Painted bunkhouse floor and steps.
2. Cleaned all ditches in campground.
3. Cleared blowdowns along nature trail.
4. Replaced all sign posts and put up new signs.
5. Stained signs, posts, fence, picnic tables, painted flagpole.
6. Lettered signs.
7. Repaired, rebuilt several picnic tables.
8. Tore out 2 old outhouses.
9. Modest ground restoration projects throughout campground.
10. Replaced screen door for crew camp.
11. Mowed lawns.
12. Stained garage and chemical buildings.
13. Filled holes in campground road and parking lots.
14. Replaced screens as needed.
15. Hauled propane gas cylinders to and from Millinocket.
16. Re-shingled bunkhouse roof.
17. Cut, split, hauled 3 cords wood.

18. Cut 7' wood to be flown to Chimney Pond.
19. Assisted in cutting, splitting, stacking wood at support services building.
20. Assisted Lester Kenway with cutting of logs for Sandy Stream walkways.
21. Replaced and built additional shelves for garage.
22. Replaced saw horses.
23. Installed 2 floors outdoor toilets.
24. Installed a new floor in the storage building.
25. Built a mouse proof case for fire equipment and other supplies.
26. Reconstructed the walkway to the wash area.
27. Built a skylight for the workshop.

SOUTH DISTRICT

Maintenance Ranger - Albert Rickards

1. Construction of carpentry shop at Millinocket.
2. New cover for skylight at Abol.
3. Installed 1x3 strapping on wall of new carpentry shop.
4. Insulated walls of carpentry shop.
5. Built deck over tool room in carpenter shop.
6. Cut and installed F&J channel molding at carpenter shop.
7. Installed metal ceiling panels.
8. Installed and mounted overhead door.
9. Installed metal panels on walls of shop.
10. Worked on wiring of carpenter shop, hooked up large electrical conduit from subfeed entrance to new entrance in carpentry shop.
11. Cut and installed extension jams on exterior door.
12. Fastened up lights to ceiling in new carpenter shop.
13. Installed new exhaust fan in carpenter shop.
14. Designed and built 2-wheel chair ramps for the Millinocket reservation office.
15. Installed plywood paneling on tool room walls.
16. Installed new doorway through between garage and carpenter shop.
17. Installed EMT and electric junction boxes on walls of carpenter shop.
18. Installed all trim work around doors and windows in the carpenter shop.
19. Put new door in tool room of carpenter shop.
20. Made angle iron brackets for wall lights.
21. Cut and installed 20' of metal angle iron across top edge of storage deck.
22. Installed lights over work bench.
23. Completed metal construction of eave prefabrication.
24. Installed heat duct system from garage to carpenter shop.
25. Installed gutter and down spout system in garage.
26. Built sign-out box for Abol fuel depot.
27. Installed 6 new windows in Chimney Pond bunkhouse.
28. Built 2 x 6 wall in Forester office, framed for small window

- and air conditioner.
29. Assisted Frank Trautman on construction of outhouse at Daicey Pond.
 30. Made extension for new screens for Nesowadnehunk Ranger camp.
 31. Framed out and installed 4 air conditioners at Headquarters.
 32. Built new access door to attic in Business office.
 33. Built wall and installed door in Director's residence.
 34. Routed number in snow measuring stick.
 35. Cleaned carpenter shop thoroughly.
 36. Installed aluminum sheeting and angle iron on tool box.
 37. Relocated ceiling fan in mechanic bay for new vehicle life.
 38. Washed, waxed vehicle.
 39. Cut out water damaged rug in Secretary's office.
 40. Sanded driveway as needed at Headquarters and garage.
 41. Installed new gutter at Headquarters entrance and lined with heat tape.
 42. Shoveled off snow on buildings as needed.
 43. Cut out walkway through 6" x 6" beam at Headquarters entrance.
 44. Took down Baxter State Park sign at Headquarters and hauled to garage to be painted and repaired.
 45. Repaired raised letters on Headquarters sign.
 46. Remodeled work bench and fastened to carpenter shop wall.
 47. Serviced radial arm saw; adjusted, lubricated cleaned and repaired.
 48. Applied 4 gallons of Thompson's water seal to cement slab of carpenter shop.
 49. Repaired broken windows at Headquarters.
 50. Cleaned out nail bins, greased shaft and bearing.
 51. Took down old blinds at Headquarters and reinstalled blinds up closer to ceiling - installed 4 new ones.
 52. Sanded and varnished work bench in carpenter shop.
 53. Cleaned and repaired storage cabinets.
 54. Took down entryway panels at Headquarters and stored.
 55. Moved all carpentry equipment and tools to new carpenter shop.
 56. Marked new tools and organized in tool box.
 57. Hooked up air line run from mechanic shop to carpenter shop.
 58. Repaired sign-out box for West Gate.
 59. Replaced leaking plumbing on Abol crew camp.
 60. Rebuilt cabinet shelves and added extra support at Headquarters.
 61. Worked on portable generator.
 62. Assisted with Daicey Pond cabin re-roofing projects.
 63. Assisted with logs replacement at Daicey Pond.
 64. Re-tarred leaking roofs on 3 camps at Togue Pond.
 65. Repaired 2 leading chimneys at Togue Pond.
 66. Installed deadbolt and brass push plates on bathroom door of Headquarters.
 67. Installed fire extinguisher in new carpenter shop.
 68. Rebuilt OJI camp at Kidney Pond.
 69. Painted and primed skylight shaft and trimmed out at Abol crew camp.
 70. Installed new wood stove Abol crew camp.

71. Repaired broken screen door at Abol crew camp.
72. Re-shingled roof Abol Ranger station.
73. Re-shingled bunkhouse roof at Roaring Brook.
74. Installed new rain gutters on Abol Ranger station and crew camps.
75. Re-shingled Togue Pond Gatehouse.
76. Cut and split 2 dump truck loads and pickup load of firewood for Abol and Togue Pond.
77. Built set of steps for Togue Pond Trapper John camp.
78. Piled all scrap wood from entry way to basement of Trapper John camp.
79. Renovated entry way roof on Togue Pond Gatehouse.
80. Winterized crew camp at Togue Pond crew camp.
81. Stacked framing lumber into basement of Trapper.
82. Repaired broken stove at Togue Pond Trapper camp and cleaned chimney.
83. Cleaned out pole barn and organized lumber pile.
84. Hauled lumber to Trapper camp and stacked.
85. Estimated for renovation of mechanic shop, materials, etc.
86. Repaired broken roof antenna on truck.
87. Unloaded 4000' lumber and stacked in pole barn.
88. Repaired broken overhead door on mechanic shop.
89. Installed high lift overhead door tracks at mechanic shop.
90. Estimated materials and time to build copy machine room in Director's office.
91. Constructed copy machine room.

SOUTH DISTRICT - Miscellaneous Maintenance Projects

1. Routine maintenance generators, saws, trucks, snowsleds, water pumps, etc.
2. Three hitches built for Cheyenne snowsleds.
3. Winter trail grooming maintenance.
4. Hauling of wood, propane, requisitions, etc., to Chimney Pond garbage, old shingles, refrigerator, etc., to Roaring Brook.
5. Repairs to totesleds, sled carrier drags snow packer.
6. Shoveled snow from roofs at Chimney Pond, Roaring Brook, Togue Pond, Daicey Pond, Kidney Pond and Nesowadnehunk.
7. Lengthened and rebuilt trailer to SFMA flatbed trailer.
8. Hauled building supplies, cement pad, prefab outhouse across ice to OJI site at Kidney Pond.
9. Burned 2 old outhouses at Abol picnic area.
10. Burned large brush pile between cabins 4 and 5 at Daicey Pond.
11. Rebuilt and attached folding stairs at Millinocket garage.
12. Blazed, signed and painted boundary line from Camp Phoenix to Nesowadnehunk campground area - Sentinel Mt. north to Slaughter Pond.
13. Prefabed steel gate for Abol fuel depot and installed.
14. Made up several steel wheeled fireplaces.
15. Rebuilt step and tow bumpers.
16. Replaced shower stall in Togue Gatehouse.

17. Rotated seasonal signs.
18. Repaired several dumpster covers.
19. Set large rocks on old Park entrance road near Abol Bridge.
20. Built crane boom for caterpillar.
21. Removed all dumpsters from South District - stored at Togue.
22. Established area for 4 dumpsters to be used on south end of Park.
23. Relocated 2 toilets and vaults - 1 to Katahdin Stream, 1 to Park Ranger Loren Goode's quarters.
24. Hauled 2 loads loam from Nesowadnehunk Field to Katahdin Stream.
25. Demolished and trucked out 2 outhouses, 1 gas shed from Togue Pond camp.
26. Removed "burnt" out propane water heater from Nesowadnehunk Ranger camp.
27. Hauled several loads of bark, gravel and loam to Katahdin Stream and Kidney Pond campgrounds.
28. Demolished and hauled 2 old double outhouses - filled in holes.
29. Built steel water collector at the Togue Pond shower building.
30. Loaded and hauled rocks to Togue Pond cabin sites - set rocks.
31. Built fireplace pans and grills for Kidney Pond outdoor grill.
32. Demolished and hauled out 2 old outhouses from Roaring Brook.
33. Removed ski trail signs on Foss Knowlton road.
34. Started and ran snowsleds during off-season.
35. Unloaded a load of cabin siding and stored at Togue pole barn.
36. Cleaned up road grader oil leak site at Katahdin Stream.
37. Hauled 5 loads gravel and spread for DOT on Abol Hill.
38. Buried old landfill site at Foster Field.
39. Repaired inside furnace at Park garage - cutting and welding.
40. Cribbed, hauled gravel and prepared site for cabin at Kidney Pond.
41. Worked with DOT rebuilding, re-surfacing Daicey Pond road.
42. Advised National Guard crew removing Katahdin Stream bridge.
43. Loaded, hauled, set rocks at former bridge site at Katahdin Stream.
44. Cut and removed blowdowns along roads as needed.
45. Cleaned plugged culverts along perimeter road after heavy rains.
46. Planted small pine trees on Williams Pond road, Tracy gravel pit, Togue Pond Beach and point area.
47. Hauled, placed and pinned log header at former Katahdin Stream bridge site.
48. Cut and loaded 7' firewood on trailer - bundled and banded slabwood for winter bunkhouse use.
49. Repaired dumpster at garage - new covers and hinges.
50. National Guard helicopter flights - supplies, materials flown to and from various remote sites.
51. Hauled blocking to Cary Bok site - jacked and readied for

- moving.
52. Hauled propane to Roaring Brook for Chimney Pond, Togue Pond for personal use.
 53. Stored picnic tables in Forestry garage and polebarn.
 54. Construction of Park Ranger Loren Goode's quarters - insulation, tongue and groove interior walls, kitchen area, windows, doors, trim, ceilings, closets, cupboards, false rafters, log siding, roofing, skylights, sink, gaslights, etc.
 55. Radial arm saw bench repairs.
 56. Construction of seasonal signs.
 57. Tarred and sealed DOT roof at Katahdin Stream.
 58. Moved caterpillar tractor to Park in spring and back to Millinocket in fall.
 59. Plowed Headquarters and Support Services complex as needed.
 60. Built new woodbox for doubletrack sled.
 61. Transported building materials for OJI from Abol Bridge to Kidney Pond.
 62. Marked and brushed ski trail between Daicey and Foss Knowlton Ponds.
 63. Hauled solar materials and batteries to Chimney Pond.
 64. Serviced and maintained batteries and solar systems throughout Park.
 65. Burned bridge and outhouse debris at Foster Field.

NORTH DISTRICT

RUSSELL POND CAMPGROUND - (CR1-Brendan Curran, ACR-Jack Sheltnire)

1. Built a new workshop facility, opened campground for season, putting up signs and preparing sites.
2. Repaired old canoes at Russell Pond.
3. Took care of firewood cut previous winter (cut, split and piled).
4. Made necessary repairs to bog bridges - mostly tread replacements.
5. Re-arranged woodshed and took care of spring requisitions.
6. Put new door on crew camp.
7. Prepared new bunkhouse for season (installed hangers for camping gear).
8. Cleared blowdown on Park's trails - Wassataquoik Lake trail, Davis Pond trail and all local trails.
9. Built new outhouse near lean-tos #1 and #2.
10. Worked with and received assistance from various State agencies.
11. Built shelves in office of Ranger's camp for public display material.
12. Built new canoe racks at Ranger's camp.
13. Cut various trees and branches near fireplaces to comply with codes of the Maine Forest Service.
14. Checked and closed out a site at the Baxter Park boundary on Wassataquoik Stream.
15. Repaired bridge over Wassataquoik Stream so as to be safe

- for the 1990 season.
16. Re-shingled roof of lean-to at Pogy Pond.
 17. Planted small trees in 'old camp yard.'
 18. Shoveled waste from houses.
 19. Removed the unsafe Wassataquoik Stream footbridge.

SOUTH BRANCH CAMPGROUND - (CR1-Keith Smith, ACR-Jonathan Milne)

1. Cut blowdowns in campground, trails and from roads.
2. Checked and repaired canoes; checked boats and motors.
3. Removed all dumpsters from campground and located them near Trout Brook Farm.
4. Installed tool box on campground vehicle.
5. Removed unserviceable picnic tables from campground.
6. Unplugged culverts and ditched some areas on South Branch Pond road.
7. Installed new gas stove in Ranger's camp.
8. Installed fire brick behind wood stove in Ranger's camp.
9. Located large rocks in appropriate 'no parking' area in the campground.
10. Installed ceiling tile in crew camp.
11. Installed large save paper dispensers in outhouses.
12. Stripped shingles, replaced rotten boards, re-shingled and trimmed lean-tos #5, 7, 10 and 11.
13. Replaced old canoe racks with new ones.
14. Removed old picnic shelter at Trout Brook Crossing.
15. Disassembled old fence in front of Ranger station; replaced with rocks.
16. Hauled loam and gravel to Trout Brook Crossing and various locations at South Branch.
17. Cut firewood for winter use.
18. Assisted public by boosting more batteries.
19. Repaired bunkhouse with new cedar shakes.
20. Shingled gas shed roof.
21. Shoveled waste from outhouses as needed.
22. Built new steps for workshop.
23. Raked leaves away from buildings.
24. Hauled 1 1/2 cord slabwood for bunkhouse for winter use.
25. Routine campground maintenance including: fireplace clean out, mowing, raking, litter pick-up, toilet cleaning and lean-tos.

TROUT BROOK FARM - (CR1 - Fred Ward)

1. Mowed large grounds area and campsites.
2. Repaired lawn mower.
3. Maintained canoes for public use.
4. Cut brush and dangerous trees in campground.
5. Maintained site at KP dam.
6. Checked fire equipment for fire suppression readiness.
7. Repaired or replaced picnic tables as needed.

8. Made minor repairs on footbridge across Trout Brook.
9. Planted trees behind garage at Trout Brook.
10. Moved old gas shed to crew camp for a woodshed.
11. Installed mounts for antenna for crew camp office.
12. Painted snowmobile shed at Matagamon parking lot.
13. Painted porch floor for crew camp office.

MATAGAMON GATEHOUSE - (GA - Dana Miller, Ted Hansen, Scot Theis)

1. Routine maintenance of facilities including cleaning and mowing lawns.
2. Levelled loam for lawn in various locations.
3. Painted signs to be used in various locations around Park.
4. Arranged and re-arranged woodshed for requisitions.
5. Cut, split and hauled about 1 cord of wood.
6. Cleaned and painted outhouse.
7. Spread road calcium as needed during dry periods.
8. Mowed lawn at public landing, picked up litter and cleaned outhouse at landing.
9. Put up new water supply tank for the camp.
10. Repaired gatehouse eaves and painted.
11. Started painting picnic shelter at Matagamon landing.
12. Color-coded tools.

NORTH DISTRICT

MAINTENANCE MECHANIC - Hadley Coolong

1. Repaired table saw at Trout Brook.
2. Installed vent in crew camp gas hot water heater Trout Brook.
3. Repaired push lawn mower.
4. Repaired chainsaws.
5. Installed gas cookstove at South Branch.
6. Repaired toilet seat and building at Matagamon.
7. Put new entrance sign post in at Park boundary.
8. Built new doorstops for DR camp Trout Brook.
9. Helped put new gas vaults and fuel vaults in at Trout Brook.
10. Repaired safe lock at Matagamon Gate.
11. Hauled gravel to new fuel vaults at Trout Brook.
12. Vented refrigerator at South Branch crew camp.
13. Cleared blowdowns along perimeter road.
14. Repaired ABS canoe.
15. Repaired several aluminum canoes.
16. Repaired hood on case 1290 tractor so it would open and close properly.
17. Repaired water pumps for fire control readiness.
18. Cut cedar logs for signs and water tower for Matagamon Gatehouse.
19. Repaired caved-in bridge 100' other side of footbridge at Trout Brook.
20. Repaired lawnmower for Nesowadnehunk Field.

21. Built picnic shelter at Trout Brook Crossing.
22. Built picnic shelter at Matagamon Gatehouse.
23. Repaired furniture for Matagamon Gatehouse.
24. Repaired gas lights and appliances as needed.
25. Worked on picnic table design and made picnic tables.
26. Assisted preparing lumber to be flown for toilets at Russell Pond and some outlying campsites.
27. Planted seedlings on South Branch road at old gravel pit.
28. Re-shingled garage at Trout Brook.
29. Put storm windows on porches of District Ranger camp and crew camp at Trout Brook Farm.

NORTH DISTRICT

MISCELLANEOUS MAINTENANCE

1. Built storm windows for crew camp porches and porch of DR camp at Trout Brook Farm.
2. Hauled lumber for mop boards for crew camp at TBF.
3. Cut blowdowns and filled in holes for winter ski trail to Russell Pond.
4. Worked on winter ski trail from Black Brook camps to Webster Lake.
5. Groomed trails to Russell Pond and Webster Lake so as to haul supplies later.
6. Hauled requisitions to Russell Pond. Hauled out litter and empty gas tanks. Cut firewood for Russell.
7. Moved lumber for workshop at Russell to site location.
8. Cut and hauled firewood from SFMA road to camp at Webster Lake.
9. Moved boathouse away from Webster Lake.
10. Assisted spring clean-up of Millinocket yard.
11. Removed tower from East Millinocket Georgia-Pacific yard. Metal to be used as needed.
12. Assisted in supply flights to Russell Pond.
13. Assisted DOT putting culverts in road near Katahdin Stream using BSP backhoe.
14. Blocked off north end of Dwelley Pond road near pit.
15. Routine patrolling of Fowler Pond area and Matagamon Lake sites.
16. Put several culverts in South Branch road to be installed in spring of 1991.
17. Worked on woodshed for Martin Camp.
18. Assisted in wood detail for Millinocket garage.
19. Cut and split wood and kindling for garage and camp at Trout Brook.
20. Worked on capital inventory and requisitions for district.
21. Winterized buildings and equipment including boats, canoes, water pumps, chainsaws and snowsleds.
22. 112th flew outhouse building materials to sites on Freeze Out, Russell, and Matagamon Lake.
23. Built and filled lumber rack in cold storage building.
24. Replaced decking on porch at Martin Camp.
25. Shoveled snow from buildings as needed.

26. Assisted breaking out trail to Daisey Mt. for Maine Forest Service.
27. Checked ice fishermen on Matagamon and Webster Lakes (35 vehicles in Matagamon parking lot).
28. Checked winter parties at various locations.
29. Patrolled checking snowsled activity.
30. Bush hogged on perimeter road approximately 20 miles before losing clutch in 1290 case tractor.
31. Assisted in Millinocket putting metal in carpenter shop.
32. Hauled cement pads to Davigneau Camp to be used under camp when jacking in 1991.
33. Assisted 57 shingling Park Ranger's building near Kidney Pond.
34. Emphasis has to be placed on checking the sites on Matagamon as people are able to carry considerable amounts of supplies via boat or canoe and they don't always bring everything back out when they leave.

VI 1990 BAXTER STATE PARK VOLUNTEER PROGRAM

Baxter State Park Coordinator John Howard has compiled the following 1990 Volunteer statistics:

- A. 201 Volunteers donated a total of 9,452 hours of useful labor to Baxter State Park.
- B. A breakdown of Volunteer services by location:

Park Headquarters - Administrative	484 hours
Togue Pond facilities	770 hours
Roaring Brook Campground	64 hours
Chimney Pond Campground	945 hours
Russell Pond Campground	440 hours
Katahdin Stream Campground	198 hours
Nesowadnehunk Field	234 hours
So. Branch Pond Campground	122 hours
Trout Brook Farm Campground	534 hours
Park trails and boundary	2625 hours
Remote campsites	158 hours
Daisey Pond Campground	1341 hours
Kidney Pond Campground	266 hours
Park Ranger cabins - T3,R10	502 hours
Miscellaneous	<u>769</u> hours

Total of 9452 hours
- C. Organizations which substantially volunteered their services to Baxter State Park include:
 1. Country Way Carpenters - Construction of the Russell Pond workshop.
 2. Sierra Club - Major trail maintenance assistance.
 3. University of Maine, Presque Isle - Trail and campground maintenance.

4. Volunteers for Peace - Togue Pond shoreline restoration project.
5. Buck Volunteers - Trail maintenance.
6. Chaitanya York Group - Trail maintenance.

D. 1990 BSP Volunteers

Sherri L. Ames, Bucksport, ME
 Lucille J. Atwell, Hancock, ME
 Janice E. Bilodeau, Auburn, ME
 Deborah Bobotas, Oakland, ME
 Steve Bobotas, Oakland, ME
 Tom Bradbury, Mars Hill, ME
 Rick Bray, Lisbon Falls, ME
 Richard Breshahan, Hope, ME
 W. M. Browning, Presque Isle, ME
 Robert Burnham, Hebron, ME
 Jean Burnham, Hebron, ME
 Ruth Buttler, Brewerton, NY
 Stephen Buzzell, Breenville, ME
 Joseph Caputo, Gardiner, ME
 Cloe Caputo, Gardiner, ME
 Isabel Carson, Woodsville, NH
 Alma Chase, Patten, ME
 Linda Chase, Patten, ME
 Chewonki Foundation, Wiscasset, ME
 Alfred J. Cooper IV, Katahdin Lake, ME
 Country Way Carpentry, Hope, ME
 Alice Crabtree, Monson, ME
 Mike Cranmer, Dover-Foxcroft, ME
 Nancy Cranmer, Dover-Foxcroft, ME
 Jenny Cranmer, Dover-Foxcroft, ME
 Sean Cranmer, Dover-Foxcroft, ME
 Hilda B. Davis, Auburn, ME
 Steve Day, Skowhegan, ME
 Dept. of Human Services, State of Maine
 Milton Doebener, Eastport, ME
 Everett Dorr, Appleton, ME
 Jim Drake, Telos Dam
 Wallis Drew, Island Falls, ME
 Elizabeth Scott, Island Falls, ME
 Lael Scott, Island Falls, ME
 Emile Dubois, Dexter, ME
 Dorothy Dubois, Dexter, ME
 Christian Gilbert, Dover-Foxcroft, ME
 Kristen Goddard, Dover-Foxcroft, ME
 Thomas Goetz, New Sweden, ME
 John Gondek, Tyringham, MA
 Regina Goode, Patten, ME
 Loren Goode, Jr., Patten, ME
 David Goodrich, Houlton, ME
 George Grafton, Thomaston, ME
 Richard Gray, Bucksport, ME
 Amy Gumprecht, Orrington, ME

Lora Hamer, Bangor, ME
Margaret Hanscom, Orrington, ME
Roland Hanscom, Orrington, ME
Rowena Harvey, Patten, ME
Jack Hassler, Swatara, PA
Velma Hassler, Swatara, PA
Joan Hildreth, Hancock, ME
James Holt, Livermor Falls, ME
Janys Holt, Livermore Falls, ME
Betty Howard, Orrington, ME
John Howard, Orrington, ME
Jean Howes, Togue Pond, ME
Kenyon Howes, Togue Pond, ME
Steve Jackson, Dover-Foxcroft, ME
Sacha Jackson, Dover-Foxcroft, ME
Charles James, Millinocket, ME
Steven James, Millinocket, ME
Andre Jenny, Exton, PA
Ingrid Johnson, Winchester, MA
Julie Johnston, Millinocket, ME
Robert Josselyn, Jr., Hope, ME
Homer King, Millinocket, ME
Barbara Leavitt, St.Albans, ME
Dana Leavitt, St.Albans, ME
Marc Levesque & Sue-Ellen Bordwell, Pownal, ME
Dewyne Long, Norridgewock, ME
Ava MacArthur, Island Falls, ME
Alisa MacArthur, Island Falls, ME
Jason MacArthur, Island Falls, ME
Jeremy MacArthur, Island Falls, ME
Abbott Meader, Oakland, ME
Nancy Meader, Oakland, ME
John Mingus, Germantown, MD
Judy Mingus, Germantown, MD
Teri-Ann Miller, Houlton, ME
Deborah Nelson, Winchester, MA
Skip Oliver & Donna Day, Hillsboro, NH
Pam Prah, Pittsburg, PA
Donald Phillips, Hampden, ME
Roger & Lori Rand, Manset, ME
William Reitsma, Orrington, ME
Ida Rollin, Norristown, PA
P.O. Roy, Westbrook, ME
Patti Sheltnire, Caribou, ME
Edward Smith, Pasadena, MD
Robert & Carole Stone, Townsend, MA
Mike Stone, Townsend, MA
Connie Theriault, Greenville, ME
Jane Thomas, Surry, ME
Frank Trautman, Rockport, ME
Jodi Tucker, Caribou, ME
Harold Underhill, Upper Frenchville, ME
UMPI, Presque Isle, ME
Don Varney, Kents Hill, ME
Judith Wentzel & Sarah Coleman, Portland, ME

Gabe & Marcia Williamson, So. Portland, ME
Dennis Wright, Hope, ME
Chaitanya York, W. Leeds, ME

Volunteers working with trail crews

Susan Anderson, Montclair, NJ
Robert Bennett, Newark, DE
Keith Cooper, Berkely Heights, NJ
Kathryn Deist, Malvern, PA
Robertta Dobbs, Fort Payne, AL
Alison Fishwick, Neshanic Station, NJ
Jef Hartman, Westfield, NJ
Nancy Hill, Harrisburg, PA
Leah Himmelberg, Nashville, TN
Carol Hoelle, Los Angeles, CA
Astrid Homan, Hinesburg, VT
Brian Iwatake, New London, CT
Rachel Jakubovitz, Rahway, NJ
Daniel Kary, Greene, ME
Denna Kastner, Bushkill, PA
Martha Lawrence, Greene, ME
Debbie Noble, Manchester, WA
Jessie Salminen, Rochester, NY
Joanne Sfekas, Baltimore, MD
Matthew Terribile, Savgerties, NY
Scott Whitcomb, Lynn, MA
Paul Wissler, Lititz, PA
Linda Allen, Brewster, NY
Laurie Buck, Ithica, NY
Charles Coolidge, NY
Ralph Keasevec, Wheeling, WV
Stephen Crowe, Cherry Valley, MA
Thomas Wallis, Morgantown, NC
Glenn Buckingham, Camden, ME
Alan Day, So. Paris, ME
David Hilton, New Glouster, ME
Charles Hudson, Mt. Vernon, ME
Donald Mullen, Cape Neddick, ME

Volunteers for Peace

Sylvia Nassar, Chicago, IL
Geraldine McDonnel, Monkstown Cty. Dublin, Irland
Regine Laverge, Gent, Belgium
Silke Biester, Berlin Germany
Frank Weiss, Tulle, France
Marieke Van Windelen, Leeuwarden, The Netherlands
Jean Bernard Guibert, Tournefeuille, France
Catherine Legrand, Aalignon, France
Ruediger Krueck, Miesau, Germany

VII TRAINING

Training opportunities for Park staff in 1990 included:

1. In-service training of all Park Rangers with the Maine Warden Service in Law Enforcement Training at the Maine Criminal Justice Academy in Waterville, Maine (3 days).
2. A Solo First Aid 2-day training session was held at the Roaring Brook Campground for the benefit of the trail crew and other new employees.
3. A Forest Fire Suppression training session (2-day) was held at Park Headquarters and Nesowadnehunk Field.
4. A 1-week safety workshop and orientation was taught to the trail crew by Crew Leader Gary Stillman.
5. Park employees attended the Spring Orientation meetings at Kidney Pond on June 11, 1990.
6. All Commissioned Park Rangers participated in a Firearm Training session at Dwelley Pond on August 10, 1990.
7. The Chief Ranger attended a 2-week - 100-hour Law Enforcement training program sponsored by the Maine Criminal Justice Academy (May - Dover-Foxcroft, Maine).
8. There was a Black Bear Handling Training session for 6 BSP Rangers at Churchill Dam on 6/13/91. The Maine Dept. of Inland Fisheries and Wildlife sponsored the program.
9. A 2-day Driver Education Training Course for potential Class II and Class I drivers was attended by various Park personnel. This course was held in Houlton, ME (July 5-7, 1990).
10. Park Staff attended a Workers Compensation training session at Millinocket Headquarters 10/18/90.
11. All new Park employees received "on-the-job" training by Park trained personnel.

VIII SEARCH AND RESCUE

There were several major search and rescue operations in Baxter State Park in 1990. The most serious search and rescue incident was a lightening strike tragedy on Mt. Katahdin on August 27, 1990. A sudden severe afternoon thunderstorm hit Katahdin with considerable lightening and heavy rains. A troop of Boy Scouts (Troop 97, Long Island, NY) on Pamola Peak took a direct lightening bolt hit. One boy was killed instantly and another boy was seriously burned; 10 people were knocked off their feet. Park staff assisted by the Maine Army National Guard (112th Medivac) and the Maine Forest Service were able to remove both boys at daybreak on August 28, 1990. This major search and rescue report is attached to this Annual Report (see Appendix at end of Operations report).

On September 13, 1990, 74-year old Helen Ciaravino was carried and airlifted off Mt. Katahdin after suffering a cold night of exposure. See Appendix at end of Operations report for more information.

Other search and rescue operations include:

A. South District S&R

1. 1/20/90 Park Rangers transported to Abol Bridge due to a knee injury.
2. 2/2/90 Park Rangers transported Chad Manuel to the Millinocket Regional Hospital following a snowsled accident when Chad suffered a right shoulder and facial injuries.
3. 3/3/90 Joel Irving sustained a skiing injury (dislocated shoulder) on Mt. Katahdin. He was treated by Park personnel and transported to the Millinocket Regional Hospital.
4. 6/23/90 - The rescue of Roy Kelly, Sr., and Roy Kelly, Jr., from a capsized canoe on Daicey Pond.
5. 6/24/90 - The successful search of the Kidney Pond trails for separated hiker of the Schickel party.
6. 7/28/90 - The successful search for a juvenile of the Richards party.
7. 8/18/90 - Successful search of the Hatfield Hull party on the Hunt Trail of Mt. Katahdin - (no flashlight).
8. 8/25/90 - The rescue of a 12-year old boy stranded on a rock when his canoe capsized on Daicey Pond.
9. 8/26/90 - A successful search for the LeBlanc party on the Hunt Trail. This party suffered from fatigue and had no flashlight.
10. 9 /3/90 - Litter evacuation of Barbara Finke off the Abol Trail of Katahdin and transporting to the Millinocket Regional Hospital. Barbara had a broken left ankle.
11. 9/8/90 - The rescue of the adult member of a boy scout group who was suffering from exhaustion. He was transported by litter to Katahdin Stream and thence to the Millinocket Regional Hospital.

B. North District S&R

1. Patty Olson 8/11/90 was swept downstream by high waters of Wassataquoik Stream and was able to survive torrent. Her pack was found on 8/12/90 at Ledge Falls 2 miles downstream.
2. Rescued a day-use visitor after his canoe overturned on South Branch Pond.
3. Assisted party of McMullin who received a head injury while hiking on South Branch Mt. Trail.
4. Assisted 3 different parties with sprained ankles.

IX LAW ENFORCEMENT

Considerable time was spent protecting the resources of Baxter State Park during 1990. Baxter State Park maintains a relatively low law enforcement program. Warnings far outnumber Court prosecutions. Baxter State Park strives to educate the user in the proper utilization of the unique wilderness resources of Baxter State Park.

The most common violations are illegal camping and fires, motor vehicle infractions and fish and wildlife violations. As more woods roads are being constructed near the Park boundaries and inside the SFMA, we are having an increase of unauthorized entries and activities. There is a definite increase of hunting activities inside the SFMA. Law enforcement patrols will increase in 1991 in outlying campsites, the SFMA, and newer access points near the Park boundaries.

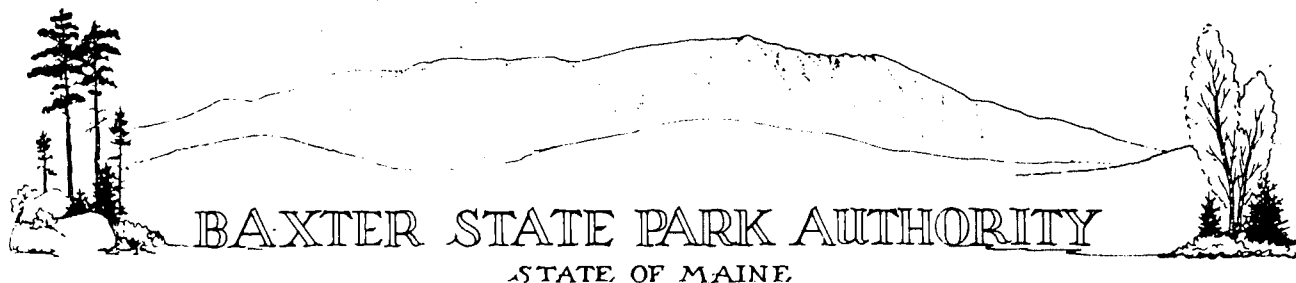
In 1990 "two unauthorized and painted" trails were removed in the Frost Pond and Twin Ponds regions of Baxter State Park. Also, unregistered watercraft were tagged with numbered removal/registration notices. Persons failing to remove or register the watercraft so tagged in 1990 will forfeit their watercraft in 1991. Many watercraft left inside BSP are junk and unsafe.

A breakdown of law enforcement activities are:

Prosecutions -	36
Evictions -	4
Written warnings -	15
Oral warnings -	over 300 oral warnings. Too numerous to accurately count. Most warnings are for minor infractions of Park regulations and speeding.
Automobile accidents -	9

The 1990 record of law enforcement actions are as follows:

SUMMARY OF
CRIMINAL CASES



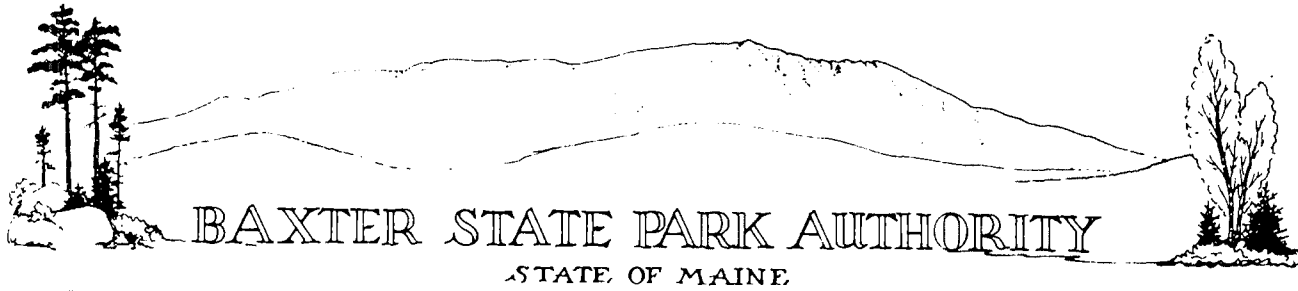
COURT OFFICER
Robert E. Howes

DATE 1990

*P-Physical
S-Summons
B-Bond

OFFICER	BDG NO.	RESPONDENT	DOB	ARREST*	OFFENSE	PLACE OF ARREST	COLL.	DISPOSITION	TIME
Howes	53	Jeffery Harvey	11-12-60		Ft. Produce License		\$ 50	Guilty	
Howes	53	Jeffery Harvey	11-12-60		Op w/expired Cert.of Inspect.		\$150	Guilty	
Howes	53	Jeffery Harvey	11-12-60		Op Unregistered MV		\$ 50	Guilty	
Howes	53	Jeffery Harvey	11-12-60		OAS		\$150	Guilty	
Goode	57	Paul Patchell	06-07-70		Op Uninspected MV			Dismissed	
Howes	53	Raymond Dest	07-16-63		B.S.P. Reg.#2		\$ 35	Guilty	
Howes	53	Robert Dest	04-29-54		B.S.P. Reg.#2		\$ 35	Guilty	
Howes	53	Stephen Muggeo	04-05-67		Op Snw Mob on Pblc Wy		\$ 50	Guilty	
Goode	57	Jeffery Maxim	03-03-67		B.S.P. Reg. #15			FTA	
Kenney	59	David Zealty			B.S.P. Reg.			FTA	
Chase	56	Kyle Thompson	04-02-63		Fishing w/i 150 ft. Fshwy		\$ 60	Guilty	
Goode	57	Robert Voisine	12-14-60		Drinking in Public		\$ 25	Guilty	
Howes	53	Kevin Chrisman	02-10-73		B.S.P. Reg.#21		\$ 50	Guilty	
Howes	53	Louise Tergesen	10-18-69		B.S.P. #5		\$ 35	Guilty	
Howes	53	Joseph Reicheri	01-16-68		B.S.P.#5		\$ 35	Guilty	
Howes	53	Marcus Chance	05-26-62		B.S.P.#5			FTA	

SUMMARY OF CRIMINAL CASES



COURT OFFICER
Robert E. Howes

DATE 1990

*P-Physical
S-Summons
B-Bond

[illegible]

X SPECIAL ACTIVITIES

1. BSP assisted the fisheries biologist crews by providing housing for the crews as fishery surveys were conducted at Nesowadnehunk Lake, Webster Lake, Matagamon Lake, Frost Pond, Daicey Pond and Kidney Pond. Park staff installed voluntary registration boxes for fishermen at Webster Lake, So. Branch Pond, Kidney Pond and Daicey Pond. Bruce White assisted F&W personnel in checking fishery traps on Nesowadnehunk Lake.
2. The Maine Army National Guard was of special assistance to Baxter State Park in the following areas:
 1. Helicopter search and rescue missions (2) on Mount Katahdin on August 27-28, 1990 and September 13, 1990.
 2. The removal of the Katahdin Stream Bridge in October, 1990.
 3. The Maine Forest Service assisted Baxter State Park in the following areas:
 - a. The helicopter evacuation of a lightning strike victim off Mt. Katahdin on August 28, 1990.
 - b. Assisting in the burning of debris in the SFMA.
 - c. Regular patrols throughout BSP.
 - d. Flight assistance to remote areas of BSP.
4. The 1990 implementation of a carry-in, carry-out policy that resulted in a 55% reduction in trash volume in BSP. Various BSP personnel met with neighboring landowners and town officials on the impact of this successful program.
5. The closure of the West Gate of Baxter State Park was supported by the documentation provided by field personnel and users of Baxter State Park (see appendix).
6. The University of Maine utilized the Nesowadnehunk Field facilities from January 8-13, 1990 for ecological studies.
7. Baxter State Park personnel assisted the blind Appalachian Trail hiker as he finished the AT on November 21, 1990. Much planning in advance by the Park Director made this event special to all involved.
8. District Ranger Robert Howes gave instruction and overview to the 314th Medical Co. of the Maine Army National Guard on a simulated training mission on the Abol Trail.
9. Baxter State Park provided a truck load of firewood for the Maine Forest Service facility at Round Pond in T6,R11 and the Allagash waterway facility at Chamberlain Bridge.
10. Baxter State Park provided housing at the former Telos Gatehouse for the Pine Marten research crew starting on about September 15, 1990 to the present.
11. Baxter State Park personnel met with Georgia-Pacific management personnel on matters of mutual concern such as road construction near BSP boundaries and subsequent access, cutting timeframes near the east boundaries of BSP and use of the Dolby landfill. Georgia-Pacific management personnel had the opportunity to visit and tour Baxter State Park on August 22-23, 1990.
12. Transported Wilderness Rescue Team to and from Chimney Pond for their 1-week annual S&R training (February 16-20, 1990).
13. Trapping and relocating of 4 nuisance beavers.

14. Operation of the Junior Ranger Program at Daicey Pond.
15. Some of the more common numerous activities include:
 - a. Towing vehicles out of ditches.
 - b. Boosting vehicles.
 - c. Hauling packs and hikers.
 - d. Repairing camping and fishing gear, vehicles, etc.
 - e. Loaning of axes, gasoline and oil.
 - f. Assisting people who locked themselves out of vehicles.
16. Took messages to Nesowadnehunk Lake Wilderness Store.
17. Assistance in changing flat tires and pumping up tires.
18. Assistance with muffler - exhaust problems.
19. Assisted astronomer in lifting and packing delicate equipment.
20. Called for wreckers.
21. Assisted Fish & Wildlife Dept. with fish survey at Nesowadnehunk Lake.
22. Kept "kids" for campers involved in car accident on Park perimeter road.
23. Provided housing for John Bibber party at Chimney Pond.
24. Provided housing for Army Corp of Engineers at Chimney Pond.
25. Gave group talk to Kingston school concerning safety on Mt. Katahdin.
26. Transported Pam Giles of Human Resources to Chimney Pond.
27. Transported volunteers to and from Chimney Pond for coverage throughout winter months.
28. Received Russell Campground fireplace inspections from David York of the Maine Forest Service.
29. There are increasingly more blowdowns as a result of the spruce budworm damage in the Russell Pond area. This created a more active trail maintenance responsibility.
30. Assisted in sampling area ponds to determine the PH levels for the Environmental Protection Agency.
31. Assisted Don Hudson with botanical studies on North Turner and Mullen Mts.
32. Assisted Ben Kanza, from Tanzania Parks, with orientation of back country operations.
33. Received assistance from Sierra Club Volunteers for trail maintenance in Russell Pond area.
34. Assisted So. Branch Pond in transporting authorized personnel across South Branch Pond enroute to Russell Pond.
35. Assisted public with minor first aid problems.
36. Assisted Maine Forest Service by relaying class days to Park locations.
37. Assisted DOT with various projects including putting culverts in and working on chainsaw and mower.
38. Attended fisheries meeting with Mike Smith of Inland Fisheries and Wildlife.
39. Attended regular division meetings in Millinocket.
40. Met with Pam Giles of Personnel Dept. at Millinocket and Augusta for reclassification purposes.
41. Attend special meetings with various other agencies:
 1. Budget meeting BSP.
 2. DOT meeting.
 3. Solid Waste meeting.
 4. Maine Forest Service.

42. Set on application review and interviews for future prospective employees.
43. Removed nuisance bear from No. District highway camps and transported outside of Baxter Park on June 21, 1990.
44. Assisted Maine Forest Service checking and suppressing fire at mouth of Center Pond road; put out on July 23, 1990.

XI PROJECTION OF FUTURE MAJOR PROJECTS FOR 1991-92

1. The removal of 2 oil fuel tanks at the Millinocket Headquarters facilities (garage and office complex).
2. The cleanup and removal of all remaining fuel tanks in Baxter State Park and Park Headquarters (clean Harbor's Project).
3. The installation of 2 above-ground oil fuel tanks at the Millinocket facilities.
4. The removal of the old Russell Pond bunkhouse which has an asbestos lined floor.
5. The restructuring of the garage workshop by enlarging the 2 by areas into a single work bay.
6.
 - a. The relocation and renovation of Camp "Cary Bok" at Kidney Pond.
 - b. The renovation of the "Outlet" Camp at Kidney Pond.
 - c. The relation and renovation of Camp Wassus for Volunteer staff at Kidney Pond.
 - d. The installation of a grey water vault at Kidney Pond.
 - e. The renovation of the North room of the Lodge kitchen which will become the Kidney Pond office.
 - f. Modification of the caretakers quarters at Kidney Pond for better living conditions.
7. Removal of the West Gate facilities for usages in other Park locations.
8. The replacement of the old pit toilets at Katahdin Stream with more sanitary vault toilets.
9. The installation and operation of a winter bunkhouse at McCarty Field, modifying the former Telos gatehouse as a winter bunkhouse facility.
10. Replace 3 deteriorating toilets at Chimney Pond with new toilets.
11. Reinforce and re-plank the Trout Brook footbridge at Trout Brook Farm.
12. Stabilize the foundation of the Nesowadnehunk Field Park Ranger cabin.
13. Install 2 solar panels at Kidney Pond and Trout Brook Farm campgrounds to power Park radios at those locations.
14. The continued restoration of remaining grounds of the former Togue Pond Campground.
15. Renovation of the former "Trapper" cabin at Togue Pond for the Park Maintenance Ranger.

APPENDIX TO OPERATIONS

INTERDEPARTMENT MEMORANDUM

DATE: 12/13/90

TO: IRVIN C. CAVERLY, JR., DIRECTOR, BSP
ROBERT HOWES, DISTRICT RANGER, BSP
BARRY MACARTHUR, DISTRICT RANGER, BSP
JEAN HOEKWATER, PARK NATURALIST, BSP
JENSEN BISSELL, RESOURCE MANAGER, BSP

FROM: CHRIS DREW, CHIEF RANGER, BSP *CM Drew*

SUBJECT: CARRY-IN, CARRY-OUT, PROGRAM - BAXTER STATE PARK TRASH
DISPOSAL IN 1990

=====

From personal observation and field reports, I have found the Park-wide Carry-In, Carry-Out program to have been very successful in 1990. The public at large carried the majority of their trash out of the Park in 1990.

The only area that showed a litter problem was the public beach areas which are the high use day use areas near the Togue Pond region. The strategic relocation of a dumpster and daily litter pickup was helpful in minimizing the litter problem at Togue Pond beach.

The volume of trash collected by the "White Knight" in 1989 in Baxter State Park (included Matagamon Lake Wilderness Campground, Nesowadnehunk Lake Wilderness Campground and Camp Natarswi) totaled 76.6 tons of rubbish.

The volume of trash collected by the "White Knight" in 1990 in Baxter State Park alone was 33.9 tons. This is a dramatic reduction in trash costs to Baxter State Park. Depending upon GP dumping fees at Dolby, I feel the present Carry-In, Carry-Out policy to be effective and practical. I presently recommend the current Carry-In, Carry-Out policy for 1991.

Trash pickup at Trout Brook Farm could probably go to once every 4 weeks in 1991. Togue Pond would need a trash pickup of once weekly during peak operations and every other week during slower camper use periods.

Data received from Dave Condon of the "White Knight" 12/13/90:

452 "loose" yards of trash hauled to Dolby from BSP in 1990. At approximately 150 pounds per loose yard a total of 67,800 pounds or 33.9 tons of trash was hauled out of BSP in 1990 (55% reduction). 452 "loose" yards is equivalent to approximately 112 "compacted" yards.

CMD:rm

STATE OF MAINE

Inter-Departmental Memorandum Date August 31, 1990

To Irvin C. Caverly, Director
Bob Howes, South District Ranger Dept. BSP

From Esther M. Hendrickson, CRI, Chimney Pond *Esther Hendrickson /sjh* Dept. BSP

Subject AUGUST 27, 1990 LIGHTNING STRIKE ON PAMOLA PEAK, TROOPS 135 & 97

At approximately 4:45 p.m. on August 27 a boy scout informed me that two boy scouts may have been hit by lightning near Pamola Peak. I advised Bob Howes of this, who happened to be at Chimney Pond.

By 5:00 p.m. five more scouts had arrived at Chimney. At 5:15 p.m. I headed up the Dudley Trail by myself.

5:25 p.m. I met a day hiker by Pamola Caves cut-off who advised me that one scout was conscious and coherent but in shock; one scout leader o.k. but somewhat shocky, other scout leader o.k. and administering CPR to the other boy scout.

At 6:00 p.m. I was just below Index Rock and met two scout leaders, one scout and a day-hiker. One boy was deceased and left near Pamola Peak about 50 feet or so on the trail towards Chimney Peak. Scout leader Steve Sadowski was in fine shape, Steve Sassi appeared to be in emotional shock, hiker-Diane was cold but o.k., Fred was in shock, could barely hear, needed help walking, had a third degree burn on base of right side of his neck - approximately six inches long which seared shut. He had a small bump and scrape behind his right ear and evidence that fluid had run out of his right ear.

I was advised he had a burn on his chest and on his feet and also that all of his clothes had been blown off by the lightning strike. According to Steve Sadowski the deceased boy, David, looked in much better shape, his clothes were intact and he had no obvious burns. All of the scouts and leaders had been knocked off their feet by the lightning. Since Fred looked in worse shape Steve Sadowski immediately started CPR and got him revived in three to five minutes. He was unable to revive David by administering CPR. David vomited but never showed signs of life.

By the time we got to the big boulders about halfway down the Dudley Trail weather conditions got worse with high winds and driving rain. Fred's condition in turn got worse - he said he was cold and started shivering so we put a warmer jacket on him. At this time I felt it imperative that we evacuate him that night. We stopped and gave Fred water three or four times on the way down and also gave him some chocolate. He perked up after each of these rest stops.

About 7:00 p.m. I called Bob Howes and asked for a couple of people to come up with lights to help light the trail.

About 8:00 p.m. we met Jeff Willey and Greg Rainoff just above Pamola Caves cut-off. We sent Steve Sassi and Diane down to Chimney Pond as they were wet and cold.

8:45 p.m. we were at the base of Dudley where it levels off and Fred asked to stop to go to the bathroom - a good sign that his kidneys and bladder were functioning.

Ester's Report
August 31, 1990
Page 2

9:00 p.m. we entered the ranger camp and proceeded to get Fred into dry clothes. Also gave him water and Tang. His condition improved, his burns were not that extensive nor were they oozing. Bob and I agreed that it would be best to keep him at Chimney Pond rather than take a chance on his condition getting worse and also putting other people at risk during a nighttime litter evacuation to Roaring Brook.

About 9:15 p.m. I took Fred's blood pressure - 120/70, pulse 70-74, respirations 20; they were about the same around 9:45 p.m.

About 10:00 p.m. Fred ate some oodles-of-noodles which he then vomited. He was still able to keep liquids down.

12:40 a.m. August 28, Steve Sadowski took Fred to the outhouse at Fred's request.

At 1:20 a.m., 2:00 a.m., 3:00 a.m. and 4:00 a.m. I checked on Fred and he was sleeping and breathing normally.

5:30 a.m. we started getting Fred ready to be picked up by the 112th.

5:45 a.m. 112th picked up Fred and scout leader Steve Sassi.

EH/sjh

signed in Esther's absence

STATE OF MAINE

Inter-Departmental Memorandum Date September 5, 1990

To Irvin C. Caverly, Director *Barry MacArthur/sjh* Dept. BSP
 From Barry K. MacArthur, No. District Ranger Dept. BSP
 Subject RESCUE OF AUGUST 27, 1990

On August 27 while returning from the Houlton Hospital I received radio communications from the Houlton State Police Barracks to call the park office immediately concerning trouble on the mountain.

I then talked to Ranger Howes on park frequency and was instructed to contact the 112th in Bangor. I returned to the Houlton Barracks and began to make necessary contacts, reaching Jeff Peterson at the 112th in Bangor. He would gather a crew and make an attempt to come up. Meanwhile I made contact with Don Copeland of Maine Forest Service and through him received a telephone number of Scot Bates, helicopter pilot for MFS. Don also advised that he would be able to drive the helicopter fuel truck if needed.

Not being able to reach Scot Bates by phone I then contacted John Knight of Old Town and informed him of the situation. He later was able to make contact with Scot Bates.

Meanwhile, through telephone communications with Baxter Park Millinocket office and Jean Howes, I was informed that one of the lightning victims was deceased. I then contacted the chief medical examiner and explained the situation. I asked for permission to remove the body from the mountain. Permission was granted.

I then made contact with the 112th again and relayed information to them, at that time Jeff advised that radar showed thunderstorms from Baxter to the New Hampshire border but he would make an attempt to come up.

I then asked Jean Howes in the BSP office to try to locate a commissioned officer to be available to fly if choppers could remove the body tonight as a law officer must be present to inspect the scene before a body can be removed. Jean was able to make contact with Warden Alan Ryder.

Then in conversation with Scot Bates he had just returned from flying and saw thunderstorms to the south from his base at Portage and would not be able to fly tonight, but would be available in the morning weather permitting. I told him I would call him back as soon as more information was available.

In conversation with Jean Howes I learned that the surviving two were on their way back to Chimney Pond. One victim suffered from neck and chest burns, while the other victim had less serious injuries.

I received information from the 112th in Bangor that the helicopter had made an attempt to come up but was forced down due to the storms. Due to the time and lateness of the day it became obvious that we were not going to be able to retrieve the body from the mountain tonight. I then called the medical examiner's office and told them we would not be able to get the body tonight but would tomorrow as soon as possible. Also due to the severe weather conditions we would not be able to have the scene at the body secured or attended. He instructed me to let him know as soon as the body was in Millinocket

and he would have the body examined. At this time I asked Jean to ask Bob if it might be advisable to have a crew rounded up at Roaring Brook in the event we would have to evacuate the injured victims by foot. Bernard Crabtree was to organize this.

I called Scot Bates back and asked if he could fly first thing in the morning with a crew and go to the scene and bring the body out. He said he would. He would stop in Island Falls and fuel up and pick me up, then proceed to Caribou Pit to pick up three others. He also advised he would bring his crew chief with him.

Then in conversation with BSP Millinocket and Chris Drew, Chris advised that Alan Ryder, Bernard Crabtree and Bruce White would be available to fly with us in the morning. Also with advice of Alan Ryder it was agreed that heading of recovery functions should be transferred to Millinocket, which would free up telephone etc. at the Houlton Barracks. I advised Alan that there was just the one outstanding call left to the 112th to advise of the next step we would be taking as soon as more information was available from Chimney Pond. Alan advised that I should call the District Attorney's office in Piscataquis County, with the assistance of the dispatcher (Bert) at the Houlton Barracks I made contact with an Assistant DA and informed him of the situation. He advised that unless the death appeared suspicious to us that the medical examiner would handle the death investigation and in turn advise him (Ass't DA) of any suspicions if there are any. We concluded the conversation and I left the Houlton Barracks.

The coordination efforts had been turned over to the Millinocket office.

On August 28 I met Scot Bates and his crew chief at the Forestry Hdqtrs. in Island Falls. He fueled up and we proceeded to Caribou Pit where we picked up Warden Alan Ryder, Rangers Bernard Crabtree and Bruce White. The day was overcast with a moderately low cloud ceiling. We proceeded toward Chimney Pond. Pamola Peak did not become visible until approximately half-way between Chimney Pond and Roaring Brook. Scot then flew up to Pamola Peak where we made visual contact of the body.

With real excellent flying by Scot he was able to land the helicopter within 100 yds. of Pamola Peak and above Index Rock. He shut the chopper down and we proceeded to Pamola Peak with the stretcher and then down approximately 100' toward the Knife Edge where we located the body. Alan and I both agreed that it appeared that the reports we had heard were correct: 1. The victim was probably struck by lightning, 2. There was no visible evidence of foul play. We loaded the body in the stretcher in the litter and proceeded back to the helicopter. Scot then proceeded to fly to Caribou Pit near Togue Pond where Wyse Funeral Home met us. Alan followed the vehicle to the funeral home where he would make arrangements with the Medical Examiner's office.

I flew back to Island Falls with Scot.

I would like to take the time to thank everyone for all their efforts and assistance.

1) The Houlton Barracks for the use of their facilities and especially Bert for his patience and assistance.

2. To Alan Ryder for his professionalism.
3. The 112th Medivac for all their time, efforts and concern. Once again we benefited from the value of their assistance.
4. The Maine Forest Service, Don Copeland for information and willingness to help, and Scot Bates and his crew chief for the helicopter and excellent flying.
5. To all the Park Staff that came through when needed.

Except for the weather, this mission went without a hitch which shows what coordinating efforts of all the agencies really can do.

Regards to all,

Barry K. MacArthur

BKM/sjh
signed in Barry's absence

Lightning kills Katahdin climber

Another member of Scout troop hospitalized with burns

By Mary Anne Lagasse
Of the NEWS Staff

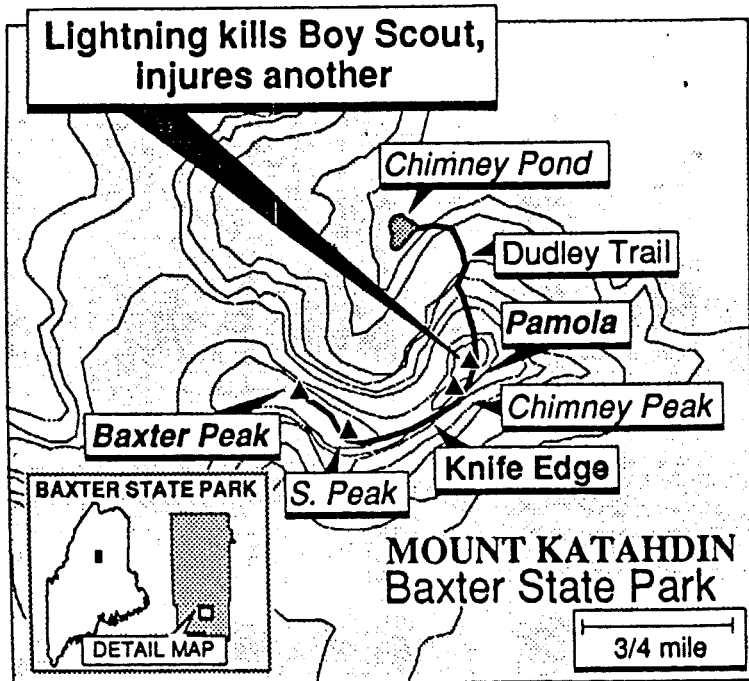
BAXTER STATE PARK — A 14-year-old Scout from New York was in fair condition Tuesday after being struck by lightning and killed a hiking companion Monday on Mount Katahdin.

Severe thunderstorms Monday night ended air evacuation attempts. At daybreak Tuesday, Fred Ulrich, 14, of Manhasset, N.Y., and Steven Sassi, a Scout leader who was also injured in the lightning strike, were airlifted by the 112th Medical Company, Army National Guard from Chimney Pond to the Millinocket airport, where they were taken to Millinocket Regional Hospital.

Ulrich, who had burns on his neck, chest, feet, was transferred to Eastern Maine Medical Center in Bangor, according to park officials. Sassi was treated and released.

David Passalacqua, 13, of Manhasset, N.Y., who was killed in the strike, was airlifted from the scene by the Maine Forest Service.

See **LIGHTNING** on Page 18



NEWS/Zelz

Lightning kills climber on Katahdin

● from page 1

Irvin "Buzz" Caverly, the park director, said the party of two leaders and 10 Scouts from the Nassau County Council of Boy Scouts was hiking in two groups when lightning struck at about 4 p.m. Monday near the summit of Pamola Peak.

Park officials said the storm caught the Scouts by surprise. The group had hiked the 1.1-mile Knife Edge Trail and were within a few hundred feet of the summit of Pamola Peak when the storm struck.

"They were heading for Dudley Trail to get to Chimney Pond. That was the right thing to do," said Jean Hoekwater, a park spokesman.

After the Scouts were hit by lightning, officials said another Scout went to Chimney Pond to get help. Esther Hendrickson, campground ranger and emergency medical technician, then climbed the mountain with some campers.

"It was amazing she and the group were able to get to the victims. They were traveling in high winds, heavy rains, and severe lightning conditions. Lightning was flying all around them," Caverly said.

He said members of the Scout group took Passalacqua to the terminus of Dudley Trail and the rescue team assisted Ulrich and Sassi down to Chimney Pond, which is about a two-hour hike.

The Scouts arrived in the park Sunday and stayed at Katahdin Stream Campground. They were to hike the mountain and to stay at Roaring Brook Campground on Monday.

Officials said weather on the mountain can change very rapidly. Caverly recalled several times when it was sunny with few clouds and suddenly the area became fogged in. Park officials, who monitor local weather reports, said the Monday report did not list thunder or lightning. It forecast a 30-percent chance of showers in the afternoon.

"I think it was just being in the wrong place at the wrong time," Caverly said. "They did the sensible thing. There was no chance for cover for at least another 20 to 30 minutes, depending on the condition of the hikers. They were in a spot where the storm moved in fast and hit hard."

Once hikers get more than halfway across Knife Edge — a narrow ridge 4 to 8 feet wide with 1,500-foot drop-offs on both sides — there are no shortcuts, Hoekwater said.

"They did not go out (onto Knife Edge) in bad weather. It happened on their way and they had no choice but to finish. They did the right thing by not trying to get off until they got to Pamola, then dropping down on the official trail — Dudley," she said.

Park officials said the Scouts appeared to be experienced hikers. According to a letter sent to the park from Scout Leader Stephen Sadowski requesting reservations, the Scout group had, since 1987, backpacked on mountains such as Mount Washington in New Hampshire, High Point in New Jersey, Mount Frissel in Connecticut, Mount Greylock in Massachusetts, Mount Marcy in New York, and Mount Mansfield in Vermont.

Caverly recalled a man being killed by lightning in 1968. He said 22 people were marked or affected by that one strike at Chimney Pond. He said one man was sleeping in a sleeping bag with his leg against the metal zipper, and it burned a "lieutenant's stripe up his leg."

STATE OF MAINE

Inter-Departmental Memorandum

Date September 13, 1990

To Irvin C. Caverly, Jr., Director

Dept. BSP

Robert E. Howes / SJH
From Robert E. Howes, So. District Ranger

Dept. BSP

Subject HELEN CIARAVINO SEARCH REPORT September 12, 1990

Approximately mid-afternoon I was advised that a 75 year old female was hiking Abol Trail, Knife Edge down Helon Taylor. The party camped at Abol on September 11 and was scheduled to camp at Roaring Brook on September 12. Mr. Casper Ciaravino advised Campground Ranger Greg Hamer that her alternate route was to return via Abol.

Approximately 7:20 p.m. Greg called and advised she had not shown up. I advised him to get ready and head up the Taylor trail hopefully to meet her on the trail. At approximately 10:40 p.m. Greg was at Pamola Peak with no trace of her. At this time the weather was clouds, then clear, then clouds; temperature 48°F. Greg proceeded across Knife Edge discovering a burned out fire near South Peak. A partially burnt birthday card from her husband was identified.

At approximately 12:30 a.m. September 13 Greg found her between South and Baxter Peaks, cold, tired and fatigued. Earlier in the evening Campground Ranger Mac Browning checked out Abol Campground and with hikers who saw her near Baxter Peak around noon. They tried to persuade her not to go across Knife Edge but she had plans to go. Mac hiked up the Abol Trail to Baxter Peak joining Greg at the scene around 1:20 p.m.

Assessing the situation Greg called Chimney Pond advising Christine to bring up more gear, sleeping bag, etc. and hot liquids. Christine arrived between 3:00 a.m. and 3:30 a.m. They got Mrs. Ciaravino into the bag and comforted her as best as possible. Mac, Greg and Christine settled in for the remainder of the night as best as they could under the circumstances. Greg called around 3:30 a.m. advising that it was their judgment that she would not be able to walk by herself. From this time I got ready to make a two fold plan to evacuate the victim.

I drove to Abol, Katahdin Stream and 57 residence advising staff to try and recruit volunteers for a stretcher carry. Albert, John, Loren, Scott and Debbie recruited approximately 38 people. I drove to Millinocket to call the 112th Medivac. I advised Jim Tinkham of the circumstances and he advised a unit would be available and would go to Millinocket Airport.

Between the hours of 6:00 a.m. and 9:00 a.m. several phone calls were made to various agencies. Several communications were made amongst the rangers coordinating the search efforts. Debbie Green coordinated the ferrying of the litter from Chimney Pond to the scene with the help of 12-14 volunteers.

Greg advised that the 112th landed near the top of the Saddle Trail at 9:05 a.m. Ranger staff and volunteers started transporting the victim from the scene toward Baxter Peak at approximately 8:45 a.m.

Helen Ciaravino Search Report
September 13, 1990
Page 2

Between the timetable of 9:05 a.m. and 10:30 a.m. communications were minimal due to the stretcher carry. At approximately 10:30 a.m. 112th Medivac advised they were ten minutes from the airport. Millinocket Fire transported Mrs. Helen Ciaravino to Millinocket Regional Hospital where she was treated for exposure.

In the evening of September 13, 1990 I contacted Shawn O'Connor who was the emergency room doctor. Shawn advised me that Mrs. Ciaravino had a few underlying problems prior to climbing that day. He indicated that she was suffering from liver, kidney and pneumonic problems and that the stress from the day's activities put her over the edge.

REH/sjh

typed and signed in Bob's absence from his notes

ANNUAL REPORT OF MAINE SCIENTIFIC COLLECTOR PERMITTEE
FOR THE CALENDAR YEAR, 1990

IMPORTANT: This report must be submitted on or before January 31,
1991 to the:

Maine Department of Inland Fisheries and Wildlife, Wildlife Research
Section, P. O. Box 1298, Bangor, Maine 04401-1298.

I herewith submit my report of activities conducted under Maine
Scientific Collector's Permit dated February 6, 1990 as listed below:

This report includes activities undertaken by myself and any of my
subpermittees: (Please list birds and animals taken by number and
species). Additional pages may be used.

Black Bear - June 21, 1990, Dept of Transportation Camps, T5 R10, BSP - live
trapped in BSP and relocated 1-100+ pound bear. The bear was
released near Route 11 south of Masardis, Maine, Aroostook County.

Beaver - May 13, 1990 - 2 beaver live trapped in T4R10 and released at Compass
Pond - T2R9

May 31, 1990 - 1 beaver live trapped on Barren Bk. T3R10 and released
at Compass Pd. - T2R9

June 1, 1990 - 1 beaver live trapped on Barren Bk-T3R10 and released
at Compass Pd - T2R9

Please list current subpermittees:

Robert Howes - District Ranger
Charlie Kenney - Park Ranger
Jean Hoekwater - Park Naturlaist

IMPORTANT: You are legally required to have both a Federal and State
permit if collecting migratory birds or rare and endangered species.

I do not wish to renew my permit ☐

If you need to continue current activities in order to complete/meet
the objectives of the described project for which your past year's
permit was issued, complete the enclosed application (except question
6). If you wish to change your objectives, amend your current
project, or initiate a new one, complete the entire application
(including question 6).

NAME Chris M. Drew, Chief Ranger - Baxter State Park

ADDRESS 64 Balsam Drive, Millinocket, Maine 04462

ZIP CODE

STATE OF MAINE

Inter-Departmental Memorandum

Date November 13, 1990

To Baxter State Park Authority

Dept. Baxter State Park

From Irvin C. Caverly, Director

Dept. Baxter State Park

Subject REPORT, STATUS AND RECOMMENDATION ON BAXTER STATE PARK WEST GATE

The Baxter State Park Authority voted unanimously May 11, 1990 to close the West Gate of Baxter State Park during 1990 to public usage. Some consideration was taken to assist local fishermen accessing Nesowadnehunk Lake.

The basic reasons for closing the West Gate are:

1. Low Use: The total entrants entering the West Gate is only about 5% of the total persons entering Baxter State Park. 95% of all persons entering Baxter State Park enter at the Togue Pond Gate and Matagamon Gate.
2. Poor Road Conditions and Access: Access thru the West Gate is through private Georgia-Pacific lands via the Telos Road and the Turnpike Road. The Turnpike Road is poorly maintained and is surfaced with Rip Ledge (Shale) that easily creates a flat tire problem.

Matagamon Gate and Togue Pond Gate are accessed by state maintained roads that are in a state of excellent maintenance and travel condition (Routes 157 and 159).

3. Public use of the West Gate by persons using the park road as throughfare traffic by users wishing to avoid the Georgia-Pacific road toll fees.

Baxter State Park roads are heavily enough used by persons camping and utilizing Park resources without having additional traffic for persons using the Park only as a shortcut. This creates more damage and maintenance on our gravel surfaced road system. This also creates a control problem for Georgia-Pacific our nearest neighbor.

4. Budgetary: The West Gate was operated in 1988-1989 at a deficit of \$35,789.79. The initial gatehouse start-up and operations cost was \$26,003.84 in 1988, the first year of operation. The income that same year from fees collected at the West Gate was \$2,940. In 1989 a total of \$4,062.40 was collected at the West Gate. This included the collection of campground fees.* It is not fiscally responsible for Baxter State Park to operate the West Gate at such a deficit.

The cost of operation of the West Gate will jeopardize other park employees who work at higher productivity positions. The operation of the West Gate in 1991 would necessitate the construction and renovation of a housing facility for gatekeepers at an additional cost to Baxter State Park. The Trout Brook and Nesowadnehunk Field Campgrounds have had the camping seasons dramatically shortened in 1991 to meet budget constraints based on low volume usages. Operation of the very low use and unproductive West Gate would necessitate cuts in other campgrounds or staff where productivity is substantially greater. This would create a negative impact on Park operations with respect to resource protection and public services.

* which are collectible at campgrounds

The low use of the West Gate is a major factor when considering the complete closure of the gate in 1991. The bulk of the users of the gate are transient. The majority of public use patterns of persons using the West Gate are centered on the Nesowadnehunk Lake Wilderness Campground, the public boat landing on Nesowadnehunk Lake, Camp Phoenix and persons accessing Georgia-Pacific lands.

The Nesowadnehunk Lake public landing usage by local fishermen is a relatively low figure. Statistical information on the public landing from 1987 shows an average of 1 vehicle per day in July, less than 1 vehicle per day in August and a high of 4 vehicles per day in September accessing the West Gate.

Public landing use in 1990 gathered by self-registration data shows the following total low vehicle use at the public landing of Nesowadnehunk Lake and Camp Phoenix.

<u>1990</u>	<u>Neso. Lake Public Landing</u>	<u>Camp Phoenix</u>
May	8 vehicles	11 vehicles
June	17 vehicles	24 vehicles
July	3 vehicles	8 vehicles
August	1 vehicle	4 vehicles
September	9 vehicles	7 vehicles
	<u>38</u>	<u>54</u>

Total of 38 vehicles in 4½ months

Total of 54 vehicles in 4½ months

Nesowadnehunk Lake can be accessed at 4 locations by motor vehicle. The Outlet, North Cove (2 landings) and the Public Landing.

Records and reports show that with a self-registration system that the gate remained open and that people entering frequently failed to stop and register.

The permanent closure of the West Gate will redirect Georgia-Pacific traffic to Georgia-Pacific roads. This will lessen vehicle use, reduce further damage to Baxter Park roads and will give Georgia-Pacific better control of persons accessing Georgia-Pacific lands.

The permanent closure of the West Gate would better assist park management to preserve and protect the resources of Baxter State Park by utilizing park employees in more productive and meaningful roles.

The West Gate should remain locked with public access into Baxter State Park through the north or south gates. To leave the West Gate open is similar to locking the front door of your house and leaving the back door open. It is difficult to effectively manage proper access and usage of this wilderness park unless we are consistent in our registration policy.

The following paragraph represents operating costs of the West Gate:

1.	Cost of construction of Gate, Gatehouse, Toilet	\$10,191.39
2.	Gatekeeper wages/benefits (1988) (2 persons)	15,812.50
3.	Gatekeeper wages/benefits 1989 (2 persons)	<u>16,786.30</u>

Total operating cost - 1988 & 1989 42,790.19

West Gate income:

1.	Entrance fees collected in 1988	2,940.00
2.	Entrance fees collected in 1989	2,946.00
3.	Campground fees collected in 1989 (collectible at campgrounds)	<u>1,116.40</u>

Total West Gate income 1988 & 1989 7,002.40

Deficit of West Gate operation 1988 & 1989 35,787.79

Construction Costs:	Labor	\$ 5,282.19
	Gatehouse Repair	2,524.00
	Materials	
	Gate Materials	832.00
	Toilet Bldg. Materials	608.20
	Toilet Vault	945.00 including delivery

Labor: Various employees have contributed 548.5 hours of labor at a cost of \$5,282.19.

Chief Ranger Drew, the Forest Manager and Park Naturalist and I will be available to answer specific questions as they arise on this subject.

Thanks.

ICC/sjh

STATE OF MAINE

Inter-Departmental Memorandum

Date November 13, 1990To Baxter State Park AuthorityDept. Baxter State ParkFrom Irvin C. Caverly, DirectorDept. Baxter State ParkSubject REPORT, STATUS AND RECOMMENDATION ON BAXTER STATE PARK WEST GATE

The Baxter State Park Authority voted unanimously May 11, 1990 to close the West Gate of Baxter State Park during 1990 to public usage. Some consideration was taken to assist local fishermen accessing Nesowadnehunk Lake.

The basic reasons for closing the West Gate are:

1. Low Use: The total entrants entering the West Gate is only about 5% of the total persons entering Baxter State Park. 95% of all persons entering Baxter State Park enter at the Togue Pond Gate and Matagamon Gate.
2. Poor Road Conditions and Access: Access thru the West Gate is through private Georgia-Pacific lands via the Telos Road and the Turnpike Road. The Turnpike Road is poorly maintained and is surfaced with Rip Ledge (Shale) that easily creates a flat tire problem.

Matagamon Gate and Togue Pond Gate are accessed by state maintained roads that are in a state of excellent maintenance and travel condition. (Routes 157/159.)

3. Public use of the West Gate by persons using the park road as throughfare traffic by users wishing to avoid the Georgia-Pacific road toll fees.

Baxter State Park roads are heavily enough used by persons camping and utilizing Park resources without having additional traffic for persons using the Park only as a shortcut. This creates more damage and maintenance on our gravel surfaced road system. This also creates a control problem for Georgia-Pacific our nearest neighbor.

4. Budgetary: The West Gate was operated in 1988-1989 at a deficit of \$35,789.79. The initial gatehouse start-up and operations cost was \$26,003.84 in 1988, the first year of operation. The income that same year from fees collected at the West Gate was \$2,940. In 1989 a total of \$4,062.40 was collected at the West Gate. This included the collection of campground fees.* It is not fiscally responsible for Baxter State Park to operate the West Gate at such a deficit.

The cost of operation of the West Gate will jeopardize other park employees who work at higher productivity positions. The operation of the West Gate in 1991 would necessitate the construction and renovation of a housing facility for gatekeepers at an additional cost to Baxter State Park. The Trout Brook and Nesowadnehunk Field Campgrounds have had the camping seasons dramatically shortened in 1991 to meet budget constraints based on low volume usages. Operation of the very low use and unproductive West Gate would necessitate cuts in other campgrounds or staff where productivity is substantially greater. This would create a negative impact on Park operations with respect to resource protection and public services.

* which are collectible at campgrounds

The low use of the West Gate is a major factor when considering the complete closure of the gate in 1991. The bulk of the users of the gate are transient. The majority of public use patterns of persons using the West Gate are centered on the Nesowadnehunk Lake Wilderness Campground, the public boat landing on Nesowadnehunk Lake, Camp Phoenix and persons accessing Georgia-Pacific lands.

The Nesowadnehunk Lake public landing usage by local fishermen is a relatively low figure. Statistical information on the public landing from 1987 shows an average of 1 vehicle per day in July, less than 1 vehicle per day in August and a high of 4 vehicles per day in September accessing the West Gate.

Public landing use in 1990 gathered by self-registration data shows the following total low vehicle use at the public landing of Nesowadnehunk Lake and Camp Phoenix.

<u>1990</u>	<u>Neso. Lake Public Landing</u>	<u>Camp Phoenix</u>
May	8 vehicles	11 vehicles
June	17 vehicles	24 vehicles
July	3 vehicles	8 vehicles
August	1 vehicle	4 vehicles
September	9 vehicles	7 vehicles
	<u>38</u>	<u>54</u>
Total of 38 vehicles in 4½ months		Total of 54 vehicles in 4½ months

Nesowadnehunk Lake can be accessed at 4 locations by motor vehicle. The Outlet, North Cove (2 landings) and the Public Landing.

Records and reports show that with a self-registration system that the gate remained open and that people entering frequently failed to stop and register.

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	Total operating cost - 1988 & 1989	42,790.19
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2.	Entrance fees collected in 1989	2,946.00
3.	Campground fees collected in 1989 (collectible at campgrounds)	<u>1,116.40</u>
	Total West Gate income 1988 & 1989	<u>7,002.40</u>
	Deficit of West Gate operation 1988 & 1989	35,787.79

Construction Costs:	Labor	\$ 5,282.19
	Gatehouse Repair	2,524.00
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	Gate Materials	832.00
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Labor: Various employees have contributed 548.5 hours of labor at a cost of \$5,282.19.

Chief Ranger Drew, the Forest Manager and Park Naturalist and I will be available to answer specific questions as they arise on this subject.

Thanks.

ICC/sjh

C. SCIENTIFIC FOREST MANAGEMENT AREA

SCIENTIFIC

FOREST

MANAGEMENT

AREA

1990

JENSEN BISSELL
RESOURCE MANAGER

Let us then be up and doing
With a heart for any fate,
Still achieving, still pursuing,
Learn to labor and to wait

Longfellow

FOREST ADMINISTRATION

Efforts toward long-term forest stewardship on the SFMA continued in 1990. Forest management on the SFMA is by no means routine and some new and opportunities made for a very interesting year.

1990 marked the fourth year the SFMA has enjoyed the continued support and commitment of the SFMA Advisory Committee. The Committee met three times in 1990, (January, April and September) and as usual the highlight was the field tour in September. The field tour included all the usual stops including the Coffeelos Camps, new road construction and as many of the different forest operations as time would allow.

The past year also saw the resignation of two long-standing SFMA Advisory members, Jerry Bley and Winn Robbins. Both of these individuals contributed substantial time and energy in the effort to help realize Governor Baxter's idea of exemplary forest management in Maine. Their contributions and commitment was highly valued and their presence on the committee will be missed.

In September the SFMA was toured by a group of approximately 40 people from the Bureau of Public Lands. The tour was organized by Del Raimy, Northern Regional Forester and was composed of personnel from all disciplines within the Bureau (including Joe Wiley who, as a sideline to serving on the SFMA Advisory Committee, also moonlights as a wildlife biologist for the Bureau). Park Naturalist Jean Hoekwater also attended and provided needed logistical support. It was a great group and a thoroughly enjoyable and interesting afternoon.

Earlier in the summer, the SFMA was toured by an international guest. Ben Kanza, Deputy Director of the National Park System in Tanzania spent a day on the SFMA discussing a wide range of management policies, problems and experiences. Ben's experiences in Tanzania were fascinating and the tour was

informative for all involved.

In August, executives out of Georgia Pacific's Atlanta office visited Baxter Park on a tour organized by Authority member John Cashwell. The party made a circuit of the SFMA (via helicopter) and landed for a short time to view some of the harvest operations and equipment.

Throughout the year work continued on the Coffeelos crew camps. Although the majority of the work was completed in 1989, the finishing of lodging quarters in the old Kidney Pond camp, application of preservative to all camps, and general yard cleanup was completed. Presently, each of the three camps will comfortable house two people. When both road construction and harvest operations are in full swing it can become necessary to bunk three to a camp. These are difficult conditions for all involved and hopefully these instances can be limited to brief periods of time. Prior to winter weather the 10K generator was also serviced. The remoteness of these camps makes them difficult and expensive to maintain, however they are absolutely essential to successful operations in the SFMA.

The Coffeelos campyard underwent a drastic change in 1990. A number of old camps, remnants from earlier operations, were removed from the site or burned on the spot. The Bureau of Public Lands purchased one of the better older camps and moved it to a different location in the campyard. The camp was then completely remodeled to serve as housing for summer marking crews and occasional winter overnights. At the same time, the Department of Inland Fisheries & Wildlife installed a new modular home on site to serve as housing for a Game Warden. The Warden, Bruce Farrah, moved in at year's end and is a welcome addition to the area. Since Bruce and his family are living on the site, there will now be a permanent presence and much greater security at the Coffeelos camps.

The access policy for the SFMA, developed in 1989, was again implemented in 1990. The Murphy Road gate was closed and locked on March 22, after winter operations concluded and the onset of spring weather began to soften roadways. The gate was opened on May 10, after roads had dried sufficiently to permit vehicle use. The fall of 1990 was a wet one winter roads and new road construction were blocked with single logs to discourage vehicle access to these vulnerable sites during hunting season.

The SFMA saw considerable recreational use during the hunting season of 1990. A recurring issue in SFMA management has been the lack of any baseline data on actual use numbers on the SFMA road system. In the early fall of 1990, self registration boxes were installed at both vehicle access points (Murphy Brook and Wadleigh Mtn. Roads). Inside the boxes were small cards as seen below:

BAXTER STATE PARK
Scientific Forest Management Area

VISITOR REGISTRATION

TODAY'S DATE: 11/5/90
YOUR NAME: James McKittrick
VEHICLE LICENSE # 31 D
(include state)
NUMBER IN PARTY: 2

ACTIVITY: (circle one or more)

Forestry Hunting Hiking
Fishing Sightseeing Trapping

THANK YOU FOR COMPLETING THIS
CARD. PLEASE TREAT OUR FOREST
WITH RESPECT AND ENJOY YOUR
STAY.

BSP-95

A small sign requested visitors to register. The results of the self-registration provide the first baseline data on hunting use in the portion of the SFMA accessible by vehicle from the Telos Road. It is apparent that as road construction improves access recreational use, particularly hunting, will also increase. Unless other policies evolve in the future to restrict vehicle access, increased use will almost certainly be expected. The data collected from the registration cards, and compiled as follows, will provide a basis for assessing changes in use over time.

REVISED 12/10/90

DEER HUNTER REGISTRATION STATS, SFMA - 1990

DATE	NORTH ENTRANCE			SOUTH ENTRANCE			SFMA TOTAL		
	ALL	NOT ME.	CREW	ALL	NOT ME.	CREW	ALL	NOT ME.	CREW
OCT 27	5						5	0	0
28				2			0	0	0
29							2	0	0
30	2						4	0	0
31	2			2			6	0	0
NOV 1	6			3	2		10	4	0
2	7	2					2	2	0
3	2	2					3	3	0
4	3	3					10	2	2
5	10	2	2				10	2	2
6	8		2	2	2		10	6	2
7	10	6	2				21	7	6
8	16	5	6	5	2		12	2	3
9	9	2	3	3			13	2	3
10	10	2	3	3			2	2	0
11	2	2					15	5	8
12	15	5	8				10	8	2
13	8	6	2	2	2		6	3	2
14	2		2	4	3		3	1	0
15				3	1		2	2	0
16				2	2		4	4	0
17				4	4		0	0	0
18							1	1	0
19				1	1		2	0	2
20	2		2				2	0	2
21	2		2				6	2	0
22	6	2					2	0	0
23	2						10	0	0
24	8			2					
HUNTER/DAY TOTALS	137	39	34	38	19	0	175	58	34
% OF ALL		28.47%	24.82%		50.00%	0.00%		33.14%	19.43%

CONSIDERATIONS:

- Figures are minimum, estimate at least 50% failed to register and ran out of cards on N. end
- High % attributed to crew use is because the crews were conscientious in registering
- Registered 13 hunter/days for bird hunting on S. entrance, none on N. entrance
- Other registered visits include:
 - Public Lands forestry tour - 40 people
 - repeated entries by individual live trapping pine marten for IF&W
 - One individual entering N. entrance to recover canoe from Webster Stream

Signing and information/education efforts continued in 1990. A small pamphlet is now available on a limited basis offering a general overview of the basis of management on the SFMA and answering some common questions. Road signing has continued as new road construction is completed. No informative signing was posted in 1990, but two areas have been identified and sign preparation is in progress. Visible marking of operating block numbers at corners adjacent to roadsides continues as time permits.

An administrative detail of interest was the completion of the 1990 harvest summary as required under the Forest Practices Act of 1989. From a forest management perspective, an operating year runs from the onset of summer when operations begin, to spring break-up, when operations are suspended. To protect sites, roads and forest stands, forest operations involving machinery and equipment typically begin operations on the SFMA in early to mid-June and end around mid March and encompass about 40 operating weeks. Both weather and markets can effect the length of season. For in-house purposes, the harvest summary is compiled on the June to March operating year basis (which also corresponds well with the fiscal year schedule of July to June), however the Forest Practices Act requires a calendar year summary. The 1990 calendar year Harvest Summary is included below.

SEMA HARVEST SUMMARY
Calendar Year 1990

1990 HARVEST BLOCKS

	ACCESS	BLOCK	CREW	ACRES	PULP (M-lbs)				LOGS (Mbf)			VOLUME	VOLUME
					PINE	S/Y	ASPEN	MYD HDWD	SPRUCE	PINE	BIRCH	TOTALS	TOTALS
												(CORDS)	(CDS/AC)
1/90 to 4/90	BRR	C9845W	5	58	129.66	1615.52	1243.84	357.05	54.49	42.71	9.15	977.16	16.74
	T-LINE	C485W	4	37	43.40	3087.48	65.93	245.13	89.49	1.75	9.16	1029.48	27.80
	BRR	C983	4	9		385.55	70.78		27.17	13.52		197.36	21.93
6/90 to 1/91	BRR	C989	4	17		546.29	70.38	63.98	21.49	4.38		208.68	12.28
	BRR	C9811	4	22		1770.90	181.24		41.47	11.71		564.25	17.62
	LNG PN	C489	5	35		981.17	363.44	159.90	60.75	35.02		529.82	15.14
	W.SPUR	C9819&14	5	36		1344.95	772.59		45.21	16.75		538.66	16.63
	E.SPUR	C9817	5	10		327.70	145.94		10.06			127.33	12.73
	T-LINE	C988W	4	20		759.40	139.62		22.12			257.35	3.58
	T-LINE	C482W	5	15		659.40						157.00	10.47
	BRR	C9819	BLODIN	8		352.20			23.43			140.72	17.59
	BRR	C9820	BLODIN	17		294.79			9.31			89.81	5.22
	**	BLOWDOWN	2,4	**		710.60			9.90				
TOTALS				304	172.06	12946.05	3158.80	626.12	420.79	131.84	18.31	5058.42	16.64
										TOTAL LOGS	570.94	1141.89	23%
										TOTAL PULP	17103.03	3916.53	77%

1990 HARVEST ROW

ROW	CREW	FOOTAGE	W/S	ACRES	PULP				LOGS		VOLUME	VOLUME
					S/Y	ASPEN	MYD HDWD	SPRUCE	PINE		TOTALS	TOTALS
											(CORDS)	(CDS/AC)
BBR	5	1000.00	S	1.3	347.80	66.74	273.64	19.11	30.10		249.31	22.66
(BBR includes W & E Spurs & Ext.)												
W.SPUR	5	2500.00	S	3.2								
E.SPUR	5	2500.00	S	3.2								
W.SPR EXT	5	2600.00	S	2.3								
OLD CNP	4	2640.00	S	3.3	75.05			10.03			33.94	11.41
BRR	5	5280.00	S	6.7	1214.60		290.46	35.67	3.83		426.29	42.63
MRTN BK	5	2640.00	W	3.3								
N. LINE	4/5	2600.00	S	3.3	469.90			29.41			170.70	33.47
(Main road only)												
N.LINE spurs												
SPUR 1&2	4	600.00	W	0.2								
SPUR 4	4	800.00	W	1.0								
ANTLER	5	1800.00	W	2.3	354.60			11.02			106.47	46.29
TOTALS		24960.00	S	31.5	2461.95	66.74	564.10	105.29	33.94		990.81	31.44
		5840.00	W	7.4						TOTAL PULP	712.35	72%
		30800.00		38.9						TOTAL LOGS	278.46	28%
		(5.3 miles)		(assumes 55' ROW)								

CONVERSIONS:
4.2 M-lbs = 1 cord softwood
5.0 M-lbs = 1 cord hardwood
1 Mbf = 2 cords
BBR = Brayley Ridge Road
BBR = Brayley Brook Road

1990 was a fair year for the SFMA economically, although harvest production, and therefore revenues, were somewhat under projections due to a smaller operations crew and wet weather. Wood product markets mirrored the overall sag in the economy, especially toward years-end, and 1990 prices showed a noticeable drop from 1989 prices. Markets for spruce/fir pulp remained good, and spruce logs remained strong although not up to 1989. With the national sag in housing starts and new construction, the red-hot white pine market of the 80's continued to soften with the SFMA's major market for white pine completely disappearing by the end of October. When road tolls are included, SFMA markets for tree-length aspen spp. continued at a break-even basis, and pine and mixed hardwood pulpwoods remained as losing markets.

Efforts continued this year to provide for firewood needs on Baxter Park. In total, approximately 100 cords of firewood were shipped to different areas of the Park for a variety of uses, including campfire wood at Daicey and Kidney Pond Campgrounds and heating wood for campground rangers, study groups and the maintenance garage at Park Headquarters.

The successful marketing of SFMA forest products is due, in large part, to the efforts of the SFMA woods operations contractor, Randy Cyr. The remote location and structure of transportation routes will require continuous efforts in the future toward building and maintaining good markets for SFMA products.

FOREST OPERATIONS

Fieldwork

Regardless of any definition of "operating season", fieldwork continues year round as long as weather and access conditions permit. Planning, organizing and implementing activities over an area the size of the SFMA demands lots of time simply walking through the woods looking. First the "lay of the land" must be learned followed by the arrangement and nature of forest stands and their development. As this first and important step is slowly accomplished the more specific details of access layouts, the division of areas into operating units, and the identification of unique or sensitive sites can be addressed. Eventually the point is reached where distinct areas can be closely scrutinized in regard to resource concerns, stand development and, if needed, specific operating plans. Depending on site characteristics, individual management units may range from less than 10 acres to 50+ acres with the average block being around 30 acres or so. Each of these areas is examined and collected data, visual impressions and recommendations and prescriptions are recorded in a standard format called an activity plan. In addition to these new areas, management units that have undergone some stand treatment such as a harvest, are surveyed and post-operative comments and data are added to the original activity plan.

Over the course of a year, this fieldwork will result in 300 to 400 acres receiving some level of stand treatment and 3 to 6 miles of new road construction (usually about 65% summer road and 35% winter road). Assistance in this portion of SFMA responsibilities is provided by John Mills. John is a registered professional forester under contract with Baxter State Park for assistance in management efforts on the SFMA. Typically, John works one day per week in the company of the forest manager. John is a valuable asset in completing the workload described above.

Stand Treatment

1990 saw approximately 300 acres worked in some form of stand treatment. The majority of the work was some level of shelterwood cutting, although the partial cut removals sometimes took the form of narrow 15' or 25' strip cuts or 1/4 acre patch cuts. Most of the stands prescribed for shelterwood cutting are marked prior to operations. In most cases the trees to be cut are marked with paint. Occasionally, it is the trees to be left that are marked. In either case, every tree in the stand receives the attention of a forester prior to harvest. Over the course of a year considerable time is spent in this

labor intensive activity. In all marked shelterwoods, removals are based more on tree quality and vigor than any definition of diameter. In most cases it is our desire to identify the stems with the most promise for continued or possible growth and increase in resource value. Resource value includes economic considerations as well as values related to the forest system such as wildlife, stand stability, and diversity. There is a conscious attempt to improve the diversity of the forest systems of the SFMA by utilizing a variety of approaches to stand treatments over a given area.

Randy Cyr has continued to provide excellent service as the SFMA woods operations Contractor through 1990 and supplied excellent work in all areas. Appreciation for this service was voiced on a plaque given to Randy in November by the BSP Authority.

Harvest crews on the SFMA remained essentially the same as 1989, with the exception of working the majority of the year with one 1-man crew and one 2-man crew instead of two 2-man crews as was the case in 1989. This change resulted in a loss of production, but the same high level of quality was maintained in the operations. An additional crew was looked for throughout the year and at year's end another crew was added. This individual has proved to be an excellent addition to the harvest crews on the SFMA. Overall, harvesting was hampered this year by rainy conditions that extended throughout the summer and increased in the fall. This resulted in a number of lost working days due to wet conditions and an erratic hauling schedule as roads were allowed to dry. Severe windstorms in the spring and fall resulted in roadside blowdown harvest operations totaling 20 crew-days.

Randy Cyr's 1990 SFMA crew is as follows:

Harvesting

Crew 4: Jamie Cunningham
Crew 5: Mark MacDonald
Doug Cunningham
Crew 2: Solomon Shaw (began Dec. 1990)

Wood Preparation, loading, plowing, sanding etc.

Alston Crandall

Road Construction

Brian Boutlier
Jim Slaunwhite

In addition to the fine work of the personnel above, 1990 saw the addition, in a demonstration capacity, of a very different type of harvesting system. In August, an 8 acre block was shelterwood harvested by a Swedish Rottne 860 carrier equipped with an EGS-85 processing head. In short, this small machine works through the woods performing all functions necessary to ready the wood for market. Trees are grasped, severed at the stump, delimbed and cut to appropriate lengths based on size and quality to produce either logs or pulpwood. A second machine then loads and transports the pieces to roadside for transport to market. The demonstration in August and subsequent work through the winter has allowed the SFMA contractor a reasonable period to view the system in a working environment. Permanent sampling plots were also established in the stands prior to operation so the silvicultural effects of the harvest could be accurately evaluated. At various times during the demonstration, the site was visited by SFMA Advisory, BSP Advisory, and a number of other interested parties. This type of experimentation toward developing better forest practices is an integral part in the management philosophy developed from Governor Baxter's Trust Deeds for the SFMA.

From a silvicultural standpoint, the results of the demonstration indicated many positive attributes of a system such as this in stand treatments on the SFMA. On the downside, the machines are very expensive and would require considerable training and commitment on the part of the contractor. Overall, the demonstration was a definite success and the personnel from Blondin, Inc. (the US division of Rottne) should be commended for their efforts. Perhaps in the future, these machines and the shortwood system will find a more permanent place in the operations of the SFMA.



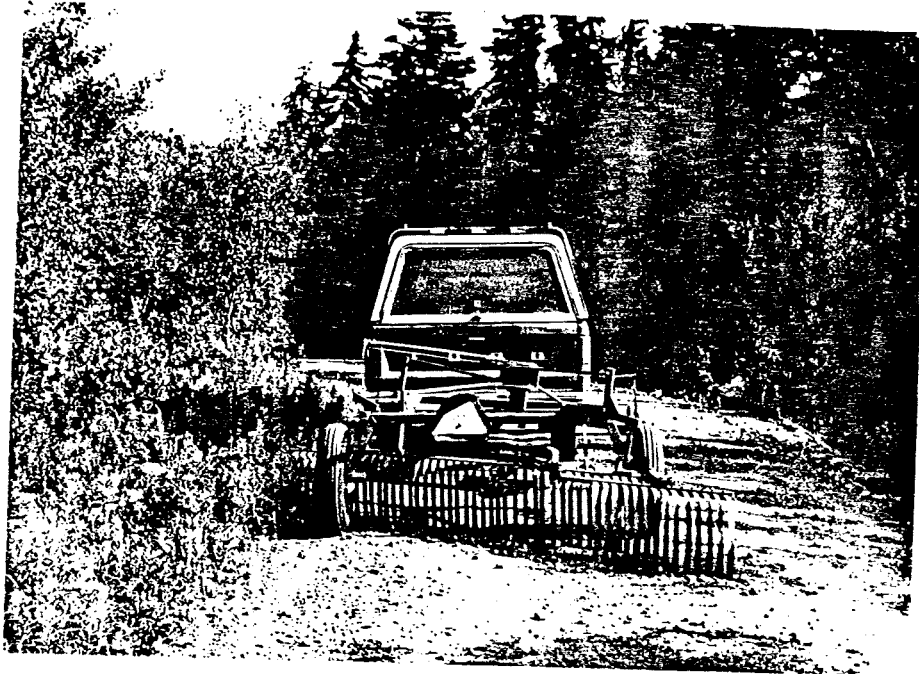
Roads

Road construction continued on the SFMA in 1990 with 30800' of road constructed (24960' summer, 5840' winter). This total is somewhat misrepresentative of 1990 since some footage (approx. 10,000') was constructed in December and should be regarded as 1991 work. The road construction crew worked during two periods, mid-summer (July-August) and early winter (December), and utilized the Coffeelos Camps for lodging while work was in progress. Building summer road during the winter was a first for the SFMA, but by all accounts the effort appears successful and the winter-built road promises to be ready for use in mid-summer of 1991. As in the past, road construction utilized a hydraulic excavator and bulldozer in combination. Right-of-ways were maintained at about 55' in width. The operator of the excavator has a great influence on the quality of the finished road. Brian Boutilier, has run the excavator on SFMA construction for three seasons, and his work ethic and experience on the area have contributed to an excellent road system constructed on sometimes difficult materials and terrain. Brian is complimented by his co-worker on the bulldozer, Jim Slaunwhite. Jim's attention to minimum impact and esthetic concerns in SFMA road construction is greatly appreciated.

Two hemlock timber stream crossings were constructed in 1990. One crossing spans the South Branch Brayley brook on the Brayley Brook Road and the second crosses Halfway Brook on the Brayley Ridge Road. These are simple bridges with short (8-12') spans and are constructed with squared hemlock timbers fastened with 18" steel pins. The deck is supported by timber and 18" I-beam. These crossings are esthetic, economical and unlike a culvert do not alter the existing streambed or require significant fill. Each crossing was constructed in a little over 1/2 a working day. Approximately 20 metal culverts and 10 wooden culverts were installed in 1990 construction. In general, metal culverts are installed on summer roads and wooden (cedar) culverts are installed on winter roads. Culverts are a significant portion of road construction costs and the search for efficient sizing and materials for culverts continues.

Road Maintenance

All roads used for timber haul were graded in 1990 including the 7 miles of Public Lands road leading to the SFMA from Georgia Pacific's Telos Road. After the roads are graded, periodic attention with a rock rake helps set and maintain the road surface in a smooth, hard condition.



Signing

The program of signing SFMA roads and places continued in 1990, with West Spur, East Spur, Old Camp Road, North Line Road, Antler Road, Marten Brook Road, Compartment 11, Brayley Brook and Halfway Brook being added to the list of signs in place on the SFMA.

Seeding

1990 marked the first year that ditch and cut-bank seeding of new road construction was accomplished with an improvised truck-mounted broadcast seeder. This seeder is powered by the vehicle battery and is mounted on a sliding post which can position the seeder to broadcast out over the ditch or directly behind the vehicle. This arrangement proved very successful in the spring seeding work of 1990 cutting a week or more of work with a hand seeder to about 3/4 of a day. The seeder was also used through the summer as road construction was completed and exposed road edges were seeded down. Seed mixes included creeping red fescue, ryegrass, oats and a coated seed mix of ryegrass, clover and fescue. Approximately 2000 lbs of oats, 400 lbs of fescue and 400 lbs of coated mix were applied to SFMA roads. About 500 red and white pine seedlings were also planted in a variety of roadside areas.

Burning

As much as possible, efforts are made to find a market for wood brought roadside in SFMA operations. Unfortunately, some wood ends up as unmerchantable waste. This wood is collected early in the season and piled at a central location. Again this year, assistance was provided by the Maine Forest Service in the reduction of this waste wood via burning. Approximately 16,000 cubic feet of unmerchantable wood, primarily rotten aspen, white pine and white birch topwood, were successfully burned in mid-November. Thanks go to MFS District Ranger Don Copeland and Forest Ranger Dave York for their innovative assistance in this endeavor.

OTHER ACTIVITIES

In late spring the forest manager and park naturalist participated as part of a team of instructors in a 2 days of sessions of natural history with the Millinocket 7th and 8th grade science class field camp on Upper Togue Pond.

A variety of spreadsheet work was accomplished for miscellaneous Park interests including some of the stat sheets in this report and a spreadsheet allowing trial runs of fee schedules for the BSP Fee and Rate Sub-Committee. A spreadsheet that required considerable time was also developed to track the operational expenditures of the Park against the budgeted amounts determined by the annual work program. After the departure of the Park Business Manager in September this spreadsheet was proposed as a method whereby expenditures could be monitored on a week-by-week basis if necessary and changes in work program allotments decided by consensus at staff level budget meetings. After an early period of hard work to transfer ledger data and "catch-up" this program appears to be working very well and promises to be a mainstay of work program expenditure tracking in the '92-93 biennial which begins in July of 1991.

The departure of the business manager has resulted in an increased workload carried by Park staff. For the forest manager the increase included a seat on the BSP finance committee. This committee has worded toward defining policies guiding the wise investment and use of trust funds under the control of the BSP Authority.

Six BSP Authority meetings were attended and SFMA policies and updates presented as needed.

Outside the Park, significant time was spent in early spring on trial harvest demonstrations of a shortwood harvester that could possibly be applied to SFMA operations. The machine, dubbed the "ELIMB-N-ATOR", is a smaller excavator carrier and boom modified to carry a processing head capable of severing, delimbing and bucking stems in the woods. The machine became available for demonstration in April when the SFMA is largely inaccessible to vehicle and too wet for machine operations. SFMA Advisory member Chuck Gadzik graciously offered an area on Baskahegan Lands for trial harvest runs with the machine. Randy Cyr supplied an operator to train on the machine in the demonstration. Three different areas were marked for cutting, each offering a different type of removal, both in layout and amount. The demonstration was very informative, but in general, the machine was found to be unsuitable for the majority of stands and prescriptions that would be typical on the SFMA. Thanks to both Chuck Gadzik for the use of Baskahegan Lands, and to the personnel at Central Equipment of Stillwater for their efforts at an honest and informative trial.

In mid summer, the forest manager accompanied other Park staff to an exchange with a Russian delegate charged with park development and land management in the Soviet Union. The exchange was organized by Authority member and Maine Forest Service Director John Cashwell and was held at the Sewall Co. in Old Town.

Two meetings were held with Georgia Pacific personnel this year. The first was an informal exchange of plans and policies held shortly after the GP/GNN takeover became official in early summer. The second was a get-acquainted visit in August paid to the Park by GP officials from the Atlanta office.

Significant progress was made this year in management work on both the Harpswell Lot and the Mt. Chase Lot. Work on the Harpswell Lot included a meeting with interested local parties on the future management of the lot, contracting local labor to smooth ruts, drain water and block an unofficial 4-wheel drive road on the lot. Property line reconnaissance of the lot in November also led to discussions of use with local hunters. The road maintenance agreement with the Long Reach Road Association was also reviewed. More work on this area is anticipated for next year.

Good progress was made on efforts to restore the Mt. Chase lot to management status. During the spring, George Ritz, a professional forester contracted by the Park, inventoried the 200 acre parcel and reported on current stand status and recommendations for management of existing resources. This material will be summarized in 1991 for presentation to the SMFA Advisory for comment and then to the BSP Authority for approval as a working document for management activities. If approved, management activities on this tract will commence in the winter of 1991.

CONCLUSION

I'd like to take some space to thank all those individuals who have been involved through 1990 in helping the SFMA move along the path toward Governor Baxter's ideal. From my perspective, the successful accomplishments of the SFMA over the past years have only been possible through the efforts of a great many people. We have a long way, many years and much work to do before there is time for rest but the continued efforts and commitment of the SFMA Advisory Committee, Randy Cyr and crew and the continued support of the BSP Staff, Advisory Committee and Authority make Governor Baxter's idea of the SFMA something that can be realized more and more as time goes on.



D. INFORMATION EDUCATION

INFORMATION/EDUCATION
JEAN HOEKWATER, BSP NATURALIST

The 1990 year was full and productive. The Naturalist position continues to act as a liason between the Park as an Agency and the general public. The following pages cover some of this year's activities in brief:

PUBLIC PROGRAMS & CONTACT

For the sake of public records, the following list includes recipients of naturalist talks and presentations given at no cost to the requesting agencies on behalf of resource protection (listed in chronological order of occurrence, January - December 1990).

Oakfield Seniors
Patten Women's Club
Mattawamkeag 4th grades
Island Falls Katahdin Club
Sherman Station Pamola Club
Millinocket Cub Scouts (Leader: Sprague)
Katahdin High School - Teacher's In Service Training
Molunkus Fish & Game Club
Benedicta 5th and 6th grades
Sherman Jr. High
L.L. Bean Earth Week '90 Seminars
Oakfield Seniors
Boy Scouts (Tom Folsom, Leader)
Graham School - Veazie
Island Falls Senior Citizens
Roger Merchant - 10 High School students, Orientation & Horse Mt. field trip
Girl Scouts - Millinocket
Millinocket Middle School - Katahdin Stream Field trips, 2 full days
East Millinocket 5th grade, Katahdin Stream Falls field trips
Millinocket 7th & 8th grade science field camp - 2 days (with Park Forest Manager Jensen Bissell)
High Adventure Boy Scout Base, Howland, orientation to Katahdin area - opening evening of week-long training for leaders
Hampden Visitor Center - training session for staff
Natarswi Girl Scout Camp - Park orientation and S. Turner training field trip for leaders
College of the Atlantic - Museum of Natural History - Park orientation
Millinocket Cub Scouts (leader: Leslie Jenkins) - field trip up Trout Brook Mt.
State Association of Retired Teachers - summer meeting - Milo
Coordinated 2 guest speaker programs for Daicey Pond: Pine Marten Research and Natural History and an evening of stories told by Jr. York.
Led one nature walk for Daicey evening program as well
College of Atlantic - Museum of Natural History - slide show and Park orientation
Hogdon Elementary

Fort Kent High School - field trip orientation
Millinocket Historical Society
University of Maine Machias - with Buzz Caverly - 1/2 day on BSP:
origin, governance, resource management policy and current issues

Due to time and budget constraints, scheduling of programs is based on the following priorities:

- 1st: Group leaders using the Park or personnel of any agency giving out information on the Park. The training of leaders, teachers and agency personnel serves us by relaying information about the Park to all those they associate with in their job.
- 2nd: Senior Citizens - no longer able to enjoy the "people's Park" - we try to take the Park to them.
- 3rd: Local scout and school groups - they should have a first-hand opportunity to learn about the resource in their back yard.
- 4th: Assorted clubs and groups looking for a program/speaker.

In addition to standard programs offered by the Naturalist, the Park occasionally takes part in what might be called "exchange" programs in which several staff members become involved. 1990 was notable for two such exchanges. The first exchange took place in the spring when a Russian delegation was in Maine, touring our State to view natural resource management, amongst other things. Authority member John Cashwell learned that one member of the delegation would be meeting with the James Sewall Co. in Old Town to view state-of-the-art mapping techniques. As Director of the Maine Forest Service, he was asked to coordinate the meeting. At his request Park Director Caverly, Forest Manager Bissell and Park Naturalist Hoekwater attended and provided a slide program and written materials pertaining to the Park. The delegate was charged with the development of a management plan for a park of several million acres in Russia and had questions relating to our economic structure, accommodations and law enforcement. Despite language barriers, both groups gained information and enjoyed the rapport shared by resource managers worldwide. A slide of a moose prompted the Russian delegate to proudly announce that Russia was holding an International Moose Symposium in the near future, should we be interested in attending!

The second international exchange of 1990 occurred during the Park's 1990 camping season. In addition to the Park Director, Chief Ranger, Forest Manager and Park Naturalist being involved, field staff and even some Park volunteers were part of this event. Ben Kanza, Deputy Director of the National Park System in Tanzania visited the Park at the tail-end of a 9 month stint in the U.S. Ben had been sent to observe and learn as much as he could from the natural resource professionals in the U.S. He stayed with Dr. Ray Owen, a Park Advisory member, and through discussions with Dr. Owen and other professionals in the State, it was decided that BSP would be a good place for him to visit. Ben spent 5 days in the Park and covered plenty of territory. Park Director Caverly assigned host duties to various staff during the week and coordinated the logistics. Buzz made it possible for Ben to view and learn about most of the Park, in-

cluding the SFMA, Matagamon-Webster region, Katahdin region, Russell Pond and more. Ben also observed management and field staff performing their duties and spent time with an MCC and Volunteers for Peace group. The duration of his stay even permitted a trip to Aroostook County, which he had not yet visited during his 9 months in Maine. He was very interested in seeing lands managed for agriculture: the soil, crops grown, climate, etc. At the conclusion of his visit, he summarized the similarities and differences between his tasks and ours. He pointed out that serious problems with poaching (as a result of the marginal living otherwise available to local populations) which can result in the death of his rangers. He regaled us with tales of wily baboons and assured us that raccoons, squirrels, chipmunks and the occasional bear don't wreak anywhere near the havoc a growing population of baboons can produce. Finally, he noted that we are at a different stage in our management; we worry about how to keep the Park from being trampled by enthusiastic nature/wildlife lovers and we devise policies to prevent undue numbers from damaging the wilderness they value so highly. Ben faces the challenge of promoting his parks until they inspire a dedicated following of people who will be advocates for parks and wilderness reserves. He is hard at work justifying so many lands set aside as preserves while we face the challenge of wilderness "demand" far outstripping "supply." The extended time allotted and Ben's marvelous communication skills made this a very enlightening and beneficial exchange. It is good to know from afar the treasures of Kilimanjaro, the Serengeti and more are under the care of such dedicated professionals.

AGENCY REPRESENTATIVE

The Park Naturalist, as part of her duties, interfaces with many other agencies, usually in concert with other BSP staff, but sometimes as the sole contact person. Each year these duties are likely to increase, as the Park enters an era in resource management typified by multi-agency policy and trends/challenges best addressed through associations with other individuals and agencies. Below are brief descriptions of some of the capacities in which the Naturalist position, along with co-workers, represents and attends meetings.

The Park:

- Meetings with Georgia Pacific - both Atlanta, GA, management and local management. Dialogue on issues directly affecting Park lands.
- Meetings with other agencies and local leaders regarding disposal of Park's solid waste and implications of our policy.
- Meetings with the Maine State Critical Areas Board of Directors regarding nominated Critical Areas within BSP.
- Meetings with the Maine Endangered Plant Technical Committee (especially with regard to field trips in Park, our policy on collecting of specimens, etc.)
- Meetings to plan for Natural Areas Association proposed national conference in Maine in 1993.
- Contact and resource for writers/historians such as G. Kerivan

and R. Villani.

- Contact and field resource for Maine State Ecological Reserves study.
- Park representative at annual Josselyn Botanical Society meeting.

PROFESSIONAL ENRICHMENT

Maine Bird Conference - 1 day, University of Maine at Farmington, Maine, Maine Endangered Plant Conference 1 day, University of Maine, Gorham, Animal Immobilization Clinic - 1 day, Churchill Dam, Maine Geological Society - field trip down South Branch Brook in Baxter State Park.

RESERVATIONS DIVISION

Opening Day 1990 was hectic as the following reflects:

(Excerpt from Buzz's memo)

"Let me take this opportunity to promptly and properly say a very special thanks to each of you for the hard work and dedication that you demonstrated this morning in providing public services to the 110 people that arrived at Park Headquarters. As of 1:45 this afternoon, that was the count and that was the time the last reservation was processed holding over from the 7:00 A.M. attack. Also as of that time period, we had taken in over the counter and in the mail \$58,563.00.

As I mingled and observed the activities this morning, I was amazed at the amount of pressure each of you were under - people wall-to-wall and phone calls ringing off the wall. I believe most of you were on your feet at the counter for over 5 hours making entries and collecting fees while others wrote up receipts and tended phone calls - a day's work that you can all be very proud of."

In the spring of 1990, Reservation Supervisor Janice Caverly and the Park Naturalist Jean Hoekwater spent the day in Augusta learning about their computerized reservation system. State Park personnel were very candid about the advantage and disadvantages and showed us several applications. Herb Hartman and Steve Curtis also visited with us and talked about set-up costs, support personnel, phone systems to use in conjunction with computers, etc. All in all it was a very instructive day spent with a sister agency, though the suitability of their system for our particular needs does not seem guaranteed.

In April, staff reviewed the winter '89-'90 season and made suggestions which were incorporated into the 1990-91 winter information packet. The rule-making process for fee changes was initiated, resulting in a change from \$10 per night per person to \$20 per night per person.

Additional rule changes were changes were: #5 Check-out, check-in time at Daicey changed to 11:00 and 1:00 respectively vs. noon for both, and #18 a clause banning even the transport of ATV, motorcycles through the Park. Many thanks to Roxie McLean for her support during the long process of rules changes.

Regulations and free hand-out maps were reprinted. The primary changes in the hand-out map included eliminating several incorrect portrayals of West access to the Park, the trail to Katahdin Lake (which is out of Park jurisdiction), adding information on Kidney Pond and correcting general information on the back.

The seasons in the 14-week Clerk II (reservations processing) and the 20-week phone receptionist were switched, thus giving us more help with processing reservations in the spring and early fall.

Further changes affecting this division can be found under the discussion of the Fee and Rates Sub-Committee meetings later in this report.

Certainly, we are lucky to have our qualified and dedicated staff in the reservation office. Each individual shares their extensive knowledge daily and ensures that Park visitors enjoy their trips safely. Each one performs many duties, wears many hats and does enormous amounts of paperwork. In short, these people are priceless!

SEE Reservation statistics in the Appendix.

SFMA

Throughout the year the Park Naturalist takes the opportunity to stop in and view operations underway in the Scientific Management Area, assisting whenever asked in providing knowledge pertinent to the resource inventory. This year, one of the highlights of such visits was a chance to view the work of the Swedish "Blondin" harvester. This machine did a fine job in some marginal stands, working in amazingly close quarters, producing minimal soil and stand disturbance. The harvested blocks are also aesthetically pleasing in their final appearance. The Naturalist also was able to provide logistical support for the first large tour of peer professionals since harvesting has resumed in the SFMA. The Bureau of Public Lands spent a full day touring SFMA operations, as part of an agency-wide workshop on lands in their northern region. It was a very successful visit with thoughtful questions and dialogue between the two agencies. In future seasons, the Naturalist will continue to stay in close contact with BSP Forest Manager Jensen Bissell, and help foster an understanding and appreciation for this unique yet integral part of Park operations via dozens of public programs throughout the year.

RESEARCH

Caribou Project

On January 9, 1990 the Baxter State Park Authority voted to deny the Caribou Corporation's request to release more caribou within Park boundaries. The project continued with a spring release of animals just outside the Park on the east side. The released animals included pregnant females, 4 of which gave birth. One calf was a victim of bear predation, 2 others died (reason unknown) and one survived, was collared and roamed in the wild with its mother for over 3 months before meeting its death.

At the time of this writing, all plans for subsequent releases are abandoned. The Project's biologists indicate that the Corporation would need one-time releases of at least 100 animals to off-set predation and other mortality factors. The larger number would cause the released animals to act as a herd and they would fend off predators more successfully while being assured proximity necessary for reproduction.

The Caribou Project began as a dream and like all dreams, on the road to fruition it encountered some rough spots. Project coordinators and biologists did all they could to address communication problems with the Park in 1990; their weekly reports served the Park's needs well. Unfortunately many factors were not so easily remedied by Project officials, such as predation, disease and growing expenses; these factors contributed to the decision to discontinue releasing caribou.

The Project contributed a great deal of knowledge to the science and art of large mammal re-introductions. Even now, there are efforts in progress which will build upon the hard-won knowledge of the Maine Caribou Project. Though the final results may not have been according to plan, the Project was both a re-introduction and an experiment. As an experiment, it will continue to offer insight to scientists in the upcoming era of wildlife restoration work.

Pine Marten Project

Beginning in October of 1990 (original starting date was 8/1/90), field work for the cooperative study on Pine Martens began in the Park. The following report was submitted on 10/31/90: (See Appendix.)

Alpine Plant Community Study, Cont.

Botanists Don Hudson and Charlie Cogbill returned to Baxter in 1990 to investigate summit vegetation of two more peaks, for comparison with vegetation communities on Katahdin. In July 1990, they investigated N. Turner and Mullen Mt., both trailless summits. Janet McMahon, Ecological Reserves Program, Brendan Curran, Russell Pond CRI and Jean Hoekwater, Park Naturalist, climbed N. Turner 2 days before the botanists and while recommending to the botanists the best route to the top, mentioned some fairly old trees they might be interested in. While passing through the stand, Hudson and Cogbill took increment borings on two trees discovering one to be at least 423 years old (the center core was damaged so this is a conservative estimate), second oldest known tree in New England! McMahon, Curran and Hoekwater accompanied both botanists to the summit of Mullen Mt., also searching for old growth on the upper slopes, but that day yielded only scratches, bug bites and a gorgeous view of the countryside. The study of these two summits was certainly overdue and we are fortunate to have such qualified botanists willing to work to understand the Park's natural systems (see Appendix to this section).

Historical

Though it does not qualify as research per se, this is the best place to acknowledge that as the Park enters its 7th decade there is a growing body of photographs and writings being donated to us. People who have long visited the Park are now making available materials concerning the Park they have collected over the years. In addition to providing a reference for those researching the human aspect of Baxter Park's early years, some of these photos and written memories are useful for students of the natural sciences as well. For instance, a photo taken in 1919 shown to us by Alice Nute of Augusta shows quite clearly the portions of forest near N. Turner's summit which were spared by both the 1903 and 1907 fires and the 1916 spruce budworm infestation...these areas likely may harbor yet more of the old trees mentioned in the previous section on research, possibly as much as 100 acres of old growth. In another instance, 2 geologists from Virginia spent all one morning reviewing and comparing photos taken of Mt. OJI and nearby mountains. They are comparing the mechanics and time scales of debris flow in the western U.S. as opposed to eastern U.S. These photos proved to be some of the only old photos of those rock slides they could locate for their study.

The Park sincerely appreciates the donations from the following individuals, all of whom have contacted us in the last year:

Nina Sawyer
Alice Nute
Alden Weigett

Authority/Advisory Meetings - Sub-Committee, Staff Meetings

The Naturalist took part in all 6 Authority/Advisory meetings this year as well as several Rules & Regulation Sub-Committee meetings, Finance Committee meetings, 2 Communication Committee meetings and meetings of the Fee & Rate Sub-Committee. Over the next year, both the Naturalist and Secretary to the Director will devote considerable time to filing the proposed changes according to the Administrative Procedures Act in an effort to have the changes reflected in the 1992 regulations. For that reason, the following detailed account of a proposed fee increase recommendation, approved by the Authority/Advisory, is included in this report:

Cabins at Kidney and Daicey will be \$15 in 1992 and \$17 in 1993 per person, per night. Cabin minimums - 2-bed: \$25 in '92, \$30 in '93; 3-bed: \$35 in '92, \$40 in '93; 4-bed: \$45 in '92, \$50 in '93. Children 1-6 free; 7-16: \$10 per person, subject to minimum total cabin fee. In the winter 1991-92, Kidney and Daicey cabins will be \$25 per person per night; in 1992-93, winter cabins will be \$30 per person per night.

Summer bunkhouse rates per person per night: \$6 in 1992, \$7 in 1993.

Summer bunkhouse rates per person per night: \$6 in 1992, \$7 in 1993.

Winter bunkhouse rates per person per night: Chimney Pond: 1991-92-\$20 (status quo from 1990-91). Chimney Pond in 1992-93 - \$25. All other Park bunkhouses: \$12 per head per night 1991-92, \$15 per head per night 1992-93.

Summer Lean-tos and tentsites, per person per night: \$5 in 1992, \$6 - 1993; site minimum: \$10 in 1992, \$12 in 1993.

Winter lean-tos and tentsites, per person per night: \$10 in 1991-92, \$12 in 1992-93.

Family Rates - Trout Brook Farm and Nesowadnehunk \$10 site maximum in 1992 and \$12 maximum in 1993 per site per night.

Group Areas - \$3 per person per night except groups of 12 or less requesting Avalanche Field or Foster Field group areas would be charged \$5 per person per night in 1992 and \$6 per person per night in 1993.

Canoes - Fees remain at \$1 per hour, \$8 per day.

Transfer fees - the transfer fee will be raised to \$10 for each transfer request.

Refunds - will not be available ordinarily. The Director may (at his sole discretion) permit refunds or may impose a special requirement before granting funds. Portion of paid fee retained, in event of refund, will be raised (from \$10) to \$25.

Staff Support

In addition to the above activities, the Naturalist is also responsible for the production of the staff newsletter. Additional duties include meeting with other staff on a day-by-day basis, covering topics ranging from road and construction projects to trail relocations and cabin relocations, to sign text, and gate policies, to SFMA policy matters, to hazardous waste disposal, in short, any resource-human issue that comes up.

The year ahead promises to be challenging. Budgets are tight and all divisions are spread thin. Fortunately during times such as these, the legacy and gift of Governor Baxter's high ideals shine like a beacon through the night, reminding us that our foremost duty is to protect the resource, regardless of temporary obstacles and hardships. Through education and information we hope Governor Baxter's dream takes hold in the minds and lives of a new generation of visitors.

BAXTER STATE PARK
Camper Days Use by Location and Activity
WINTER SEASON 1989-1990

O V E R N I G H T C A M P I N G												
MONTH	ROARING BROOK	ABOL	KATAHDIN STREAM	DAICEY POND	KIDNEY POND	NES.	SO. BR. POND	TR. BR. FARM	RUSSELL POND	CHIMNEY POND	TOTAL NUMBER OF PEOPLE	TOTAL CAMPER NIGHTS
Dec.	20	-	8	21	-	-	-	18	-	-	29	75
Jan.	46	-	26	22	-	84	62	35	49	80	245	404
Feb.	261	10	56	119	-	40	54	12	40	281	507	873
Mar.	167	-	-	48	-	8	11	-	18	291	269	543
TOTALS	494	10	90	210	-	132	127	65	107	660	1050	1895

C A M P I N G A C T I V I T I E S					
CAMPER NIGHTS			DAY-USE		
MONTH	GENERAL CAMPING	TECHNICAL CLIMBING	SKIING/ SNOW- SHOEING	SNOW MOBILING	TOTAL
Dec.	59	16	36	148	184
Jan.	292	112	71	275	346
Feb.	356	517	91	218	309
Mar.	135	408	84	174	258
TOTALS	842	1053	282	815	2992

Weather not good last of March. Chimney Pond closed to camping.
About 6 large parties cancelled out

APPENDIX TO INFORMATION EDUCATION

WINTER 90-91 UPDATE: MARTEN RESEARCH IN BSP

Twenty-five Marten (17 males and 8 females) were captured during the fall, from approximately 200 trap nights (1 trap set for 24 hours). Twenty-two of the captured Marten were radio-collared, 2 were only ear-tagged and one was released without a marking.

Of the 24 marked Marten, 7 have died as of 1/24/91: 1 animal was trapped outside of BSP, south of Harrington Lake; the cause of death of the remaining 6 animals is unknown at this time. These animals will be necropsied ASAP, with results reported in the BSP 1991 Annual Report.

As of 1/24/91, radioed Marten have been located approximately 200 times via telemetry. After much early fall movement, most of the Marten have settled into stable home-ranges within BSP. Four of the Marten had moved outside of the study area before settling into a home-range: 1 animal settled north of Webster Lake; 1 animal on the north side of Nesowadnehunk Lake just outside of BSP; 1 animal just east of Duck Pond; and 1 animal south of Harrington Lake.

Marten will be monitored throughout the winter. Attempts will be made to trap Marten again, in May-June, 1991. To date, approximately 1600 man-hours have been spent working on the BSP study area since October, 1990.

Submitted by Bill Giuliano 1/24/91

31 OCTOBER 1990

ANNUAL ACTIVITY REPORT FOR "INTERACTIONS AMONG TRAPPING, FOREST MANAGEMENT, AND PINE MARTEN POPULATIONS".

COOPERATORS: WILDLIFE DEPARTMENT, UNIVERSITY OF MAINE; MAINE DEPARTMENT OF INLAND FISHERIES AND WILDLIFE; BAXTER STATE PARK.

PRINCIPAL INVESTIGATOR: DR. DANIEL HARRISON

GRADUATE RESEARCH ASSISTANTS: DONALD KATNIK
WILLIAM GIULIANO

RESEARCH ASSOCIATE: TOM HODGMAN

RESEARCH TECHNICIAN: MIDORI SAEKI

Field work was continued on our 187 km² study area west of Baxter State Park, which is characterized by extensive fur trapping and timber harvesting. We continued our efforts to capture, radio collar, and monitor the movements of a significant portion of the marten (Martes americana) population. During fiscal year 1989-90 we were successful in capturing 36 additional martens, bringing the total number of animals captured since spring 1989 to 71 (35 males, 36 females). Study animals were relocated 1-2 times per week during fall 1989 and 5-7 times per week using radio telemetry during summer 1990. During fall 1990, M.S. student Donald Katnik is completing field work for his thesis on the age and sex-specific differences in home range characteristics, the extent of spatial overlap, and the relationship of marten movements to forest stand characteristics. Additionally, survival analyses have been completed for martens radio collared during summer and fall 1989.

Efforts to capture and radio collar 35 martens annually in Baxter State Park were initiated during October 1990. To date, 14 martens have been captured and radio collared in the northwest portion of the park. Preliminary information suggests a capture rate of martens in Baxter State Park that is significantly higher than in adjacent areas outside of the park. Additional animals will be radio collared during November 1990 as radio collars become available from martens harvested by fur trappers outside of the park. We plan to monitor radioed martens using snowmobiles and snowshoes during winter 1990-91. Research efforts on this study site will represent the doctoral research project for Bill Giuliano, a Ph.D. student who initiated his program of study during summer 1990. Long-term project objectives are to compare the spatial arrangement, productivity, habitat use, and mortality of martens in areas with and without fur trapping and timber harvesting.

ALPINE VEGETATION STUDY

Final Report to the AMC Murphy Fund committee on "The baseline characterization of the alpine area of Katahdin".
by Charles V. Cogbill and W. Donald Hudson Jr., October 1990

Abstract

In 1989 we sampled and characterized the areas above treeline on Katahdin, Maine. We sampled 57 locations representing all areas above treeline on the mountain using either relevés or quantitative transects. We established 16 permanently marked transects against which to gauge future changes in composition. On these transects we measured cover and frequency of all vascular and cryptogam species in 680 meter square quadrats. All plot data were analyzed for similarity and potential associations using an ordination technique. The first axis of the ordination shows the dominant effect of exposure in determining vegetation composition. The vegetation represented on the mountain was divided into five community types (alpine heath, Diapensia, sedge meadow, snowbank, and krummholz). The dominant vegetation is the widespread bilberry-lichen heath. The dominant species (Vaccinium uliginosum and Cetraria islandica) are found across all types except under krummholz. On Katahdin communities extend from exposed through lichen-heath to sheltered over very short distances. Secondary communities are relatively limited occurring in extreme, peripheral habitats. The vegetation of Katahdin is very similar to that on Mt. Washington, but compared with the White Mountains there is less variability.

Introduction

The highest elevations (above approximately 1200 meters) on the Katahdin massif exceed tree-line and much of it supports alpine tundra (gol'tsy) vegetation. Aerial photographs indicate an area of 14 km² on Katahdin without tree cover. This includes the rock headwalls and scrub-filled floors of cirque "basins", boulder "fellfields" on most of the steep exposed ridges, and approximately 2.9 km² with at least moderate vegetation cover. Similar vegetation is found on roughly a dozen mountains in eastern North America south of the Gaspé. Katahdin's alpine vegetation is about 12% (and second largest) of the approximately 25 km² of alpine vegetation found in the Northeast.

The alpine flora of Kathadin was throughly documented by the turn of this century (Fernald 1901). The plant communities of the mountain were described soon after this (Harvey 1903, 1909; Harshburger 1911). The very limited work during the past 80 years has added little to the knowledge of the flora or vegetation of the mountain. Recently Hudson (Hudson et al. 1985) compiled a list of 128 vascular species found in the township containing Katahdin (T3 R8). Bliss (1963) described the outwardly similar plant communities of the Presidential Range in New Hampshire which comprises two-thirds of the alpine area in the Northeast. May and Davis (1978) used this latter treatment to study the alpine tundra on 8 mountains in Maine in 1976. Essentially following Bliss's classification, May and Davis recognized 10

vegetation types in the alpine region of Katahdin. This latter study indicated the dominant species in each community type and gave a brief description of some of the typical species and characteristics of each habitat. In addition they produced a map of communities. Significantly no studies have quantitatively sampled the vegetation in the alpine region of Katahdin and all previous descriptions have been based on floristic information, cursory reconnaissance of the mountain, or extrapolations from the White Mountains.

Methods

In order to understand the present vegetation and provide baseline information against which to gauge future changes, we quantitatively sampled the range of vegetation represented on the Katahdin massif. During 18-23 June, 9-13 July, and 10 Sept 1989 we surveyed and sampled the vegetation on transects and relevés representing all areas above treeline on the mountain. We set up 16 permanent transects (located at the squares on Fig. 1) totalling 680 meters in length. The center lines of the transect were marked with inconspicuous yellow paint on rocks and locations were documented by photographs (Appx. A) and detailed descriptions in relation to known trails, peaks or other landmarks (Table 1). On each transect, typically 50 meters long in one homogenous plant community, we recorded the cover (visually estimated) of all vascular and cryptogam plant species in m^2 quadrats centered on each meter along the transect line (i.e. a total of 680 m^2). In addition, we ran 41 relevés (quick semi-quantitative species samples of local sites) to document the flora (located at the dots on Fig. 1) and derive a rough description of variability in the vegetation over the mountain. Data from both the transect plots and the relevés were analyzed for similarity and potential associations using DECORANA ordination (Hill and Gauch 1980). This computer analysis organizes the samples and species into a multi-dimensional space (here presented as a two-dimensional "map") where those sites located closest to one another are the most similar vegetationally. Clusters of sites within the ordination can be identified as "types", while lack of clusters argue for transitions between poorly defined communities. Composite soil samples were collected at each of the transect locations for chemical analyses (at the Cornell Nutrient Analysis Laboratory). On both transects and relevés we also measured the elevation, slope, aspect, substrate character, and general geological setting of the (57) sites. These characteristics are used to explain the prominent environmental factors associated with vegetation patterns.

Results

Our initial field reconnaissance showed the existing vegetation map (May and Davis 1978) of the mountain to be uninformative. Some community types were not recognizable and their composition was apparently mistaken (e.g. Salix herbacea is very restricted and hardly a dominant in the rush dwarf shrub heath). Also, specific locations consistently differed from

types mapped as the types appeared too detailed in the Saddle, while they appeared too generalized over the majority of the massif. This reflects a problem of both scale (the rapid variation in environment and vegetation over short distances) and assumptions of underlying structure (it is difficult to distinguish boundaries between types which vary continuously from one extreme to another). Thus our original intention to use previously identified locations and known plant communities was replaced by our subjective choice of locations, that included examples of krummholz, snowbank, exposed ridge, wet meadows, heath, and boulder polygons.

Our samples were spread over the range of sites on the mountain (Fig. 1; Table 1). The sample transects ranged from 1292 to 1573 meters elevation with the majority on west or north facing slopes. The environmental conditions of the transects were generally consistent with shallow, very acid soils (3.3 to 4.2 pH) of low fertility (30 to 168 ppm Ca^{++}). The distinctive wet meadow, snowbank and/or krummholz were exceptions having largely organic soils which were correspondingly deeper, with high fertility, but still very high acidity (Table 2). The flora of the alpine areas sampled contained 46 vascular species and 19 cryptogam taxa (Table 3). Except for the sheltered sites (meadows, snowbanks, or krummholz), the same 18 vascular and 12 cryptogam taxa appear in most sites. Diversity and abundance show a balance between the vascular and cryptogam flora with equal numbers (4.5) of taxa on the average in each 1m² quadrat and average cover of 75% for the vasculars and 73% for the cryptogams. The dominant vegetation is largely bilberry-lichen heath (e.g. Vaccinium uliginosum and Cetraria islandica). Very abundant species in most samples were alpine graminoids (Juncus trifidus and Carex biglowii), and reindeer lichens (e.g. Cladina rangiferina). Common species found in most of the samples were Potentilla tridentata, Salix uva-ursi, Empetrum nigrum, and Vaccinium vitis-idaea. The sheltered sites support a diverse group of subalpine herbs and mosses (Table 3).

Ordination of all the relevé and transect samples based on their relative abundance demonstrates the (Fig. 2) that the alpine vegetation of Katahdin has continuity between extremes. There is a cluster of sites representing the central heath-lichen community (left center of Fig. 2) with more variable sites scattered through sheltered locations (to the right on Fig. 2). Here the vegetation grades from sheltered (snowbank bordered) heath, through cornice snowbanks, to krummholz at the extreme right. The left extreme contains the most wind-exposed (Diapensia) sites. The first axis (x) is thus apparently related to exposure from exposed to sheltered. Wet meadows are at the center bottom of the figure and indicate that the second axis separates open wet areas from snowbank/krummholz sites.

Floristic associations in the sites are shown by the separation species on the axes of the ordination. The first axis has Loisleuria procumbens, Solidago culteri, and Prenanthes

boottii at the exposed extreme and Oxalis montana, Gaultheria hispidula, and Linnaea borealis at the forest end. The second axis contrasts sites with Scirpus caespitosus, Kalmia polifolia and Cassiope hypnoides on the negative side and Lycopodium selago, Streptopus roseus, Vaccinium caespitosum, and Calamagrostis canadensis at the other extreme.

The vegetation represented on the ordination (Fig. 2) has been divided the space into 5 community types. Ordinations of samples of species' cover on just the transect sites (Fig. 3) confirm the distinctiveness of the krummholz, snowbank, and meadow sites from the core heath. The Diapensia vegetation remains separable, but apparently only the exposed end of a rather continuous series from krummholz through heath to barrens. Although somewhat arbitrary, the groupings are based on the ordinations, the species dominance, the overall floristic composition (Table 3), and environment of the site. Significantly the extreme types are of limited extent, but are more distinctive. They are clearly separated from the central core of alpine heath which remains as a widespread and undifferentiated community.

For future reference and direct comparisons the raw data on each transect is given in Appendix B. The general composition of the 5 communities identified in this study is given in Table 4.

The Diapensia community is dominated by Diapensia lapponica, with Vaccinium uliginosum, and Cetraria islandica. Distinctive species include Solidago culteri, Agrostis borealis, Arenaria groenlandica, Arctostaphylos alpina, and Thamnia vermicularis. This community is found on exposed ridges (e.g. Hunt or the Northwest Plateau) or on windy cols (e.g. the Saddle or north of Hamlin Peak).

The alpine heath is dominated by Vaccinium uliginosum, and Cetraria islandica, with significant cover of Juncus trifidus, Carex bigelowii, Cladina rangiferina, and Cladina mitis. Distinctive species in the heath are Hierchloe alpina, Cladina alpestris, and Cladonia uncialis. It is widespread occurring on all parts of the mountain and is especially well represented among the rock polygons on the Tableland and around Hamlin Peak.

The sedge meadow community is dominated by Carex bigelowii, Vaccinium uliginosum, Sphagnum cf. rusowii and capillifolium and Polytrichum spp.. Distinctive species include Scirpus caespitosus and Ledum groenlandicum. Damp meadows are very local occurring in the vicinity of Thoreau and Caribou Springs and to a lesser degree in the vicinity of Saddle Spring.

The snowbank community is dominated by Vaccinium caespitosum, Vaccinium uliginosum, Deschampsia flexuosa, and Cetraria islandica associated with a wide variety of subalpine herbs and alpine heaths. Distinctive species include Solidago macrophylla, Betula glandulosa, Phyllodoce caerulea, and Kalmia

polifolia. Snowbanks occur generally under cornices or the heads of steep gullies on the eastern edge of the mountain plateau. They occur occasionally in depressions or on the lee side of krummholz patches.

Krummholz on Katahdin is predominantly composed of Abies balsamea less than 2 meters tall with a very sparse understory. This community is dominated by Dicranum scoparium, Plurozium scherberi, and Ptilidium ciliare with scattered Cornus canadensis, Lycopodium annotinum, Maianthemum canadense, Oxalis montana, and Vaccinium angustifolium. Treeline averages 1300 meters and krummholz is especially well represented on the west slope of the mountain with strips extending across the Saddle and Northwest Plateau.

The vegetation of Katahdin is very similar to that on Mt. Washington. The flora is virtually the same and the composition of the core heath-lichen on Katahdin closely matches the central dwarf shrub heath-rush of Bliss (1963). On Katahdin there is a gradient of exposed Diapensia to sheltered snowbanks, but compared with the White Mountains there is less variability on Katahdin. Some of this is due to the limited area and narrow elevational range above treeline on Katahdin compared with Washington. There is little streamside or bog community and no extensive sedge meadows on Katahdin. On Katahdin meadows occur only in wet seepy soil and not in foggy high west-side environments as Bliss observed on Mt. Washington. There are some floristic differences between Katahdin and Mt. Washington as well. For example, Katahdin snowbanks have more Cassiope hypnoides and Phyllodoce caerulea, but little if any Geum peckii (an endemic), Veratrum viride or Houstonia caerulea. Because of the relative simplicity of the Katahdin vegetation it is hard to extrapolate community types from Mt. Washington. The five community types which span the range of variability on Katahdin (alpine heath, Diapensia, sedge meadow snowbank, and krummholz) are all represented on Mt. Washington.

During our survey we found two species which have not recently been recorded for the mountain: Lycopodium sabinaefolium var. sitchense in cornice gullies of the Saddle and Gnaphalium supinum in a snowbank of the south edge of the Tableland. Also the supposedly rare Hierchloe alpina and Prenanthes boottii were found to be widespread in the heath and exposed Diapensia communities, respectively. These species along with many of the restricted alpine flora can be considered locally common.

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NOTE: Tables and figures referred to as well as raw data are stored in Park Naturalist's files.

E. ADMINISTRATIVE SERVICES

PERSONNEL
Jean Howes
BSP Coordinator

I PERSONNEL

Changes in personnel this year are as follows:

Promotions, demotions and transfers:

Mac Browning transferred to Campground Ranger at Katahdin Stream from Campground Ranger at Togue Pond.

Bruce White was transferred from Campground Attendant at Nesowadnehunk to Campground Attendant at Abol.

Scott Thies transferred to Gatehouse Attendant at Matagamon from Gatehouse Attendant at West Gate.

Acting Capacity Appointments:

Jody Tucker - Gatehouse Attendant at Togue Pond
Karen Mott - Clerk II at Park Headquarters
Mary Bouchard - Park Receptionist at Park Headquarters

Employee Terminations:

Sylvia Getchell - Gatehouse Attendant at Matagamon
Lori Freeman - Gatehouse Attendant at West Gate
Sue MacArthur - Clerk II at Park Headquarters
Vesta Osgood - Park Receptionist at Park Headquarters
Russ Rytlewski - Campground Ranger at Katahdin Stream

II TRAINING

March - May - MFASIS (Maine Financial and Administrative Statewide Information System) training and informational meetings were held. Judy Hafford, Payroll Clerk and Elizabeth Austin, Business Manager attended these sessions.

April 2 - An information exchange meeting was held with State Parks Reservation System in Augusta. Computer systems and credit card policy were researched. Jean Hoekwater, Park Naturalist and Jan Caverly, Reservation Supervisor attended.

April 2 - A conference on Present Status of Natural Regeneration Research and Application in Forest Management was held at the Maritime Ranger School in Fredericton and attended by Jensen Bissell, Resource Manager.

April 19 - The annual conference on Maine Birds was held at the University of Maine-Farmington was attended

by Park Naturalist Jean Hoekwater.

May 15 - SASI Unit I: Team Effectiveness & Leadership Training was held in Augusta. This was a University of Maine Extension Certificate Program which was to be completed in a five-year period. The course was attended by Roxanna McLean, Secretary to the Director and Jean Howes, Clerk Typist II.

Sept. 11 & 25 - A small Agency meeting on "Managing in State Government for Small Agencies" was attended by Irvin Caverly, Director and Jean Howes, Clerk Typist II.

Nov. 13 - A safety course for VDT (Video Display Terminal) operators was held at EMTC in Bangor; it was attended by Roxanna McLean, Secretary to Director and Rosemary James, Stores Clerk.

Nov. 25-27 - A EMT Refresher course offered by Solo was attended by Lester Kenway, Trail Crew Supervisor.

III CONTRACT SERVICES

Daicey Pond Campground was operated again by Linda Ives and Latona Torrey.

Kidney Pond Campground was operated by Hal and Jane Price.

Rubbush removal services were provided by Dave Condon d/b/a The White Knight.

Septic tank pumping was done by Paul Belyea, Houlton Septic Tank Service.

Janitorial services at Park Headquarters were provided by Wayne Lyle of Millinocket.

Ground maintenance at Park Headquarters was done by Homer King of Millinocket.

Road construction in the SFMA was completed by Randy Cyr.

Forest management services were provided by John Mills and George Ritz.

SUPPLY
Roxanna McLean - Secretary to the Director

The warehouse received a new computer in the fall and Stores Clerk Rosemary James has implemented the new budget tracking system set up by the Resource Manager. With this system in place and monthly meetings, all divisions are now able to account for moneys spent and know how much they have left. This has been and will continue to be a great help to everyone. The Stores Clerk is also looking into a program that can be used to enter and keep track of all Park inventory.

On November 13 Stores Clerk Rosemary James and Secretary to the Director Roxanna McLean attended an afternoon safety course for VDT operators at EMTC. A law requiring this training went into effect January 1, 1990 because of the increase of illness such as Repetitive Motion Sickness, Cumulative Trauma Disease and Carpal Tunnel Syndrome among VDT operators. The fears and controversy about radiation and electromagnetic fields were discussed and course speaker informed the group that they are still under further study. The course explained how some things can be done to prevent the illnesses listed above. Among those preventions were the proper set-up of the workstation, lighting in the office, temperature of the office, posture of the operator, the recommendation of an eye examination once a year, taking breaks away from the machine and a few exercises to relax the operator. Shortly after attending this course, use of a hand/wrist rest in front of the keyboard was implemented at all computer stations to help relieve pressure on the wrist.

The recommendations by the Auditor regarding that the open market purchase order file be maintained by the Stores Clerk and the responsibility for matching vendor's invoices to the receiving reports has been implemented. The Stores Clerk now matches the purchase orders with the vendor's and gives them to the Clerk Typist II who maintains the purchase order file. The Clerk Typist matches the bills to the purchase orders and verifies with the Supply Clerk that the bills can be paid. The Clerk Typist then passes them on to the Account II Clerk to be paid.

In checking with the Stores Clerk on the use of recycled paper, she now reports that BSP uses recycled paper towels, copy paper for the Xerox machine and 90% of the handouts are now on recycled paper. She will continue to look into new uses for recycled paper such as BSP Stationery, note pads, etc.

Due to heavy work schedules and a shortage of personnel, we have fallen behind on the Capital Equipment Reconciliation FY90. It is expected to be done in June of 1991.

BAXTER STATE PARK
FY-1990 WORK PROGRAM
WITH COMPARISON TO APPROVED FY90 BIENNIAL

BAXTER STATE PARK AUTHORITY
FY-1990 WORKPROGRAM/FY 1990 BIENNIAL
REVENUE SOURCES

1.

<u>REVENUE</u> <u>PARK OPERATIONS</u>	<u>PROPOSED FY-90</u> <u>WORK PROGRAM</u>	<u>APPROVED</u> <u>BIENNIAL</u>	<u>INCREASE</u> <u>DECREASE</u>	<u>REASON</u>
1448 - License Fees	\$ 100	\$ 100	-	
2610 - User Fees	300,000	300,000	-	
2616 - Transfer Fees	2,500	2,500	-	
2618 - Entrance Fees	96,000	96,000	-	
2637 - Canoe and Stove Rental	12,000	12,000	-	
2657 - Sale of Maps & Guides	14,000	14,000	-	
2681 - Refunds/Overpayments	(12,000)	(12,000)	-	
 SUBTOTAL PARK OPERATIONS REVENUE	 412,600	 412,600	 -	
 REVENUE - OTHER				
2666 - Sale of Forest Products	66,000	172,200	(106,200)	Revised proj.
2675 - Sale of Timber	69,600	2,800	66,800	of SFMA act.
2106 - Interest/Misc.	6,950	6,950	-	
2805 - Sale of Equipment	3,000	3,000	-	
 SUBTOTAL - OTHER REVENUE	 145,550	 184,950	 (39,400)	
 <u>REVENUE - TRUST FUNDS</u>				
Boston Trust	672,029	738,798	(66,769)	
Casco Trust	200,000	200,000	-	
 SUBTOTAL TRUSTS REVENUE	 * 872,029	 938,798	 (66,769)	
 TOTAL REVENUE - ALL SOURCES	 \$1,430,179	 \$1,536,348	 (106,169)	
 ANTICIPATED WAGE INCREASE DUE TO CONTRACT SETTLEMENT	 33,500			
	\$1,463,679	\$1,536,348	(72,669)	

*CONTRIBUTION FROM TRUST FUNDS OF \$872,029 REPRESENTS 4.0% OF MARKET VALUE AS OF DEC. 31, 1988.
A 5% WAGE INCREASE OF \$33,500 WOULD BRING TRUST FUND SUPPORT TO \$905,529 OR 4.2% OF MARKET VAL.

BAXTER STATE PARK AUTHORITY
FY-1990 WORKPROGRAM
SUMMARY BY QUARTER

	<u>1st QTR</u>	<u>2nd QTR</u>	<u>3rd QTR</u>	<u>4th QTR</u>	<u>TOTAL FY 90 WORK PROG.</u>	<u>% OF TOTAL</u>	<u>APPROVED BIENNIAL</u>
PERSONAL SERVICES - TOTAL	\$ 319,485	\$ 191,082	\$ 179,291	\$ 194,941	\$ 884,799	60.7	\$ 886,767
ALL OTHER - TOTAL	154,200	77,250	65,400	104,350	401,200	27.6	487,700
TOTAL PERSONAL SERVICES AND ALL OTHER	473,685	268,332	244,691	299,291	1,285,999	88.3	1,374,467
8511 - STA CAP	7,840	4,440	4,010	4,950	21,240	1.5	22,751
CAPITAL - TOTAL	109,940	13,000			122,940		139,130
 TOTAL - FY-1990 WORKPROGRAM	 \$ 591,465	 \$285,772	 \$ 248,701	 \$ 304,241	 \$1,430,179	 100.0	 \$1,536,348

BAXTER STATE PARK AUTHORITY
FY-1990 WORKPROGRAM
PERSONAL SERVICES EXPENDITURES

3

<u>C & O</u>	<u>LINE CATEGORY</u>	<u>1ST QTR</u>	<u>2ND QTR</u>	<u>3RD QTR</u>	<u>4TH QTR</u>	<u>TOTAL 90 WORK PROGRAM</u>	<u>APPROVED BIENNIAL</u>
3110	Permanent Regular	\$113,708	\$ 97,464	\$114,702	\$ 98,316	\$424,190	\$424,091
3310	Seasonal Regular	124,918	36,414	9,352	43,239	213,923	224,039
3611	Overtime	2,500	5,500	12,000		20,000	20,000
	SUBTOTAL - WAGES	241,126	139,378	134,054	141,555	656,113	668,130
3810	Unemployment Compensation (5.2% of first \$7,000)	4,033	6,172	1,567	5,324	17,096	20,000
3901	Health Insurance (BC/BS)	23,070	16,090	14,780	16,920	70,860	60,000
3905	Dental Insurance	730	520	415	555	2,220	2,400
3906	Employee Health Service	460	460	440	460	1,820	4,000
3910	Retirement Costs (20%)	47,725	26,776	24,911	28,311	127,723	123,537
3911	Group Life Insurance	575	475	330	475	1,855	2,100
3912	Medicare Costs	1,025	665	365	665	2,720	4,000
3971	Uniform Allowance	741	546	429	676	2,392	2,600
	SUBTOTAL - BENEFITS	78,359	51,704	42,737	53,386	226,186	218,637
	TOTAL PERSONAL SERVICES	\$319,485	\$191,082	\$179,291	\$194,941	\$884,799	\$886,767

BAXTER STATE PARK AUTHORITY
FY-1990 WORKPROGRAM
SUMMARY OF ALL OTHER EXPENDITURES

<u>C & O</u>	<u>LINE CATEGORY</u>	<u>1ST QTR</u>	<u>2ND QTR</u>	<u>3RD QTR</u>	<u>4TH QTR</u>	<u>TOTAL 90 WORK PROGRAM</u>	<u>APPROVED BIENNIAL</u>
4000	TOTAL PROFESSIONAL SERVICES NOT BY STATE	\$ 36,600	\$37,750	\$ 1,100	\$ 23,250	\$ 98,700	\$178,700
4100	TOTAL PROFESSIONAL SERVICES BY STATE	300			300	600	600
4200	TOTAL TRAVEL - IN STATE	1,850	1,850	1,850	1,850	7,400	7,400
4300	TOTAL TRAVEL - OUT-OF-STATE	1,500			1,500	3,000	3,000
4400	OPERATION OF STATE VEHICLES	16,000	6,000	8,500	10,500	41,000	41,000
4500	TOTAL UTILITIES	9,050	8,550	7,950	8,850	34,400	34,400
4600	TOTAL RENTALS	1,500	500		700	2,700	2,700
4700	TOTAL REPAIRS	35,175	2,875	2,875	2,875	43,800	43,800
4800	TOTAL INSURANCE	13,450	5,750	5,750	5,750	30,700	27,200
4900	TOTAL GENERAL OPERATING EXPENSES	16,475	6,575	19,375	21,075	63,500	63,500
5100	TOTAL FOOD	1,000	500	500	1,000	3,000	3,000
5200	TOTAL FUEL	2,000	1,500	2,500	500	6,500	6,500
5300	TOTAL OFFICE SUPPLIES	2,000	1,000	1,500	3,000	7,500	7,500
5400	CLOTHING	3,000	1,000	1,000	3,000	8,000	8,000
5600	TOTAL MISCELLANEOUS SUPPLIES AND EQUIPMENT (Spring Requisitions)	14,300	3,400	12,500	20,200	50,400	50,400
5800	TOTAL HIGHWAY MATERIALS	-	-	-	-	-	10,000
	TOTAL ALL OTHER	\$154,200	\$77,250	\$65,400	\$104,350	\$401,200	\$487,700

BAXTER STATE PARK AUTHORITY
FY-1990 WORKPROGRAM
DETAIL - ALL OTHER - EXPENDITURES

<u>C & O</u>	<u>LINE CATEGORY</u>	<u>1ST QTR</u>	<u>2ND QTR</u>	<u>3RD QTR</u>	<u>4TH QTR</u>	<u>TOTAL 90 WORK PROGRAM</u>	<u>APPROVED BIENNIAL</u>
4000	PROFESSIONAL SERVICES NOT BY STATE						
4015	Casual Labor						
	SCA-13 Positions	\$ 10,400	\$	\$	\$ 10,400	\$20,800	\$ 20,800
	Headquarters-Grounds Maint.	600				600	600
	Casual Labor - Other	1,800				1,800	1,800
4099	MISC. PROFESSIONAL SERVICES						
	Campground Services - Kidney Pond		14,000			14,000	14,000
	Janitorial Services	1,600	1,150	1,100	1,150	5,000	5,000
	Rubbish Removal Services	17,700	7,600		1,700	27,000	15,000
	Vault Pumping Services	2,000				2,000	2,000
	Campground Services - Daicey Pond		15,000			15,000	15,000
	Forest Management Services				10,000	10,000	12,000
	Road Construction - SFMA					-	90,000
	Trucking	2,500				2,500	2,500
	TOTAL 4000 GROUP	36,600	37,750	1,100	23,250	98,700	178,700
4100	PROFESSIONAL SERVICES - BY STATE						
4106	Lab Services (Water Tests)	300			300	600	600
	TOTAL 4100 GROUP	300			300	600	600
4200	TRAVEL EXPENSES - IN STATE						
4200	Travel Expenses - in state	975	975	975	975	3,900	3,900
4230	Lodging	500	500	500	500	2,000	2,000
4274	Meals & Gratuities	375	375	375	375	1,500	1,500
	TOTAL 4200 GROUP	1,850	1,850	1,850	1,850	7,400	7,400

BAXTER STATE PARK AUTHORITY FY-1990 WORKPROGRAM DETAIL - ALL OTHER - EXPENDITURES (Continued)

<u>C & O</u>	<u>LINE CATEGORY</u>	<u>1ST QTR</u>	<u>2ND QTR</u>	<u>3RD QTR</u>	<u>4TH QTR</u>	<u>TOTAL 90 WORK PROGRAM</u>	<u>APPROVED BIENNIAL</u>
4400	OPERATION OF STATE VEHICLES						
4402	Gas, oil, grease	\$ 7,000	\$ 3,500	\$ 3,500	\$ 5,000	\$19,000	\$19,000
4403	Diesel Oil	500				500	500
4421	Repairs to Case & Cat. only	2,000			2,000	4,000	4,000
4423	Repairs Parts & Supplies	6,500	500	2,500	3,500	13,000	13,000
4424	Snowsled Repairs		2,000	2,500		4,500	4,500
	TOTAL 4400	16,000	6,000	8,500	10,500	41,000	41,000
4500	UTILITY SERVICES						
4501	Telephone	6,500	6,500	6,500	6,500	26,000	26,000
4521	Electricity	1,250	1,250	1,250	1,250	5,000	5,000
4536	Other Utilities						
	Water and Sewer	200	200	200	200	800	1,800
	Propane - North	100			100	200	
	Propane - South	400	100		300	800	
4551	Trucking	600	500		500	1,600	1,600
	TOTAL 4500 GROUP	9,050	8,550	7,950	8,850	34,400	34,400
4600	RENTS						
4601	Rent of Land	800				800	800
4602	Rent of Planes: Park Operations	500	500		500	1,500	1,500
4616	Rent of Office Equipment	100			100	200	200
4661	Rent of Private Equipment (Staging, trucks, backhoe)	100			100	200	200
	TOTAL 4600 GROUP	\$ 1,500	\$ 500	\$	\$ 700	\$ 2,700	\$ 2,700

BAXTER STATE PARK AUTHORITY FY-1990 WORKPROGRAM DETAIL - ALL OTHER - EXPENDITURES Continued)

7

<u>C & O</u>	<u>LINE CATEGORY</u>	<u>1ST QTR</u>	<u>2ND QTR</u>	<u>3RD QTR</u>	<u>4TH QTR</u>	<u>TOTAL 90 WORK PROGRAM</u>	<u>APPROVED BIENNIAL</u>
4700	REPAIRS						
4711	Repairs to Buildings (See Appendix I)	\$24,300	\$	\$	\$	24,300	24,300
4721	Repairs to Equipment (Saws, generators, motors)	1,375	1,375	1,375	5,500	5,500	5,500
4726	Repairs to Radios	8,000				8,000	8,000
4731	Misc. Repairs	1,500	1,500	1,500	1,500	6,000	6,000
	TOTAL 4700 GROUP	35,175	2,875	2,875	2,875	43,800	43,800
4800	INSURANCE						
4801	Insurance on Buildings	2,200				2,200	2,200
4811	Insurance on Equipment and Liability	500				500	500
4851	Misc. Insurance (Workmen's Comp)	5,750	5,750	5,750	5,750	23,000	19,500
4852	Vehicle Insurance	5,000				5,000	5,000
	TOTAL 4800 GROUP	13,450	5,750	5,750	5,750	30,700	27,200
4900	GENERAL OPERATING EXPENSE						
4901	Stamps	2,000	2,000	2,000	2,000	8,000	8,000
4929	Printing & Reprographics	5,000		8,000	8,000	21,000	21,000
4938	Photocopying	1,000	500	1,000	1,000	3,500	3,500
4845	Advertising Notices	700	700	700	700	\$ 2,800	\$ 2,800

BAXTER STATE PARK AUTHORITY FY-1990 WORKPROGRAM DETAIL - ALL OTHER - EXPENDITURES (Continued)

E

<u>C & O</u>	<u>LINE CATEGORY</u>	<u>1ST QTR</u>	<u>2ND QTR</u>	<u>3RD QTR</u>	<u>4TH QTR</u>	<u>TOTAL WORK PROGRAM</u>	<u>APPROVED BIENNIAL</u>
4973	State Employees' Tuition	\$ 2,000	\$ 2,000	\$	\$ 2,000	\$ 6,000	\$ 6,000
4975	Sales Tax	5,000	1,000	7,300	7,000	20,300	20,300
4978	Advisory Committee Travel	375	375	375	375	1,500	1,500
4982	Periodicals & Newspapers	300				300	300
4995	General Operating Expense	100				100	100
	TOTAL 4900 GROUP	16,475	6,575	19,375	21,075	63,500	63,500
5100	COMMODITIES						
5150	Food	1,000	500	500	1,000	3,000	3,000
	TOTAL 5100 GROUP	1,000	500	500	1,000	3,000	3,000
5200	FUEL						
5201	Oil	500	1,500	2,500	500	5,000	5,000
5211	Wood	1,500				1,500	1,500
	TOTAL 5200 GROUP	2,000	1,500	2,500	500	6,500	6,500
	OTHER SUPPLIES						
5301	Office Supplies	2,000	1,000	1,500	3,000	7,500	7,500
	TOTAL 5300 GROUP	2,000	1,000	1,500	3,000	7,500	7,500
5400	CLOTHING	3,000	1,000	1,000	3,000	8,000	8,000
	TOTAL 5400 GROUP	3,000	1,000	1,000	3,000	8,000	8,000
5612	Propane	1,800		500	1,200	3,500	3,500
5629	Books & Guides for Resale	2,500			6,000	8,500	8,500
5636	Misc. Supplies (Spring Requisitions)	\$ 8,000	\$ 2,400	\$10,000	\$10,000	\$30,400	\$30,400

BAXTER STATE PARK AUTHORITY FY-1990 WORKPROGRAM DETAIL - ALL OTHER - EXPENDITURES (Continued)

9.

<u>C & O</u>	<u>LINE CATEGORY</u>	<u>1ST QTR</u>	<u>2ND QTR</u>	<u>3RD QTR</u>	<u>4TH QTR</u>	<u>TOTAL WORK PROGRAM</u>	<u>APPROVED BIENNIAL</u>
5650	Misc. Minor Equipment	\$ 2,000	\$ 1,000	\$ 2,000	\$ 3,000	\$ 8,000	\$ 8,000
	TOTAL 5600 GROUP	14,300	3,400	12,500	20,200	50,400	50,400
5800	HIGH WAY MATERIALS						
5812	Culverts						
5830	Lumber	-	-	-	-	-	3,000
5890	Other Highway Materials (Gravel, sand, lime)	-	-	-	-	-	7,000
	TOTAL 5800 GROUP	-	-	-	-	-	10,000
	TOTAL ALL OTHER	\$154,200	\$77,250	\$65,400	\$104,350	\$401,200	\$487,700

APPENDIX I

BAXTER STATE PARK
SUMMARY OF REPAIR PROJECTS
APPENDIX I

<u>C & O</u>	<u>DIVISION</u>	<u>DESCRIPTION OF PROJECT</u>	<u>TOTAL</u>
4711	21 NORTH DISTRICT	Trout Brook Farm - District Ranger Camp Replace porch, logs, ceiling and finish garage construction	\$ 2,000
		Davigneau Camp Jacking & roofing	500
	22 SOUTH DISTRICT	Roaring Brook Campground Garage repair	1,500
		Abol Campground Relocate & repair 2 Vault Toilets Repair Abol Dam	500
		Katahdin Stream Campground Garage Repair Repair Katahdin Stream Dam	2,500
		Daicey Pond Camps Replace Chimneys (2 per year) Replace Floor (1 per year)	500 1,500
		Kidney Pond Camps Jacking & roofing Replace chimneys	5,000
		Togue Pond Camps Jacking & roofing	3,000
		Ranger Camp - 57 Jacking, roofing & modifications	5,000
		South District - General Roofing supplies Bricks for topping chimneys	1,800 500
		TOTAL REPAIR PROJECTS	\$24,300

BAXTER STATE PARK
FY-1990 WORKPROGRAM
SUMMARY OF CAPITAL EXPENDITURES

<u>C & O</u>	<u>DIVISION DESCRIPTION</u>	<u>1ST QTR</u>	<u>2ND QTR</u>	<u>3RD QTR</u>	<u>4TH QTR</u>	<u>TOTAL</u>
7100	ADMINISTRATION					
	Air Conditioning - Hdq.	\$ 5,000	\$	\$	\$	\$ 5,000
	NORTH DISTRICT					
	Trout Brook Farm - DR Camp	500				500
	Install Skylights (2)					
	Modify Cold Storage Area					
	SOUTH DISTRICT					
	Katahdin Stream Campground					1,200
	Replace Lean-tos (2 per year)	1,200				
	MAINTENANCE					
	Replace Garage Roof	30,000				30,000
	Carpenter Shop Construction	2,000				2,000
	SFMA					
	Crew Camp Modification	20,000				20,000
	TOTAL CAPITAL IMPROVEMENTS	\$58,700				\$58,700

BAXTER STATE PARK
FY-1990 WORKPROGRAM
SUMMARY OF CAPITAL EXPENDITURES (cont.)

<u>C & O</u>	<u>DIVISION DESCRIPTION</u>	<u>1ST QTR</u>	<u>2ND QTR</u>	<u>3RD QTR</u>	<u>4TH QTR</u>	<u>TOTAL</u>
7200 (10)	ADMINISTRATION					
	Paint shaker	\$ 400	\$	\$	\$	\$ 400
(20)	PARK OPERATIONS					3,400
	(4) Solar Systems-DP,TB,KP,WG	3,400				2,400
	(3) Radios-40 Watt KP,WG,58	2,400				2,300
	Radio - 100 Watt 58	2,300				13,000
	Administrative Vehicle		13,000			
(21)	NORTH DISTRICT					3,500
	Single track snowmobile	3,500				500
	Push lawnmower	500				1,600
	(2) Gas refrigerators	1,600				700
	(2) Gas stoves	700				500
	Double bed	500				300
	Box spring & mattress	300				2,000
	(4) Canoes	2,000				1,200
	Wood stove	1,200				450
	Chain saw	450				1,000
	(6) Backpack tanks	1,000				500
	Mini Backpack Pump	500				300
	Truck Tool Box	300				300
	Drill Press	300				160
	Tap & Die Set-Standard	160				

BAXTER STATE PARK AUTHORITY
FY-1990 WORKPROGRAM
SUMMARY OF CAPITAL EXPENDITURES (cont.)

<u>C & O</u>	<u>DIVISION DESCRIPTION</u>	<u>1ST QTR</u>	<u>2ND QTR</u>	<u>3RD QTR</u>	<u>4TH QTR</u>	<u>TOTAL</u>
7200 (22)	SOUTH DISTRICT					
	Single Track Snowmobile	\$ 3,500	\$	\$	\$	\$ 3,500
	Torch	400				400
	John Boar (CP)	400				400
	(2) Push Lawnmowers	1,000				1,000
	(2) Gas Refrigerators	1,600				1,600
	(2) Gas Stoves	700				700
	Double Bed	500				500
	Box Spring & Mattress	300				300
	(3) Canoes	1,500				1,500
	Wood Stove	1,200				1,200
	(2) Chain Saws	900				900
	Battery Charger 35 AMP	180				180
	Fire Pump	1,200				1,200
	Stokes Litter	450				450
	(6) Backpack Tanks	1,000				1,000
	Mini Back Pak Pump	500				500
	3/4" Drive Set	325				325
	Wrench Set	300				300
	Gas Powered Weed Wacker	300				300
	Fire Equipment (KP)	1,000				1,000
(23)	Maintenance					
	Angle Electric Drill	150				150
	Battery Charger	250				250
	Wet/Dry Vacuum	300				300
	Electric Drill	150				150
	Bench Vise	200				200
	Bench Grinder	200				200

BAXTER STATE PARK AUTHORITY
FY-1990 WORKPROGRAM
SUMMARY OF CAPITAL EXPENDITURES (cont.)

<u>C & O</u>	<u>DIVISION DESCRIPTION</u>	<u>1ST QTR</u>	<u>2ND QTR</u>	<u>3RD QTR</u>	<u>4TH QTR</u>	<u>TOTAL</u>
7200 (23)	MAINTENANCE					\$ 200
	Bolt Storage Cabinet	\$ 200	\$	\$	\$	350
	Silent Glow Heater	350				
(27)	PUBLIC RELATIONS					1,500
	(3) Ektagaphic III A.M.	1,500				
	Slide Projectors					300
	(3) Flat Field Fixed Length					500
	Lenses	300				500
	Synchronizer	500				2,200
	Camcorder	2,200				500
	VCR	500				550
	25" TV	550				900
	Tabletop Display	900				
(28)	TRAIL CREW					175
	4-person Tent	175				450
	Chainsaw	450				
(30)	SFMA					3,600
	Rock Rake	3,600				
	TOTAL EQUIPMENT	\$51,240	\$13,000	\$	\$	\$64,240

BAXTER STATE PARK
1990 GATE COUNTS -PEOPLE

	CAMPERS			DAY USE			TRANSIENTS			TOTAL BY MONTH	% OF TOTAL
	RES	NON-RES	TOTAL	RES	NON-RES	TOTAL	RES	NON-RES	TOTAL		
MAY											
Toque Pond	781	398	1179	2246	510	2756	74	21	95		
Mataganon	243	66	309	692	99	791	107	38	145		
Total MAY	1024	464	1488	2938	609	3547	181	59	240	5275	7
JUNE											
Toque Pond	1692	1493	3185	3990	1531	5521	197	67	264		
Mataganon	547	185	732	873	272	1145	213	113	326		
Total JUNE	2239	1678	3917	4863	1803	6666	410	180	590	11173	14
JULY											
Toque Pond	2528	2310	4838	7237	4048	11285	354	176	530		
Mataganon	881	520	1401	1875	688	2563	385	171	556		
Total JULY	3409	2830	6239	9112	4736	13848	739	347	1086	21173	27
AUGUST											
Toque Pond	2243	2604	4847	6372	5969	12341	331	251	582		
Mataganon	609	534	1143	1247	694	1941	335	297	632		
Total AUGUST	2852	3138	5990	7619	6663	14282	666	548	1214	21436	28
SEPTEMBER											
Toque Pond	1761	1811	3572	4356	2553	6909	323	205	528		
Mataganon	404	213	617	617	345	962	134	114	248		
Total SEPTEMBER	2165	2024	4189	4973	2928	7901	457	319	776	12366	17
OCTOBER											
Toque Pond	621	574	1195	2085	1321	3406	120	104	224		
Mataganon	101	86	187	227	135	362	112	76	188		
Total OCTOBER	722	660	1382	2312	1456	3768	232	180	412	5562	7
TOTALS BY USE CATEGORY	12411	10794	23205	31817	18195	50012	2685	1633	4318	77535	100
% OF TOTAL USE			30			65			6		
% BY CATEGORY RES/NON-RES	53	47		64	36		62	38			
TOTAL % RES/NON-RES	61	39									

BAXTER STATE PARK
1990 GATE COUNTS -VEHICLES PER GATE

	VEHICLES			% OF TOTAL
	RES	NON-RES	TOTAL	
TOGUE POND GATE	-----			
May	1134	406	1540	
June	2079	1165	3244	
July	3116	2418	5534	
August	2319	3225	6144	
September	2255	1972	4227	
October	1010	824	1834	

TOGUE TOTAL	10010	22523	22523	62

	CAMPERS			
	RES	NON-RES	TOTAL	
MATAGANON GATE	-----			
May	395	91	486	
June	547	185	732	
July	948	468	1416	
August	666	555	1221	
September	426	294	720	
October	166	117	283	

MATAGANON TOTAL	1710	4858	4858	19

TOTAL GATES	11720	27381	27381	100

COMPARATIVE STATISTICS 1986 - 1990

GATEHOUSE STATISTICS:

PERSONS	1986	1987	1988	1989	1990	% CHANGE 1986-90
Resident	49459	50612	46908	50440	46913	-5.1
Non-resident	25579	31415	30679	30194	30622	16.5
TOTAL	75038	82027	77587	80634	77535	3.2
Day Use	41539	45980	48746	49195	50012	15.3
Transient	12267	13013	5964	6570	4218	-64.8
Campers	21182	23034	22877	24869	23205	8.7
TOTAL	75038	82027	77587	80634	77535	3.2

VEHICLES	1986	1987	1988	1989	1990	
Togue Pond	20106	22387	21430	22094	22523	10.7
Matagamon	4331	4740	4584	4797	4858	10.8
TOTAL	24437	27127	26014	26891	27381	10.8

CAMPGROUND STATISTICS:

CAMPER DAYS	1986	1987	1988	1989	1990	
CAMPGROUNDS:						
Roaring Brook	9622	10473	10543	10621	7406	
Abol	4988	5415	5621	5691	5381	
Katahdin Stream	9476	9992	10705	10370	7223	
Dalcey Pond	4635	4363	4871	4636	5138	
Kidney Pond	-	-	-	2179	3315	
Nesowadnehunk	4703	5787	5890	6182	4695	
Trout Brook Farm	3500	3266	4193	4791	2977	
S. Branch Pond	8472	9375	9331	9380	9251	
Russell Pond	2719	2890	3029	2881	2961	
Chimney Pond	3623	3688	3756	3888	3812	
TOTAL	50738	55749	57938	60619	52159	2.7

TOTAL CAMPER DAYS (52159)

TOTAL CAMPERS (23205)

= 2.2 DAYS PER CAMPER

OUTLYING SITES:

S. Branch Area	381	466	501	565	678	
Fowler Area	680	785	1005	1003	796	
Webster Area	909	1101	1491	1373	1315	
AT Shelter	111	324	171	393	386	
Davis Pond Area	140	343	241	351	271	
Nassataquoik Area	717	773	864	829	868	
TOTAL	3038	3692	4273	4414	4314	29.6

TOTAL SUMMER CAMPER DAYS 53776 59441 62211 65032 56472 4.8

VISTOR DAY STATISTICS: 36-37 37-88 88-89 89-90

TOTAL SUMMER VISTOR DAYS 107630 118434 116901 120798 10.9

(Camper+Day Use+Transient)

Winter Camper Days 919 1622 1810 1895

Winter Day Use 1200 1448 1299 1097

TOTAL WINTER VISTOR DAYS 2119 3070 3109 2992 29.1

TOTAL PARK VISITOR DAYS 109751 121504 120030 123790 11.3

SAXTER STATE PARK
1990 GATE COUNTS -VEHICLES

	RES	VEHICLES NON-RES	TOTAL	% OF TOTAL VEHICLES	TOTAL PEOPLE/ MONTH**	AVE. PEOPLE/ VEHICLE
MAY						
Togue Pond	1134	406	1540			
Matagamon	395	91	486			
Total MAY	1529	497	2026	7	5275	2.6
JUNE						
Togue Pond	2079	1165	3244			
Matagamon	547	185	732			
Total JUNE	2626	1350	3976	15	11173	2.8
JULY						
Togue Pond	3116	2418	5534			
Matagamon	948	468	1416			
Total JULY	4064	2886	6950	25	21173	3.0
AUGUST						
Togue Pond	2919	3225	6144			
Matagamon	666	555	1221			
Total AUGUST	3585	3780	7365	27	21486	2.9
SEPTEMBER						
Togue Pond	2255	1972	4227			
Matagamon	426	294	720			
Total SEPTEMBER	2681	2266	4947	18	12866	2.6
OCTOBER						
Togue Pond	1010	824	1834			
Matagamon	166	117	283			
Total OCTOBER	1176	941	2117	8	5562	2.6
TOTALS BY USE CATEGORY	15661	11720	27381	100	77535	2.8
% BY CATEGORY RES/NON-RES	57	43				

** Taken from 1990 Gate Counts - People

BAZTER STATE PARK
Camper Day Summary
1990

CAMPGROUNDS	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	% OF TOTAL TOTAL CAMPER DA
Roaring Brook	471	1177	1362	2031	1387	478	7406
Abol	349	651	1563	1567	968	233	5381
Katahdin Stream	560	1159	1886	2015	1245	358	7223
Daicey Pond	501	927	1132	1151	969	458	5138
Kidney Pond	129	611	865	814	627	269	3315
Nesowadnehunk	175	330	1466	1733	825	166	4695
Trout Brook Farm	132	231	901	1264	373	76	2977
S. Branch Pond	512	1040	3067	3094	1274	264	9251
Russell Pond	124	638	650	790	599	160	2951
Chimney Pond	-	744	894	1048	793	333	3810
Campground Total	2953	7508	14266	15507	9060	2845	52159
GROUP AREAS							
Avalanche Field	212	555	867	663	657	162	3116
Foster Field	90	258	835	843	491	47	2564
Nesowadnehunk	25	194	470	612	190	10	1501
Trout Brook Farm	153	97	413	419	64	23	1169
Grp Area Total	480	1104	2565	2537	1402	242	8350
OUTLYING SITES							
S. Branch Pond	51	63	170	254	114	26	678
Fowler	156	138	122	216	154	10	796
Webster	155	229	221	478	172	60	1315
AT Shelter	13	19	81	136	91	56	336
Davis	-	57	63	60	68	23	271
Wassataquoik Area	11	135	223	251	173	75	868
Outlying Total	386	641	380	1395	762	250	4314
TOT. CAMPER DAYS	3619	9253	17751	19439	11224	3337	64823

TO: BOB HOWES

NOVEMBER 1, 1990

FROM: LESTER KENWAY

SUBJECT: BIG NIAGARA FALLS REGISTER

I have attached a summary of the numbers of hikers we registered at the Big Niagara Falls Trail Register on the Appalachian Trail during 1990.

Total numbers of hikers is about the same as previous years, with the exception that there seems to be an increase in the number of 2000 mile A.T. Hikers this year (151 as compared to 80 - 100 in past years.)

I replaced the box in September because it had been chewed up by animals. The original box had been in place since 1980, so we got good service from it.

HIKER ORIGIN	11/1/89 TO 5/1/90	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	TOTAL
WITHIN BSP	3	105	157	179	255	204	67	970
ABOL BRIDGE	4	3	4	6	22	2	12	53
N OF MONSON		1			16	4	4	25
MONSON				4	11	2		17
S OF MONSON				3	4	2		9
OUTSIDE MAINE				4	13	7	6	30
GEORGIA			1	6	24	67	53	151
UNKNOWN	1	1	5	1	15	13	4	40
TOTALS	8	110	167	203	360	301	146	1295

BACKCOUNTRY SITE VACANCY RATES

<u>AREA</u>	<u># OF SITES</u>	<u># OF SITES DAYS/SEASON</u>	<u># OF 1990 SITE VACANCIES</u>	<u>% 1990 VACANCIES</u>
WEBSTER AREA	13	2002	1320	59.9%
DAVIS	1	137	25	. %
FOWLER AREA	8	1232	945	76.7%
SOUTH BRANCH	<u>3</u>	<u>378</u>	<u>170</u>	<u>44.9%</u>
TOTAL BACK-COUNTRY VACANCIES	25	3749	2460	66%

CAMPGROUND VACANCY RATES*

<u>CAMPGROUND</u>	<u>SITES/ SEASON</u>	<u>1990 SITE VACANCIES</u>	<u>% 1990 VACANCIES</u>
ROARING BROOK	3,366	828	24.6%
ABOL	3,213	1,183	36.8%
KATAHDIN STREAM	3,496	577	16.5%
DAICEY	1,683	84	5%
KIDNEY	1,530	124	8.5%
NESOWADNEHUNK	3,335	1,172	35.1%
SOUTH BRANCH	4,689	1,491	31.8%
CHIMNEY POND	1,233	203	16.5%
RUSSELL POND	<u>1,144</u>	<u>327</u>	<u>28.6%</u>
TOTAL CAMPGROUND VACANCIES	23,689	5,989	24.5%

*EXCLUDING BUNKHOUSES

TRAIL USE SUMMARY

TRAIL NAME	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	TRAIL TOTAL	AREA TOTAL	% OF TOTAL
KATAHDIN STREAM:									
Hunt	425	910	1828	2231	1643	474	7511		
Owl	81	115	241	298	299	93	1127		
Marston	14	18	0	0	3	2	43		
Mt. Coe	0	0	0	0	0	0	0		
Grassy Pond	10	2	20	40	33	27	122		
Double Top So.	2	0	0	10	4	4	20		
O.J.I.	0	0	0	40	11	1	52		
A.T. South	4	6	2	39	27	7	90		
KATAHDIN TOTALS	536	1051	2396	2658	2026	609		3375	10
ABOL:									
Abol Beach	153	451	1020	758	256	46	2684		
Abol Trail	382	609	1088	1451	1064	342	4936		
Abol Falls	33	83	137	146	110	28	546		
ABOL TOTALS	568	1143	2245	2354	1430	426		6166	9
REARING BROOK:									
Chimney	93	2359	3987	4743	3253	1063	15503		
Helen Taylor	11	656	1034	1326	761	141	3929		
Sandy Stream	726	1392	2191	2549	1253	655	8766		
So. Turner	217	215	397	595	309	128	1861		
Russell Pond	47	456	501	621	482	179	2226		
Nature Trail	19	136	349	570	220	134	1428		
RRG BR TOTALS	1113	5214	8453	10409	6278	2300		33773	37
SOUTH BRANCH POND:									
So. Branch Falls	13	24	104	73	44	12	270		
Ledges	16	24	53	60	19	3	181		
Howe Brook	8	56	201	195	100	24	584		
N. Traveler	47	94	267	376	223	76	1096		
Center Ridge	19	10	24	99	54	19	215		
So. Br. Mtn.	6	15	65	121	84	22	315		
Pogey Notch	32	163	296	209	187	71	867		
Burnt Mtn.	0	0	0	0	0	0	0		
Middle Fowler	8	4	40	27	24	9	117		
Other							0		
SO. BRANCH TOTALS	151	390	987	1150	785	225		2646	4
NEBOWACHEHUNK:									
Double Top	13	0	64	116	94	14	301		
Marston	1	0	34	17	3	0	55		
Center Mtn.	0	0	0	0	0	0	0		
N. Brother	0	0	0	0	0	0	0		
S. Brother	0	0	200	203	143	71	554		
NEBO. TOTALS	14	0	330	341	240	85		1010	1
CHIMNEY POND:									
Cudley	2	116	392	1213	711	328	3660		
Cathedral	0	557	1017	1196	942	316	4129		

Hamlin	3	103	103	148	169	67	587		
N. Basin	3	136	142	138	145	74	635		
N. Peaks	8	4	9	6	8	3	21		
N.W. Basin	0	74	64	67	72	9	286		
CHIMNEY TOTALS	2	2413	4072	4932	3736	1268		16423	18

DAICEY POND:

Niagara Falls	236	522	967	1143	652	248	3768		
D.P. Nature Trail	92	123	339	558	254	78	1444		
Lost Pond Trail	17	39	170	219	93	25	562		
Sentinel Mt. Trail	31	68	208	248	160	37	752		
A.T. to Katahdin	12	35	95	136	81	61	420		
Daicey to Grass.	60	153	379	454	253	79	1378		
Daicey to Elbow	54	122	323	433	221	85	1238		
Daicey to Kidney	50	47	148	181	124	36	586		
Doubletop	0	0	0	0	0	0	0		
DAICEY TOTALS	552	1109	2629	3371	1838	649		10146	11

KIDNEY POND:

Celia & Jackson	10	35	5	2	19	1	72		
Draper Pond	4	11	15	3	20	4	57		
Kidney Pond Outlet	0	0	0	0	0	0	0		
Lily Pad Pond	51	207	99	10	37	24	429		
Little Beaver Pond	0	0	0	0	0	0	0		
Little Rocky Pond	0	0	0	0	0	0	0		
Rocky Pond	67	227	63	43	42	20	468		
Sentinel Link	0	0	0	0	0	0	0		
Sentinel Mtn.	21	122	78	140	182	88	631		
Windy Pitch	6	19	10	3	15	0	53		
Daicey Pond	33	77	77	19	154	70	430		
Big Niagara	4	88	75	37	167	70	441		
KIDNEY TOTALS	196	736	422	263	636	277		2580	3

RUSSELL POND:

Russell Pond Trail	37	501	531	531	315	177	2192		
Wass. Stream Trail	17	273	314	318	147	39	1158		
Foggy Notch Trail	36	90	123	211	95	39	581		
Wass. Lake Trail	32	396	319	400	196	39	1432		
N.W. Basin Trail	1	131	130	148	108	43	564		
N. Peaks Trail	0	11	10	13	33	5	80		
Grand Falls Trail	26	50	111	107	30	25	357		
Lockout Trail	6	15	63	61	40	22	207		
RUSSELL TOTALS	154	1457	1539	1334	960	439		6071	7

TOTALS BY MONTH	3293	13573	22833	27370	17379	6346		31234	100
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% OF TOTAL	4	15	25	30	20	7		100	
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CLASS DAYS SUMMARY - 1990

CONDITIONS CONCERNING WHEN KATAHDIN IS CLOSED OR OPEN ABOVE TREELINE

Class 1 - Open - A good day.

Class 2 - Open but not recommended for climbing.

Class 3 - Open but not recommended; one or more trails closed - trails closed to be named by Ranger when setting Class Day.

Class 4 - Mandatory closure of all trails above treeline.

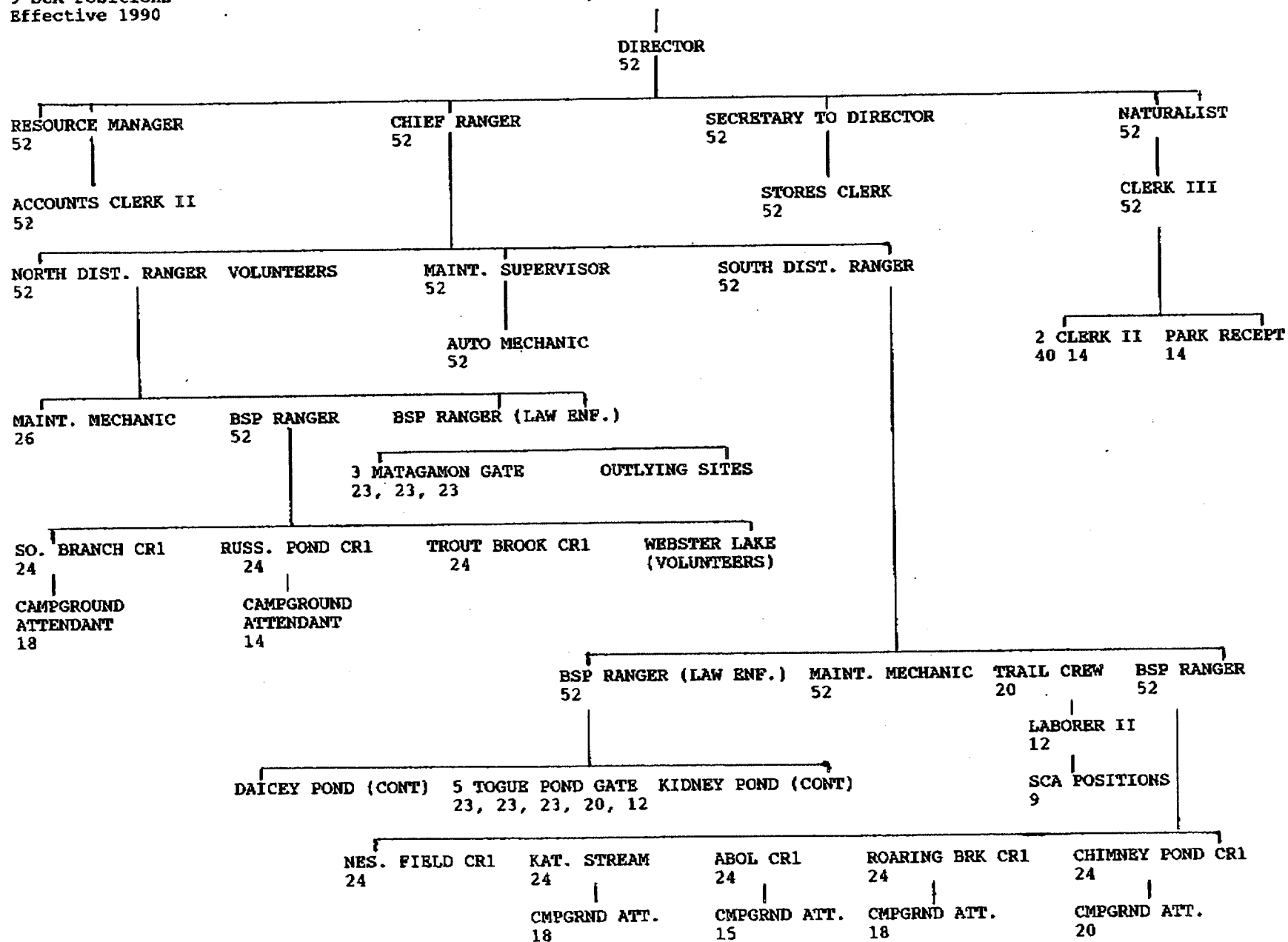
The Ranger at Chimney Pond is responsible for determining the Class Day of Katahdin. Closing applied only to portions of trails above treeline. Portions of trails below treeline will remain open.

NUMBER OF CLASS DAYS

<u>YEAR</u>	<u>CLASS 1</u>	<u>CLASS 2</u>	<u>CLASS 3</u>	<u>CLASS 4</u>
1982	51	80	7	0
1983	50	93	2	0
1984	47	70	22	6
1985	53	84	9	2
1986	36	102	13	0
1987	47	97	12	0
1988	32	89	23	11
1989	53	70	32	7
1990	39	88	24	14

50 Classified Positions
2 Contract Services
9 SCA Positions
Effective 1990

BAXTER STATE PARK AUTHORITY
ATTORNEY GENERAL
COMMISSIONER, INLAND FISHERIES & WILDLIFE
DIRECTOR, MAINE FOREST SERVICE



NOTE: The following positions were eliminated in 1990: Business Manager, 2 West Gate Attendants, CRI - Togue Pond

BAXTER STATE PARK
YEAR-ROUND POSITIONS - 1990

<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.
Business Manager 0041-0481	Elizabeth Austin	Headquarters, Mlkt.
Resource Manager 9452-0968	D. Jensen Bissell	Headquarters, Mlkt.
Secretary 005-0969	Roxanna F. McLean	Headquarters, Mlkt.
Interpretive Spec. 0479A-0947	Jean Hoekwater	Headquarters, Mlkt.
BSP Maintenance Supv. 9427-0121	Philip M. McGlaufflin	Headquarters, Mlkt.
Maintenance Mechanic 8281-0041	Albert Rickards	Headquarters, Mlkt.
BSP District Rangers 9404-0946 9404-0945	Barry MacArthur Robert E. Howes	North District South District
BSP Rangers 9434-0946 9434-0944 9434-0943 9434-0942	Thomas P. Chase Loren Goode Bernard Crabtree Charlie Kenney	North District South District South District North District
Auto Mechanic II 8303-0926	Tim Sides	Headquarters, Mlkt.
Clerk III 0003-0091	Janice T. Caverly	Headquarters, Mlkt.
Clerk Typist III 0013-1081	Judith A. Hafford	Headquarters, Mlkt.
Clerk Typist II 0012-0871	S. Jean Howes	Headquarters, Mlkt.
Stores Clerk 0221-0927	Rosemary K. James	Headquarters, Mlkt.

SEASONAL POSITIONS - 1990

<u>Title/</u> <u>Position Number</u>	<u>Name/Location</u>	<u>Weeks</u>	<u>Start</u>	<u>End</u>
MAINTENANCE RANGERS				
8281-0965 - 2	Coolong - North	24	5-6	10-20
CAMPGROUND RANGERS				
9425-0631 - 7	Cushman - Nesowadnehunk	24	5-6	10-20
9425-0021 - 1	Curran - Russell Pond	24	5-6	10-20
9425-0221 - 3	Smith - South Branch Pond	24	5-6	10-20
9425-0611 - 9	Ward - Trout Brook Farm	24	5-6	10-20
9425-0351 - 4	Hendrickson - Chimney Pond	24	5-6	10-20
9425-0641 - 8	Hamer - Roaring Brook	24	5-6	10-20
9425-0601 - 6	Johnston - Abol	24	5-6	10-20
9425-0391 - 5	Browning - Katahdin Stream	24	5-6	10-20
9425-0151 - 2	- Togue Pond	24	5-6	10-20
CAMPGROUND ATTENDANTS				
9424-0841 - 5	Trefethen - Chimney Pond	20	5-20	10-6
9424-0741 - 3	Fisher - Roaring Brook	18	5-20	9-22
9424-0922 - 6	Milne - South Branch Pond	18	5-20	9-22
9424-0461 - 2	White - Abol	15	5-27	9-8
9424-0831 - 4	Sheltmire - Russell Pond	14	5-27	9-2
9424-0421 - 1	Horton - Katahdin Stream	18	5-20	9-22
	SCA Student - South			
GATEHOUSE ATTENDANTS				
9422-0171 - 3	Tucker - Togue Pond	23	5-13	10-20
9422-0511 - 5	Gumprecht - Togue Pond	23	5-13	10-20
9422-0361 - 7	Miller - Matagamon	23	5-13	10-20
9422-0441 - 8	Thies - Matagamon	23	5-13	10-20
9422-0201 - 9	Hanson - Matagamon	23	5-13	10-20
9422-0501 - 4	Turmel - Togue Pond	23	5-13	10-20
9422-0531 - 1	Moore - Togue Pond	20	5-13	9-29
9422-0541 - 2	Gordon - Togue Pond	12	6-10	9-1
TRAIL CREW				
9435-0141 - 1	Kenway - Trail Crew Super.	28	3-19	9-29
8002-0940 - 1	Stillman - Laborer II	14	5-14	8-18
	8 SCA Students			
HEADQUARTERS				
0002-0731 - 1	King - Clerk II	40	1-2	10-6
0002-0941 - 2	Mott - Clerk II	20	4-30	9-15
9210-0967 - 1	Bouchard - Park Receptionist	14	5-29	9-1

Revised 6/6/90

F. DIRECTOR'S CONCLUDING REMARKS

CONCLUSION

This year has been one of fulfillment and as each of us has gone about our chores, we did not realize the volume of accomplishments until it was time to compile this report. When we sit back, evaluate and bring together this inventory of results, it makes us as managers feel good about team efforts and results. Now as we look to the new year our goals will be to complete the Capital Equipment Inventory reconciliation, dispose of the reclassification issues (accept or reject depending on the will of the Legislature within whose hands it now rests) and complete implementation of a full and accountable budget tracking system which keeps all management staff informed on progress of their budget. We will see a decision on the arbitration case pending. We will be part of an active management plan implemented at Harpswell, Mt. Chase and Mackworth Island; and we will see interesting results within Park operations, Administration and our Scientific Forest Management Area. We will meet the challenges of tough economics times with clear and firm policies on trust investments in accounts we can control and work to offer the best recommendations in instances which we do not control, but have the opportunity for input. Our budgets will be decisive and consistent with revenue spending policies identified by our Investment and Finance Committees. We will maintain our margin between Revenues and Spending to build towards a secure financial future, for it is important to maintain the financial security and independence of the Park in order to protect the natural resources of Baxter State Park.

During any given year, an appointing Authority must make decisions and implement policies which are not always popular. Such an instance occurred during 1990 which will result in an implemented policy in 1991. For nearly 20 years, BSP has carried its own State vehicle decal. It is unique as designed by artist Jake Day and accepted by the Secretary of State's office. On several occasions it has been recommended to me by a key staff member that the decal be supplemented by a PARK RANGER decal located on the front of patrol vehicles or on the front fenders depending on vehicle model or design. Some opposed the proposal, some supported it. I was asked to make a decision. Reasons of support included:

1. A higher profile distinguishing Park staff to the public. There are 5 other agencies with similar duties, and vehicle markings that often causes public confusion as to who represents this agency.
2. Better accountability on use of vehicles.
3. Quicker recognition by the public we serve, in order to better serve.
4. Consistency - some Park vehicles assigned to Park had them, others did not.

The opposing reasons were that some Rangers didn't like them.

I considered each view and made the decision based on these facts, we had experienced a very successful trial period, about 3 years on some test vehicles. The reasons for support for such a policy were good. No one gave me a valid reason not to have decals, other than personal preference. I believe it is good for the Park and the public we serve, therefore in 1991 all operational vehicles which are assigned within the Park or in the Park on a daily basis, will be affixed with this decal. Maintenance vehicles (dump truck, tractors, etc.) are exempted as vehicles that are used extensively outside of the Park. To those who object, I simply say, as one who has come up through the ranks, it is a privilege to be identified as a PARK RANGER. The decal on the door alluding to the moose, the mountain, the pond, the forest, the blue sky, the cloud over Pamola and the words **BAXTER STATE PARK** says the rest.

In 1991 we will continue to appreciate the support of the 112th Medivac with service from the Bangor base; the Search and Rescue Teams represented by Wilderness Rescue, Dirigo Search & Rescue and Lincoln Search & Rescue.

We are indebted to Paul Stern at the Attorney General's office who is BSP's legal advisor and to staff at Maine Fish and Wildlife and Maine Forest Service for their assistance. To Jane Thomas and the Baxter State Park Advisory Committee, Bob Frank and the SFMA Advisory Committee and all the agencies who help on a regular basis, our thanks. To the Baxter State Park Authority, thanks for letting us be a part of this most important responsibility.

In conclusion, I am delighted to report that 27 years after the tragedy that claimed the life of Ranger Ralph Heath, he will be recognized by inscription of his name on the new Maine Law Enforcement Officers' Memorial, a dignified and fitting tribute to those who died in the line of duty. Ralph Heath will remain through history as one of our own who made the supreme sacrifice. Governor Baxter purchased his headstone and upon it are these words so appropriately inscribed:

"He gave his life trying to save the life of another."

Respectfully submitted,



Irvin C. Caverly, Jr.
Director
Baxter State Park
April 15, 1991

G. APPENDIX

BSP STAFF AGENDA
FOR
WILDERNESS MANAGEMENT WORKSHOPS

Field Trip and Guest Speaker Report Format
Recreation and Wilderness Management
Rem 411

- I. Description of the Park area
 - A. Name
 - B. Size of area
 - C. Special features
 - D. Governing agencies
 - E. Origin of the Park
 - F. Primary Purpose of the Park
 - G. Recreational Use or Uses of the Park
 - H. Describe the Park's location on the Environmental Spectrum
- II. What are the management objectives
- III. Describe the management techniques used to meet the objectives
 - A. Management techniques associated with the natural resources
 - B. Management techniques associated with the human element
- IV. What problems or conflicts has the park management encountered?
- V. What special studies has the park management undertaken?

STATEMENT OF PURPOSE

BAXTER STATE PARK ADVISORY COMMITTEE

I. Introduction

The Baxter State Park Advisory Committee was first appointed in 1970 by the Baxter State Park Authority to provide the Authority* the benefit of the advice, and resource capability of persons experienced in Park* affairs and familiar with Governor Baxter's intentions in creating the Park. At that time, turnover in the three State offices (Attorney General, Director of Maine Forest Service and Commissioner of Inland Fisheries & Wildlife) that comprise the Baxter State Park Authority justified the creation of the Advisory** Committee which, although its role is purely advisory, could provide continuity in Park management and consistent with Governor Baxter's wishes. The Committee members have always been selected by the Authority,*** thereby assuring that the Advisory would be comprised of individuals whose advice was valued by the Authority.

II. STATEMENT OF PURPOSE:

The purpose of the Advisory Committee is to advise the Authority on important matters concerning Baxter State Park. It shall be comprised of persons knowledgeable of Governor Baxter's intentions for the Park, familiar with the Park, its history and its master plan. Using their knowledge and experience, the *

Advisory members shall provide a forum for discussion of and recommendation on important Park management issues prior to decisions by the Authority.

A major purpose of the Advisory shall be to review long-term trends, issues and opportunities, and to advise the Authority about appropriate responses to changes. The role of the Committee will remain strictly advisory, recognizing that responsibility for decisions rests with the Authority.

III. MEMBERSHIP:

Members of the Advisory Committee may be appointed by the Authority on recommendation from the Advisory and Director. It is recommended that:

- A. 1. The Advisory Committee shall consist of 15 members.
2. Members be appointed to a three year term.
3. Persons previously serving on the Committee be appointed to staggered three year terms to provide continuity.

* "Park" shall mean Baxter State Park

** "Advisory" shall mean Baxter State Park Advisory Committee

*** "Authority" shall mean Baxter State Park Authority

4. A Chairperson be elected by the Committee to serve a maximum of 2 consecutive 2-year terms. This person should have previously served as Vice Chairperson for at least one year.
5. A Vice Chairperson be elected for a 1-year term, subject to re-election.
6. Election of chairpersons to take place at meeting previous to July 1st.

B. Responsibilities of Chairperson:

1. Responsible for setting dates and agenda for meetings.
2. Conducting meetings of the Committee.
3. Consulting with Authority, Park Director and staff.
4. Consult with Vice chairperson on all of the above.
5. Share the responsibility to attend sub-committee meetings with Vice Chairperson.

C. Responsibilities of Vice Chairperson

1. Share the responsibility of setting up dates and agenda.
2. Conduct meetings in absence of Chairperson.
3. Share with Chairperson the responsibility to attend sub-committee meetings.
4. Share with Chairperson the responsibility of consultation with the Director and his staff.

D. Ad Hoc and Emeritus Membership

The Baxter Park Advisory Committee is supplemented by designated Ad Hoc and Emeritus members. Ad Hoc members are appointed at the pleasure of the Baxter Park Authority as an entryway to the Advisory. Ad Hoc members must be reviewed annually with respect to their participation. At the discretion of the Authority, veteran members may request Emeritus status, subject to the approval of the Authority. At the discretion of the Advisory Chairperson or Vice Chairperson, Ad Hoc and Emeritus members may be asked to vote if they have participated in the discussion(s) of the issue(s).

E. Appointment and re-appointment of Advisory members

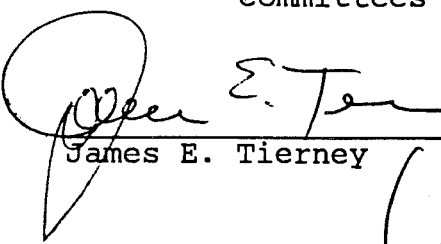
1. The Advisory Committee and Director will make recommendations from a list of Ad Hoc Advisory members for appointment to the Committee.
2. Re-appointments for another 3 year term may be recommended based on a review of a member's participation and a written inquiry to the person whose term is expiring asking about the person's continued interest and ability to attend regular meetings of the Committee.

F. The following Baxter State Park staff should be designated as Ex-Officio members of the Advisory Committee: The Baxter Park Director or his designee are designated Ex Officio members of the Advisory Committee.

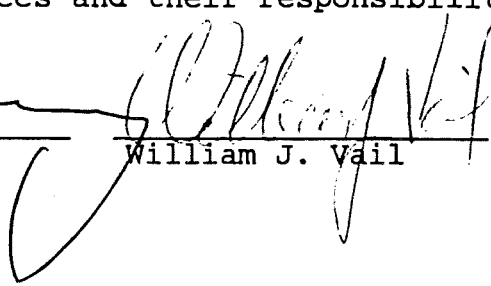
IV. ACTIVITIES

The Advisory members are expected to participate in a number of activities:

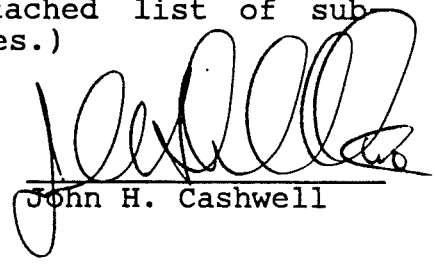
- A. As individuals, to visit the Park; to talk with the staff and users of the Park; to discuss Park affairs with members of the Authority, and to assist the staff in their areas of expertise upon the request of staff or the Authority.
- B. To consider and make recommendations on issues referred to the Advisory by the Authority. Sub-committees may be formed to research, prepare materials and make proposals.
In cases where a sub-committee is formed to address an issue, it shall report its recommendations to the full committee for discussion and approval before recommendation is given to the Authority.
- C. To meet at least six times per year to discuss long-term management issues and to prepare recommendations for the Authority's consideration. It is expected that appropriate staff will participate in those discussions and that the Authority will be advised of the Committee's activities. (See attached list of sub-committees and their responsibilities.)



James E. Tierney



William J. Vail



John H. Cashwell

DONATION POLICY

1. Such gifts must be unrestricted regarding their use.
2. Such gifts must not be of the nature of a public memorial. For example, the gift cannot require that there be any plaque, statue, or named structure within the Park or at Park facilities.
3. Providing that the gifts meet the other guidelines herein presented,
 - a. gifts of cash, securities, material, or equipment having a fair market value of less than \$500 may be accepted by the Park Director without consulting the Authority;
 - b. The Park Director will account to the Park Authority for all gifts of less than \$500, at least annually.
4. Gifts having a value of \$500 or more and which meet these guidelines can be accepted only by vote of the Park Authority.
5. Neither Park employees, Advisory Committee members, Authority members, nor the spouses of these persons may solicit funds. All, however, may respond to inquiries initiated by potential donors.

The above is the policy approved.

BAXTER STATE PARK
AUTHORITY/ADVISORY LISTING
(Effective 5/90)

<u>AUTHORITY MEMBERS:</u>	<u>REAPPOINTMENT</u> <u>YEAR</u>	<u>ADDRESS:</u>	<u>TELE-</u> <u>PHONE</u>
JAMES E. TIERNEY, CHAIRMAN Attorney General		Dept. of the Atty. Gen. State House Station #6 Augusta, ME 04333	289-3661
WILLIAM J. VAIL, COMMISSIONER INLAND FISHERIES & WILDLIFE		284 State Street Station #41 Augusta, ME 04333	289-3371
JOHN H. CASHWELL, DIRECTOR MAINE FOREST SERVICE		State House Station #22 Augusta, ME 04333	289-2791
 <u>ADVISORY COMMITTEE MEMBERS:</u>			
1. JANE THOMAS, CHAIRMAN	93	R.F.D., Box 56 Surry, ME 04684 camp	667-2087 943-2318
2. ERIC BAXTER	91	28 Wood Road Cape Elizabeth Maine 04107	774-3557
3. WINSTON ROBBINS	93	29 Hayford Street Hallowell, ME 04347	622-6705
4. FRANK CLUKEY	91	20 Union Street East Mlkt. ME 04430	746-5395 Rec. 746-3844
5. STEPHEN CROCKETT	91	c/o Fleet Bank P.O. Box 669 Augusta, ME 04330	622-7161
6. BEN TOWNSEND	93	RFD 2, Box 535 Augusta, ME 04330	582-5600
7. ROBERT OHLER	92	Box 58 Winthrop, ME 04364	(Hm) 377-2142
8. WILLIAM CROSS (Winter Address)	91	R.F.D. #2, Box 675 Palermo, ME 04354 7043 Mt. Arlington Dr., NE St. Petersburg, FL 33702 Tel: 813-521-1223	993-2524
9. RUPERT WHITE	93	Kidder, Peabody & Co., Inc. One Canal Plaza Portland, ME 04111	773-1721 800-442-6307

<u>AUTHORITY</u>	<u>YEAR</u>	<u>ADDRESS</u>	<u>TELE- PHONE</u>
10. JACK HAUPTMAN SUPERINTENDENT	91	Acadia National Park P.O. Box 177 Bar Harbor, ME 04609	288-5456
11. DR. ROY L. FARNSWORTH VICE CHAIRMAN	91	Hersey Hill Rd., RFD #3 Auburn, ME 04210	783-9936
12. JOHN F. LOYD, JR.	92	Loyd, Bumgardner & Field Lincoln Bldg. 98 Main Street Brunswick, ME 04011	(w)729-6556 (h)833-5007
13. JOHN HOWARD	92	R. #2, Box 58 Orrington, ME 04474	825-3724
14. James Garland, CFA	93	H.M. Payson & Co. One Portland Square Portland, ME 04011	772-3761
15. Dr. Ray B. Owen	93	Chair, Wildlife Dept. U. of M. 240 Nutting Hall Orono, ME 04469	581-2863 866-4892

AD-HOC MEMBERS:

1. Rick Scribner
Rt. 1, Box 344A
Machias, ME 04654
Tel: 255-3313
866-4892
2. John P. Bibber
8 Blueberry Lane
Brunswick, ME 04011
Tel: 725-6823
3. Martin Hayden, Atty.
9 Lincoln St.
Brunswick, ME 04011
Tel: Wk 729-5127
H 725-6528
4. Philip Ahrens
R.R. 1, Box 145
Yarmouth, ME 04096
Tel: Wk 773-6411
H 846-9572

Rev. 5/15

B.S.P. ADVISORY COMMITTEE
STANDING SUB-COMMITTEES
MEMBER LISTING

COMMITTEES/MEMBERS

RESPONSIBILITIES

FINANCE COMMITTEE

Steve Crocket, Chairman
William Cross
Jim Garland
Rupert White
John Howard

Budget review
Finance Review
Investment review
Park Use Fee Schedule
Contractual Services

PARK REGULATION & VISITOR USE COMMITTEE

John Loyd, Chairman
Eric Baxter
Frank Clukey
Robert Ohler
Ray Owen
Winn Robbins
Ben Townsend
Rick Scribner
Roy Farnsworth

Rules & Regulations
Administrative Procedures
governing use
Volunteer program
Wilderness use concepts

PERSONNEL COMMITTEE

William Cross
Jane Thomas
Robert Ohler
Jack Hauptman

Personnel matters
Employee contract review
Staffing levels
Staff Training Programs

MANAGEMENT PLAN COMMITTEE

Robert Ohler, Chairman
Winn Robbins
William Cross
Jack Hauptman
Roy Farnsworth

Update of Management Plan
Park Boundaries
Land Acquisition

CAPITAL EQUIPMENT COMMITTEE

Winn Robbins
Eric Baxter
Ben Townsend

Communications
Buildings
Maintenance
Roads & Bridges
Vehicle Usage

SCIENTIFIC STUDY REVIEW COMMITTEE

Jean Hoekwater, Staff Coordinator
Dave Field, U of M
Jud Roberts, Advisory
Woodrow Thompson, M.G.S
Jane Thomas, Advisory
Hank Tyler, State Planning
Daniel Lux, G.S.D.
George Matula, IF&W
John Albright, Nature Conservancy
Steve Oliveri, Dept. Conservation

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

BAXTER STATE PARK
SCIENTIFIC FOREST MANAGEMENT AREA
ADVISORY COMMITTEE
(Effective 5/25/89)

<u>MEMBERS:</u>	<u>REAPPOINTMENT</u> <u>YEAR</u>	<u>ADDRESS</u>	<u>TELEPHONE</u>
Charles Gadzik	91	Box 84 Brookton, ME 04413	738-4057(H) 448-2224(W)
Melvin Ames	90	R.F.D. #3, Box 118 Dover-Foxcroft ME 04426	564-7570
Jerry Bley	90	271 State Street Augusta, ME 04330	622-3101
Tom Cieslinski Supervisor Planning & Research Div.	90	Bur. of Parks & Rec. State House Station #22 Augusta, ME 04333	289-3821
Charles Fitzgerald	89	16 East Main St. Dover-Foxcroft, ME 04426	564-3400
Robert Frank, Chairman Research Forester U.S. Forest Service	89	University of ME 217 U.S.D.A. Bldg. Orono, ME 04469	947-8838(H) 581-3666(W)
Dr. Robert Ohler	91	Box 58 Winthrop, ME 04364	377-2142
Robert Seymour Associate Research Professor of Forest Resources	91	University of ME 225 Nutting Hall Orono, ME 04469	581-2860
Ted Tryon James W. Sewall Co.	91	147 Center Street Old Town, ME 04468	827-4456
Winston Robbins	91	29 Hayford St. Hallowell, ME 04347	622-6705
Joe Wiley	91	Bureau of Public Lands Station #22 Augusta, ME 04330	289-4921

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Rev. 6/89

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Wilderness Rescue Team
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Al & David Martin
Dirigo Search & Rescue Team
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Orono, ME 04473

Gareth Anderson, Safety Officer
Inland Fisheries & Wildlife
284 State St. - Station #41
Augusta, ME 04333
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Lincoln Search & Rescue Team
c/o Clyde Goodwin
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Lincoln Center, ME 04458

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Sheriff's Dept.
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Dover-Foxcroft, ME 04426
Tel: 564-3304
(Sheriff Elect John Gogan
Nov. 1990)

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Camden Mtn. Rescue Team
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Union, ME 04862

John McDonough
Wilderness Search & Rescue
RFD #3, Box 192
Wiscasset, ME 04578
H - 882-7020
W - 443-331 x 3570

AGREEMENT

THIS AGREEMENT entered into this 16 day of March, 1990 by and between Great Northern Paper, a division of Great Northern Nekoosa Corporation, a corporation duly established under the laws of the State of Maine and having its office and principal place of business in Millinocket, Maine (hereafter called "GNP"), and Baxter State Park, located at 64 Balsam Drive, Millinocket, Maine (hereafter called the "Park").

W I T N E S S E T H

WHEREAS, GNP has a duly licensed and properly operated landfill; and

WHEREAS, the Park needs such duly licensed and properly operated landfill space to lawfully dispose of certain solid waste generated by the Park and its visitors.

NOW, THEREFORE, in consideration of the mutual covenants and promises herein contained and for good and valuable consideration, the receipt whereby being hereby acknowledged, the Park and GNP agree as follows:

1. The Park may dispose of its solid waste in areas and at times to be designated from time to time by GNP at the Dolby III Landfill as presently situated in the Town of East Millinocket, Maine, County of Penobscot, in accordance with all the terms and conditions set forth herein.
2. For purposes of this Agreement, the term "solid waste" shall mean that waste described in GNP's then applicable solid waste disposal license for the Dolby Landfill or that waste designated acceptable waste by GNP.

3. Notwithstanding anything else contained herein, GNP shall have no obligation to receive and accept any Park solid waste, the disposal of which would be prohibited at the Dolby Landfill pursuant to the then applicable solid waste disposal license or permit, or pursuant to any other applicable legal requirement.
4. All waste delivered to the disposal area shall be in compacted form and conveyed to the site in full loads by the Park's commercial refuse collector who is collecting within the Park.
5. GNP shall provide personnel and equipment and cover material to properly dispose of the solid waste after it has been transported to the designated area.
6. The Park will pay to GNP an amount equal to the cost incurred by GNP in handling or otherwise disposing of the Park's solid waste. The Park shall pay to GNP, within ten (10) days of the receipt of each monthly invoice, an amount computed by GNP per cubic yard of solid waste. Such amount will be computed yearly and will be based upon the Park's pro rata share of the total cost to GNP of constructing, permitting, maintaining, operating, and closing all aspects of the Dolby Landfill as it now exists or may be expanded or altered. Such amount may also, at the discretion of GNP, include the cost to GNP of creating a reserve to develop future landfill capacity which will be required as a result of handling the Park's solid waste.

7. The Park shall submit to GNP, and keep current, a waste management plan within 180 days of enacting this Agreement. The plan shall outline the methods by which the Park shall control the waste streams to the landfill. The Park shall reduce the volume of its waste and the risks related to its handling and disposal to the maximum practical extent by recycling and source reduction prior to disposal. The Park agrees to comply with all applicable Federal and State requirements relating to recycling and source reduction of solid waste.
8. The Park will keep and make available to GNP upon request such records and reports as GNP requires in order to assure that GNP has available to it all information it deems necessary with respect to the wastes generated by the Park and to be disposed of by GNP, including, without limitation, information with respect to the nature, volume and concentration of the waste. The Park shall retain such records and reports for a minimum of five (5) years. The Park shall notify GNP prior to destruction of any such records and reports and, upon request of GNP, retain them for a longer period of time.
9. In the event The Park violates any of the terms or provisions of this Agreement, the Park shall be responsible for all costs incurred by GNP in eliminating or minimizing the affect thereof, as well as any fines, penalties or other costs imposed upon, or incurred or negotiated by GNP as a result of said violation.

10. GNP reserves the right to immediately terminate this Agreement in the event that the Dolby Landfill is deemed or becomes a "commercial solid waste disposal facility" within the meaning of 38 M.R.S.A. Sections 1310-X, 2158 (Supp. 1989), or becomes subject to requirements or statutes it would not become subject to if it were not permitting disposal of the Park's solid waste.
11. Notwithstanding anything else contained herein, GNP reserves the right to immediately terminate this Agreement without notice or liability if, in GNP's judgement, to dispose of the Park's solid waste would jeopardize the sound and lawful, present or future operation, of the Dolby Landfill, would constitute a violation of the Dolby Landfill solid waste disposal facility license, or would present a threat or risk to public health, safety or the environment.
12. GNP shall not be liable for a delay or suspension of performance caused by acts of God, fire, flood, war, government action, accident, labor difficulties or shortage, inability to obtain material, equipment or transportation, or similar circumstances beyond the reasonable control of GNP.
13. The Park agrees that it will: (i) assume all risks of death, injury, loss or damage to itself and its agents, employees or invitees and their property arising in connection with the Park's disposal of its solid wastes at the Dolby III Landfill; (ii) indemnify and hold GNP harmless from and against any claims, actions, demands, expenses, losses or

liability whatsoever, including loss, damage, injury or death to itself and its agents, employees and invitees or other persons or property arising in connection with the Park's disposal of its solid wastes at the Dolby III Landfill; and (iii) indemnify and hold GNP harmless specifically from any claims, actions, demands, expenses, losses or liability whatsoever emanating from any governmental agency with jurisdiction, in regard to any alleged damage regardless of how caused or when discovered, arising in connection with the Park's disposal of its solid wastes at the Dolby III Landfill. The Park shall retain ownership of its solid wastes forever and the indemnity provided herein to GNP by the Park shall survive the expiration or termination of this Agreement.

14. The term of this Agreement shall be from the date of signature and expire on January 1, 1991.

IN WITNESS WHEREOF, the parties hereto have caused these presents to be duly executed, in duplicate, the day and year first above written.

Barbara M. Loran 3/14/90
Witness

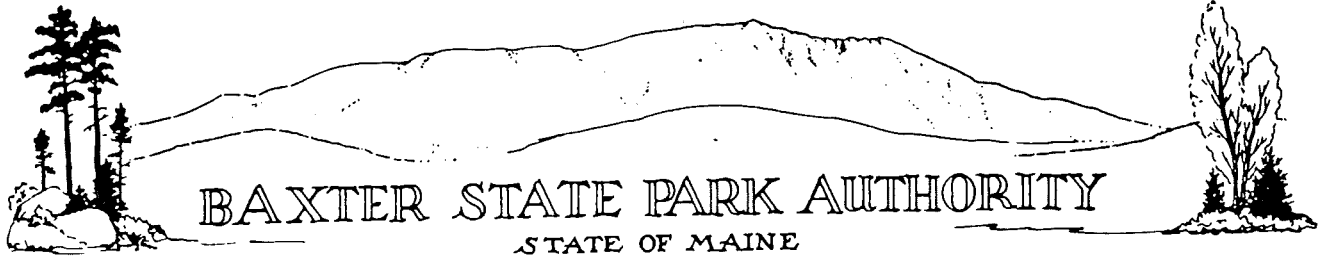
Madeline M. Laughlin
Witness

BAXTER STATE PARK

By: Sam C. Parry Jr. 3/14/90
Its DIRECTOR

GREAT NORTHERN PAPER

By: [Signature] 3/16/90
Its V.P. Operations



AUTHORITY MEMBERS
JOHN H. CASHWELL, CHAIRMAN
DIRECTOR-MAINE FOREST SERVICE

WILLIAM J. VAIL, COMMISSIONER
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ADMINISTRATION 723-9616
IRVIN C. CAVERLY, JR., DIRECTOR

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

March 1, 1991

Tom Morrison, Director
Bureau of Public Lands
Bureau of Parks and Recreation
Station #22
Augusta, ME 04333

Kathleen Fries, Superintendent
Governor Baxter School for the Deaf
Mackworth Island
P.O. Box 799
Portland, ME 04104-0799

Dear Tom and Kathy:

As a follow-up to several months of meetings with the Mackworth Island Public Trust Advisory Board, it seemed appropriate that I offer to you an overview of the consensus of the Board in addition to the minutes that you have been receiving. In doing this, I hope this information will be helpful to you as you work with the planners to put together a proposed plan for the Legislature's consideration on March 10 of 1991. I have developed an inventory of topics and will proceed to discuss each according to that sequence of the inventory.

The Mackworth Island Public Trust Advisory Board was created by the Maine Legislature in the form of LD 2221. Board members were appointed and an inventory of that membership was established on October 17, 1990. Membership consisted of Irvin C. Caverly, Jr., Chairman, Director of Baxter State Park; Edward Welch of 25 Highland Avenue, Norway, ME; Rod MacInnes, 326 Auburn St., Apt. 25, Portland, ME; Rep. Herbert Adams, 65 Sherman St., Portland, ME; Donald Perkins, c/o of the Friends of Casco Bay, 3 Veterans St., Peaks Island, ME; John Dieffenbacher-Krall, Maine People's Alliance, 20 Danforth St., Portland, ME and Eric Baxter, 28 Wood Road, Cape Elizabeth, ME. Other participants included Tom

Morrison, Director, Bureau of Public Lands; Kathleen Fries, Superintendent, Governor Baxter School for the Deaf; Libbie Bush, Assistant Superintendent, Governor Baxter School for the Deaf and Henry Whittemore, Bureau of Public Lands. Staff members from Baxter State Park are Roxanna McLean, Secretary assisted with the minutes; also participating were Jean Hoekwater, Baxter Park Naturalist and Jensen Bissell, Baxter Park Forest Manager.

The first meeting of the Board was called to order on November 30, 1990 at 1:00 P.M. Subsequent meetings were held on December 20, 1990 at 1:00 P.M. at Governor Baxter School for the Deaf and February 15, 1991 at 8:00 A.M. at Governor Baxter School for the Deaf. Concluding each meeting a set of minutes was compiled by Baxter Park Secretary Roxanna McLean. These minutes have been distributed in draft form and when available in final form, to all participants of the meetings. All minutes with the exception of the February 15, 1991 have been adopted by the Mackworth Island Public Trust Advisory Board.

At our meeting of December 20, 1990, 1:00 P.M. at Mackworth Island, it was recognized by Board members that the timetable for completing our work and getting information to the planners was inadequate as the planners had been mandated by the Legislature to respond by January 10, 1991. It was moved, seconded and adopted that we would request the Legislature for an extension of up to 60 days at this meeting. As a result of that motion, I requested that Rep. Adams ask the Chair of the Energy and Natural Resource Committee at the Legislature for an extension. On January 9, 1991 I was advised by Paul F. Jacques, State Representative that our extension request had been approved to March 10, 1991.

MANAGEMENT STRUCTURE

After lengthy discussions at several meetings, it is the consensus of the Mackworth Island Public Trust Advisory Board that the Park Ranger position, when implemented, should be under the management and supervision of a natural resource protection agency. All members felt it would be inappropriate for this position to be supervised by the staff at the Governor Baxter School. It is our recommendation that the position be supervised by the Bureau of Public Lands. The interim Mackworth Island Public Trust Advisory Board should be appointed for a specific period of time as the permanent Board in order to establish continuity of many of these points discussed at various meetings.

RECREATIONAL USE

An extensive subject which was dealt with from many perspectives. The consensus of our group again is that the recreational use of the island should be monitored, stats gathered and a capacity plan developed. In the meanwhile, this group is recommending that parking for not over 20 vehicles be made available for recreational use; the parking lot for this to be controlled by the guardhouse at the entrance of Mackworth Island. Long term consideration should be carrying capacity of the island as a whole. Additional parking near the caretaker's house and

Governor Baxter School would be available for school and administrative business.

PET CEMETERY

Discussions regarding the status of the pet cemetery were consistent towards the best interest of maintaining that facility as was intended by Governor Baxter. It appears from personal inspection that the school has put a great deal of effort into fixing stones, upgrading the rock wall and established considerable improvement at the cemetery during the last few years. It's in good shape and we trust that it will continue to be maintained as such.

EROSION CONTROL

Erosion has been a concern from the very start and probably contributed much to the establishment of this Committee. The Committee found during their trips around the island, visits to the island and discussions at the various meetings, that there were serious control problems on drainage from building facilities, erosion on trails and dumping over the embankment into the bay. These were discussed at length through each set of the minutes that we referred to. The consensus of the Advisory Board is that close monitoring of anything that could have a negative environmental impact to the island must be evaluated closely and done in a proper way according to all State laws and good ethical practices.

GATEHOUSE CONTROL

Gatehouse control is seen as an important part of controlling use on the island. The new building in place is located such that it should offer the managers the opportunity to monitor all types of use and certainly should be a major improvement in controlling access. Some Committee members were concerned that the gatehouse was located as is and was costly to construct; however it is the opinion of the overall Board that the facility will accomplish the job it was designed for and will serve as a good control tool.

PETS

Next to environmental issues the dog issue was probably the most controversial among our discussions. It came up at every single meeting and motions were made and voted on at least 3 times before the group came to a consensus that dogs/pets should be allowed to continue on the island as long as they're kept on leash and other restraints 12 months a year. This motion was recommended for one year duration with the understanding that it be re-evaluated at the end of that year by the permanent Advisory Committee and recommendation be modified if necessary at that time based on pertinent information.

CARRY-IN, CARRY-OUT POLICY

During these times of disposal of solid waste it is the consensus of the Advisory Board that all material items brought onto the island by recreational users be carried out and properly disposed of. Therefore the plan should call for a Carry-in, Carry-out

policy.

ENVIRONMENTAL IMPACTS

Concerns were raised regarding some dumping that had taken place in a small pond, dumping over the embankments of the island towards the bay and the setting of debris such as leaves and bags placed on the embankment, other debris and rubbish and some old tires. These concerns were discussed at length and it is the recommendation by our Board that these items be cleaned up to the most practical and fullest extent possible. Also discussed was a drain overflow pipe which nobody really knew where it originated from, but it was pointed out that it is important to be sure that the pipe is sufficiently sealed and is not allowed to leak any hazardous and polluting material. The Advisory Board understands from the staff that the pipe has been sealed and they will take steps to assure that it is sealed properly so that leakage will not occur. The Advisory Board also was concerned about poisonous chemicals - herbicides, pesticides and road salt - and have been assured by the staff that these items are not being used and have not been used during the last 2 years. Chemicals stored at the island from previous years will be disposed of according to law and it is recommended that road salt be mixed with sand to cut down on the impact of using clear salt. In addition to these specific issues, the Mackworth Island Public Trust Advisory Board is aware of several unique resources on the island which should be protected and monitored. Among these are the aquatic plant in the small pond near the gatehouse, the oyster shell middens, a honeysuckle shrub, shagbark hickory trees and Columbine. Lastly, the extensive softwood plantations established on the island by Governor Baxter are a dynamic community and will change over time. Management plans need to address the appropriate management actions necessary to complement these resources in the Mackworth Island setting.

INTERPRETIVE EDUCATION SIGNS FOR THE RECREATIONAL USER

The Advisory Board talked at great length about what could be done in the area of interpretation/education to better inform the users of the goals of the island. We believe a lot can be accomplished through education interpretation and signs to avoid misunderstandings and develop a better appreciation to what the island and its natural resources represent.

BUILDING EXPANSIONS

Building expansions should not be started until environmental impact studies have been complete and all steps have been taken to assure that any new construction minimizes negative impacts on the resources themselves and absolutely necessary for the administration of the school. This Board recognizes the school has to make the determination of what they need for facilities. It is important from our perspective that historic buildings such as the Governor's mansion, the caretaker's house and buildings that were present when Governor Baxter and his family lived on the island be preserved and protected to the fullest extent possible.

TANKS AND OIL SPILLS

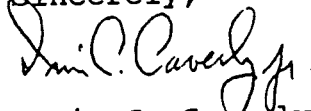
This issue again was discussed at great length and it was concluded by the Advisory Board that if there are tanks still in existence, they should be removed according to the guidelines offered by State regulations and any oil spills should be cleaned up and governed by the same laws.

And finally, the Board received a call from Roger Dunning of the MSEA who pointed out areas previously mentioned and which were dealt with at length in our discussions at the February 15 meeting. An inventory of those items included weed killer, road salt, guardhouse construction without a site plan, the pond being impacted by materials being thrown in, the pumping station drain not properly sealed and the Campground Ranger's position should be assigned to live in the caretaker's house and be supervised by a conservation agency vs. that of the island.

This is a quick overview of topics that we discussed and the consensus that we arrived at on each. It does not necessarily reflect every subject, but it does highlight to the author's best recollection those issues which were key issues and demanded a lot of time, discussion and resolution. I hope you find this memo helpful. If you need any clarification on any of the above, we would be happy to respond.

In conclusion, it is our united opinion that we should meet following proper notification with interested residents within the local communities to review our suggestions, positions and to explain how we arrived at them; to answer questions as they arise and to develop a dialogue which would be dedicated to minimizing negative impacts and contributing to good communications. On behalf of all Board members, our thanks to you and your staff for your input, your support and your enthusiasm in assisting us at arriving at these conclusions.

Sincerely,



Irvin C. Caverly, Jr.
Chairman of the
Mackworth Island Public
Trust Advisory Board
Dated March 1, 1991

ICC:rm

cc: BSP Authority
Jane Thomas
Roy Farnsworth
BSP Admin

INTERDEPARTMENT MEMORANDUM

DATE: 1/18/91

TO: CHRIS DREW, CHIEF RANGER, BSP
FROM: *Buffy* IRVIN C. CAVERLY, JR., DIRECTOR, BSP
SUBJECT: POLICY ISSUES DISCUSSED 1/17/91 STAFF MEETING

=====

As follow-up to our meeting yesterday, there are a number of issues that I need to deal with regarding policy. This memo will deal with those directly related to Robert Howes' memos dated December 9, 1990. At the offset I want to express my appreciation to Bob Howes for his considerations, deliberations and recommendations. As managers, it is reassuring to know that co-workers and support team members are continually thinking about the economics of our operation and offering input.

In reference to vehicle use, although we have not adopted Bob's recommendation specifically as he outlined it, we have agreed to take steps which are economically feasible and minimize impacts on employees operating under a policy that has been under effect for several years now. Those steps include:

- A. Use of regular gas vs. higher grades.
- B. Travel direct routes and avoiding side trips when using Park vehicles.
- C. Minimizing vehicle use outside work and living area, other uses for Park business must be approved in advance.
- D. We have agreed to pool when feasible.
- E. When we know 2 people are going to one destination, the vehicle used for pool will be the least expensive of the two: 2-wheel drive vs. 4-wheel drive, small vs. large. Our vehicle cost sheets can clarify which is most economical if questionable.

BSP, at this point in time, is not considering layoffs and with our combined efforts, we will do everything to avoid layoffs in the future as it is not good for the resources and the Park. If there is a change in the number of our personnel, it needs to be in increasing not decreasing. If at some point in time we are forced to lay off, then we again should re-evaluate vehicle use, and all other related cost factors and consider more drastic steps. If you have any questions, please call me.

Policy regarding Park Ranger decals, this is a subject that I have personally heard hashed over many many times over a sequence of years. As I recall, when it was initially brought up, it was dismissed without a lot of consideration. Some time later it was agreed we would give it a test period and we, in fact, installed a couple on Bob Howes' vehicle. Following a test period, Bob re-

ported to all of us that it had been a positive experience, the Park had benefited and he thought we should put them on other vehicles. At that time we agreed to install them on an optional basis. In Bob's memo of 12/9, he takes the position that we need to make a decision on this issue and either have them on or take them off. He presents his arguments very well in support of the decals and he identifies specific vehicles that work on a daily basis within the Park. On 12/19 I asked you and advised Bob in memo form that his memos on this subject be circulated to pertinent year-round staff and after an appropriate period of consideration, you give me their feedback on the proposal. You accomplished that task on 1/17 and although the concept of Park decals is not a popular one, there were no overriding reasons opposing them. There were 2 good reasons to install them, namely public service and accessibility and recognition and accountability. Therefore, via this memo, I am issuing the following directive and asking you to implement it through your subordinates. That PARK RANGER decals presently in stock be installed on the left and right front fenders of all vehicles excepting Maintenance Supervisor, Forest Manager, Park Naturalist, Chief Ranger and Park Director. These vehicles are generally more frequently used outside the Park than within. To avoid the predicament of installing all at once, I would ask that this be accomplished between now and May 1 as the vehicles come into the shop to be serviced in the sequence that they come in. For example, if vehicle #53 was to come in next week and does not have the decal, it should be installed at that time and should not go back out into the field in order to delay the installment until May 1. The intent is clear, we need to get them on as soon as and efficiently as possible. I would ask that you assign Tim to be the installer of the decals and I would ask Bob Howes to assist him with the first one; in order to ensure consistency, I emphasize the rest be put on in the same manner. The vehicles presently carrying the decals do not need to be changed and will be left in the present location on the vehicle until it leaves the agency. Tim should take an inventory of how many of these decals he has, identify what his needs are going to be and requisition additional numbers needed, assuring that the new order is identical to existing decals so that our consistency and intent is maintained.

Thanks for your cooperation on this matter.

The next 3 proposals discussed were testing of proto type vehicles. This is not feasible and may, in fact, be illegal according to our deeds of gift. Recommendation regarding Abol Campground - from staff feedback that you presented me, the impacts to our resources, the logistics of moving, and the fact that Abol was one of the final campgrounds that Governor Baxter approved, I would reject this proposal. If Bob or you need further clarification on this response, feel free to see me.

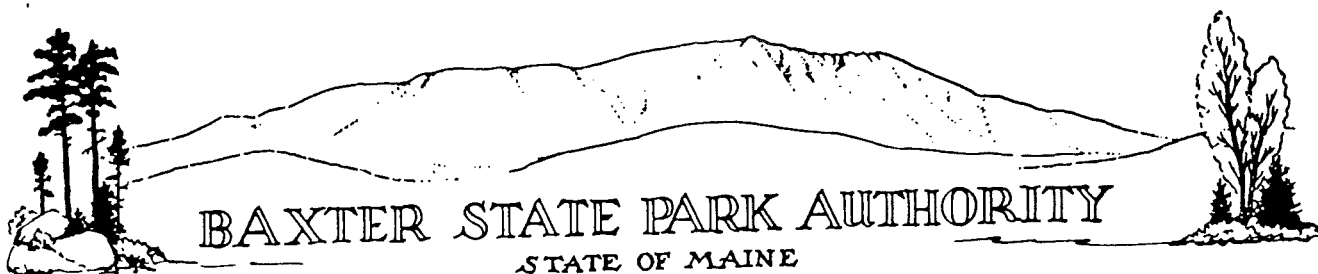
Radios - Based on our discussion yesterday, we will have 2 spare Phoenix radios available in the event of a breakdown, specifically one taken from my vehicle and the one taken from

Jean's if we replace it with a 100 watt unit. Therefore, we agreed not to buy anymore and Bob should advise F&W not to hold those 2 units any longer.

I think this concludes the topics of our discussions on these issues and again, thanks for the feedback from all concerned.

ICC:rm

cc: Robert Howes
Barry MacArthur
Phil McGlauflin
BSP Admin.



AUTHORITY MEMBERS
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DIRECTOR-MAINE FOREST SERVICE

WILLIAM J. VAIL, COMMISSIONER
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MICHAEL E. CARPENTER
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INFORMATION
(207) 723-5140

PARK HEADQUARTERS
ADMINISTRATION 723-9616
IRVIN C. CAVERLY, JR., DIRECTOR

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

March 22, 1991

Stephan M. Bunker, Memorial Committee
Maine Dept. of Public Safety
UCR Division
36 Hospital St.
Augusta, ME 04333-0042

Dear Steve:

In response to yours of March 18, I am including the listing of Ralph Heath's family as given to me by Ralph's sister and husband Frank and Avis Darling of Brewer, ME.

Thanks for keeping us informed and we look forward to May 25.

Best regards,

Irvin C. Caverly, Jr.
Director
Baxter State Park

ICC:rm

Encl.

cc: BSP Authority
Jane Thomas
Roy Farnsworth
BSP Admin.



~ TO PRESERVE AND PROTECT ~

LIST OF RALPH HEATH'S BROTHERS AND SISTERS/WIVES AND HUSBANDS

Frank & Avis Darling
Rt 1, Box 33
Brewer, ME 04412

Leonard & Faustina Heath
Box 15
Sherman Mills, ME 04476

Jesse & Irma Heath
Gallison Rd.
Sherman Mills, ME 04476

Ivory & Janice Heath
7 Palm St.
East Millinocket, ME 04430

Rev. Melvin & Myrtle Jones
RR3 Granville Ferry
Nova Scotia, Canada BOS IKO

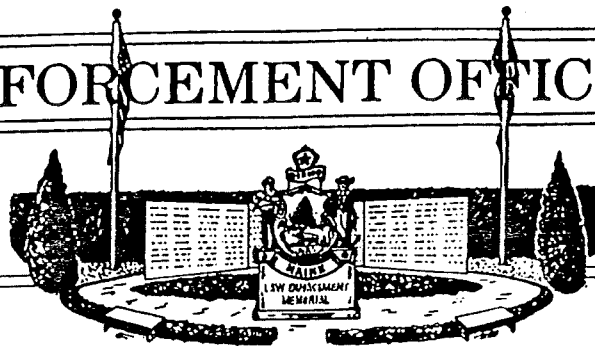
Paul & Donna Heath
950 Riverside Drive
Augusta, ME 04330

Wilmont and Velma Heath
Pine Grove Terrace, Apt. 23
Smyrna Mills, ME 04780

MAINE LAW ENFORCEMENT OFFICERS MEMORIAL

93 Silver Street
Waterville, Maine 04901

(207) 873-0455

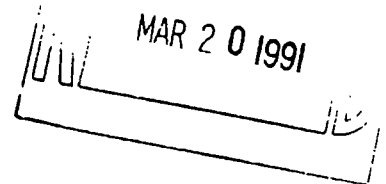


March 18, 1991

TO: Irvin C. Caverly, Jr., Director

FROM: Stephan M. Bunker, Memorial Committee

SUBJECT: Surviving Family Members



The Maine Chiefs Association's Law Enforcement Memorial Committee is hard at work to finalize the plans for our memorial day dedication.

We are anticipating a very dignified and fitting tribute to those officers who have died in the line of duty as memorialized on the soon to be completed stonework and sculpture.

In addition to the participation of police officers from all departments throughout the state, the committee is intent upon identifying and inviting surviving family members of these fallen officers.

We intend to send special memorial invitations to these survivors who we will receive as our honored guests on May 25th at the memorial site.

As the committee member responsible for compiling a list of survivors to be invited, I must call on your assistance as a department who has suffered the loss of one or more officers.

Please put your best effort into a diligent search for family members who we might invite and allow the law enforcement community to honor and recognize their loss.

Specifically I need you to provide me with the following information by April 15th:

Survivor's complete name
Fallen officer's name
Survivor/Officer relationship
Complete mailing address
Street/Box, City, State, Zip
Daytime telephone number (including area code)

We are obviously looking for immediate family (spouses and children, parents, and brothers/sisters) of the fallen officers. For those officers who died many years ago, there may be only grandchildren or other more distant relations remaining.

Please use your best judgement to locate and report to me all that you can reasonably identify.

Thank you in advance and please call my office if there are any questions.

Reply to: Maine Department of Public Safety
UCR Division
36 Hospital Street
Augusta, Maine 04333-0042
or FAX: 621-1288



AUTHORITY MEMBERS

JAMES E. TIERNEY, CHAIRMAN
ATTORNEY GENERAL

WILLIAM J. WAIL, COMMISSIONER
INLAND FISHERIES AND WILDLIFE

JOHN H. CASHWELL, DIRECTOR
MAINE FOREST SERVICE

INFORMATION

(207) 723-5140

BUSINESS OFFICE
(207) 723-9616

PARK HEADQUARTERS

IRVIN C. CAVERLY, JR., DIRECTOR

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

April 26, 1990

Stephan M. Bunker, Member
L.E. Memorial Committee
Maine Dept. of Public Safety
Uniform Crime Reporting Division
36 Hospital Street
Augusta, ME 04333-0042

Dear Mr. Bunker:

Thank you for your letter of April 19, 1990 regarding the Law Enforcement Officers' Memorial Project. I am delighted for the opportunity to submit Ranger Heath's name for consideration to be added to the memorial. Ranger Heath was not only a close co-worker but a good personal friend who I had the privilege to work with 3 years prior to his death. Each of us began working for BSP in the spring of 1960.

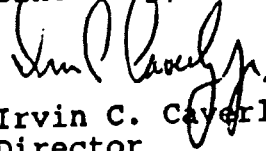
Find attached the completed application along with a BSP Ranger badge. Because of your need for this material prior to May 4 and this late date of April 26, I did not have time to get the photos developed.

Over the years many people who were close to Ranger Heath and respected him have offered donations to the Park in his memory. However, the Baxter Park Authority in compliance with former Governor Baxter's wishes has established a very clear policy that we could not accept donations for memorial purposes, consequently there has been no memorial.

To: Stephan M. Bunker
April 26, 1990
Page 2

Thank you for the invitation to be involved in this program.

Sincerely,

A handwritten signature in dark ink, appearing to read "Irvin C. Caverly, Jr.", written over the typed name.

Irvin C. Caverly, Jr.
Director
Baxter State Park

ICC:rm

**APPLICATION FOR INCLUSION
MAINE LAW ENFORCEMENT OFFICERS MEMORIAL
MAINE CHIEFS OF POLICE ASSOCIATION**

Officer's Name Ralph W. Heath DOB/Age 7/23/26 / 37
First MI Last

Dept. Served Baxter State Park Location of Incident Mt. Katahdin

Date of Death October 29, 1963 Date of Incident (if diff.) _____

Incident/Circumstances (circle one) Homicide / Accident / Medical / Other

Brief description of incident. (Include information concerning officer's duty status at the time of incident, actions taken or attempted leading to incident, type of injury/mechanism of death.)

Ranger Heath gave his life in an attempt to serve another human being in distress during severe weather conditions at high altitudes on Mt. Katahdin on October 29, 1963.

See attached Board of Inquiry Report.

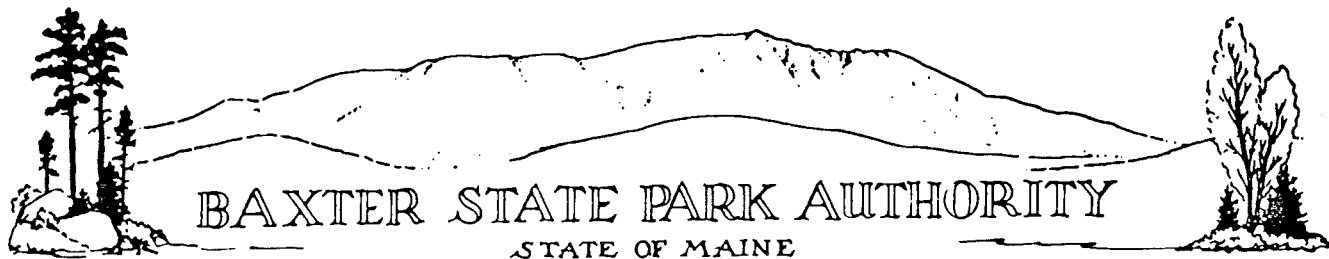
Supporting documentation attached (circle) Death Certificate / News Clippings / Official Investigative Reports / Written statements or affidavits / Other Documents / **B&W Badge Photo**

Check () After a diligent search of department records, local newspapers, library archives and town/county records, I find that my department has had no officers killed in the line of duty.

Submitted by Irvin C. Caverly, Jr. Director **IRVIN C. CAVERLY, JR.** 4/21/81
Name, Title **DIRECTOR, BAXTER STATE PARK**
64 BALSAM DRIVE
Department/Agency Baxter State Park **MILLINOCKET, ME 04462**

Committee Review Date _____ Approved / Disapproved





AUTHORITY MEMBERS

JAMES E. TIERNEY, CHAIRMAN
ATTORNEY GENERAL

WILLIAM J. VAIL, COMMISSIONER
INLAND FISHERIES AND WILDLIFE

JOHN H. CASHWELL, DIRECTOR
MAINE FOREST SERVICE

INFORMATION

(207) 723-5140

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PARK HEADQUARTERS

IRVIN C. CAVERLY, JR., DIRECTOR

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

April 27, 1990

Clarence LeBell
16 Alden Road
Peabody, MA 01960

Dear Clarence:

I thought you might be interested in the attached information regarding a memorial to law enforcement officers who have fallen in the line of duty. As you will note from this packet, I have filed an application to include Ralph Heath's name.

If you know of anybody who you would like to share this information with, feel free to distribute. As always, thank you for your interest in BSP.

Regards,

Irvin C. Caverly, Jr.
Director
Baxter State Park

ICC:rm
Encl.

MAINE



Charles H. Jackson
Executive Director
93 Silver Street
Waterville, Maine 04901
(207) 873-0455

Director Irvin C. Caverly, Jr.
Chief Ranger Chris Drew
Baxter State Park Authority
64 Balsam Drive
Millinocket, Maine 04462

Ronald L. Whary, Winslow
Craig B. Hall, Sr., Falmouth
Darrell Malone, Houlton
Michael J. Reidy, Wiscasset
Rodney E. Myrick, Hallowell
Robert M. Schwartz, So. Portland
Anne P. Schaad, Maine State Police
Alan G. Reynolds, Univ. of Maine

President
1st Vice President
2nd Vice President
Sergeant at Arms
Secretary
Treasurer
Parliamentarian
Past President

Chiefs of Police Association

April 19, 1990

Dear Mr. Caverly & Chief Drew:

I am writing to you on behalf of the Maine Chiefs of Police Association Law Enforcement Officers' Memorial Project, of which I am sure you have heard. As a member of the Memorial Committee, I have taken on the challenge of identifying all law enforcement officers who have lost their lives in the line of duty and whose names will be placed on the memorial.

Due to an oversight by the committee, we have not previously included your agency in our correspondence on the progress of the memorial, for which I apologize.

The committee's guidelines for selecting fallen officers for the memorial certainly include the members of your Park Ranger staff as fitting the definition of "Law Enforcement Officer" and will be part of any further considerations.

I have enclosed various newspaper clippings concerning the memorial planning and fund raising efforts along with a copy of the committee's definitions and terms concerning eligibility.

Recently, I received two pages from an unidentified book (enclosed) which references the loss of Park Ranger Ralph Heath in 1963. From the brief description of the incident I feel that Ranger Heath's death fits the guidelines for inclusion on the memorial.

Would you please complete the enclosed application, attach any supporting documents that would better describe the incident and return it to my office. I will ensure that it receives due consideration.

Thanks for your cooperation and if there are further questions, please feel free to call me (289-2025) or Committee Chairman, Chief Darrell Malone of Houlton Police Dept. (532-2287).

Respectfully,

Steph M. Bunker
Stephan M. Bunker, Member
L. E. Memorial Committee

cc: Chief Malone

APR 21 1990

I MOUNT KATAHDIN TRAGEDIES

Fortunately few explorers of the Katahdin area have suffered fatal accidents. Indeed, looking at photographs of the Knife Edge; of forbidding, steep slopes down Mt. Katahdin itself; dizzying views from it and surrounding peaks of the chasms below, one is astonished that there have not been many more serious or fatal accidents. The fact that so few have occurred is a tribute to the park rangers and their supervisors through the years.

One of the major and most publicized accidents was the death, during the week of October 28, 1963, of one of two women on a Mt. Katahdin excursion. It led to that of Baxter Park Ranger Ralph Heath, who tried to rescue her. The deaths were the first recreation connected fatalities since the creation of the Park in 1931.

Because the Authority believed that a careful review of the accident could teach many lessons toward prevention of similar occurrences, Governor John H. Reed authorized hearings on November 12, 1963, at Old Town, Maine, to be conducted jointly by the BSPA and the Maine Department of Inland Fisheries and Game.

At the meeting, Supervisor Helon Taylor was called upon to report on the weather during the week of October 28. Though it began with a warm, sunny day, Hurricane Ginny must have already been marshalling forces, for by that Monday evening a stormy wind was blowing and by Tuesday a blizzard was in progress. Sixteen inches of snow accumulated that day; increasing wind, snow, rain and sleet followed through the entire week.

Mrs. Margaret Ivusic and Mrs. Helen Mower had had uneven climbing experience: to Mrs. Ivusic mountain climbing had become a hobby which she had been pursuing ardently for two or three years, while Mrs. Mower had been climbing mountains from childhood on. However, this was her first time on Mount Katahdin. The two women, after brief conversations with rangers Rodney Sargent and Ralph Heath at the Chimney Pond campground where they had spent the previous night, started out at about 8 A.M. Monday morning and used the Cathedral Trail for a leisurely climb to Baxter Peak, where they arrived around 1:30 and stopped for lunch and picture taking and a rather long rest. The two rangers, meanwhile, were clearing the Helon Taylor Trail that day.

The women decided to walk out onto the Knife Edge and determine whether to use the Dudley Trail to go back to camp or retrace their steps and return by way of the Cathedral and Saddle trails. Mrs. Ivusic went on ahead of her companion and in ten or fifteen minutes called out from somewhere to the left and below the Knife Edge that she had found a perfect shortcut.

Helen Mower was afraid to leave the marked trail despite her experience as a climber (or perhaps because of it). The women were within easy hearing distance of each other but could not see each other. They argued which way to go for some time. In her enthusiasm Mrs. Ivusic was determined to try her way, and since they apparently could keep in voice contact, they decided to go their separate ways. Mrs. Mower continued down the Knife Edge trail to the top of The Chimney (which is a technical climbing route), where she found a sign cautioning against any but experienced climbers equipped with ropes to take that route down. She had lost contact with Mrs. Ivusic but at that point reestablished it, only to learn that her friend was trapped on the wall and could move neither up nor down. Mrs. Mower shouted that she was taking the Dudley Trail down and going for help.

When she arrived at the campground it was dark and no one was around; but by walking to the edge of Chimney Pond in front of the camp she could shout and still be heard by Mrs. Ivusic. She built a fire in front of the leanto to which they had been assigned the night before and alternated between keeping that up and going to the edge of the pond to talk to Mrs. Ivusic.

Ranger Heath arrived alone about an hour later and on being told what had happened talked with Mrs. Ivusic and established the fact that she was uninjured. He urged her to stay exactly where she was and promised to rescue her at daybreak. He reported the matter to Supervisor Helon Taylor and then he and Mrs. Mower had supper.

According to Mrs. Mower's report at the hearing, Ranger Heath appeared to be exhausted after his long day's work, and she urged him to get some rest before attempting to rescue Mrs. Ivusic, who seemed to be in no immediate danger. But around eleven a sharp weather change had taken place and the wind was so strong that Heath decided to start out immediately. He packed Mrs. Ivusic's rucksack with extra food and clothing and took a piton and 80 feet of rope and started out just after eleven. He came back approximately five hours later and reported to the anxious Mrs. Mower that he had not actually been able to reach Mrs. Ivusic for lack of sufficient rope, but had talked with her again and believed he had convinced her to wait where she was until he could get more help. As far as he could make out, she was near the main waterfall west of The Chimney. He planned to go back and attempt a rescue from below the falls.

Heath had breakfast, then called Supervisor Taylor for aid and left

again at 6:10 A.M. By then a message had come through that Ranger Sargent was on the way to help.

No one knows what happened: whether Ranger Heath lost his footing in the mounting snow and fell to his death before reaching the stranded woman, or both were lost in his rescue attempt. Many members of experienced mountain search teams that volunteered their help believed that neither the ranger nor Mrs. Ivusic could have survived Tuesday's hurricane winds and icy blizzard.

A team of wardens from the Maine Department of Inland Fisheries and Game, which by a Maine statute is designated as the responsible agency in the search for anyone established as missing in the woods or mountains of Maine, organized the search, which continued for a week during the most adverse of conditions. Besides students of the University of Maine, Orono, a team of instructors from Norwich College, Vermont, and Vermont State Troopers were flown in by a National Guard plane. Two Massachusetts men experienced in mountain search and rescue were called upon for assistance and were also flown to Maine. It was impossible to use an airplane at any time to help at the scene, but during what seemed a break in the violence of the storm on Thursday, a helicopter was sent out from Dow Air Force Base. It was forced back by the turbulence and high winds.

The search was finally given up on November 4th.

Review of the double tragedy did serve to point up the lack of a detailed search and rescue plan and resulted in some changes in park administration. The season for camping on and climbing any mountain in the Park above treeline was shortened; no one without a permit plus proof as to competency is now allowed to engage in any of the above activities between October 16 and May 14. Baxter Park had its own rescue team from 1909 to 1977, made up of six rangers, highly trained in rescue methods and technical climbing. Now rangers are trained in rescue and first aid techniques; and teams of highly trained volunteers coordinated by park personnel are always available in case of emergency. Medical evacuation by helicopter is also available through the National Guard. Gatehouses have been established at entrances to the Park by means of which control of the use of the Park, as well as awareness of who and where visitors are in the Park, can be maintained.

The Authority tries to keep a balance between restrictions aimed at safe usage of the Park and the freedom that Governor Baxter desired for nature lovers who visit the area and glory in its unique and blessed wilderness.

MAINE

Charles H. Jackson
Executive Director
93 Silver Street
Waterville, Maine 04901
(207) 873-0455



Craig B. Hall, Sr., Falmouth
Darrell Malone, Houlton,
Michael J. Reidy, Wiscasset,
Rodney E. Myrick, Hallowell
Robert M. Schwartz, So. Portland
Joel R. Abbott, Oakland
Anne P. Schaad, Maine State Police
Ronald L. Whary, Winslow

President
1st Vice President
2nd Vice President
Secretary
Sergeant at Arms
Treasurer
Parliamentarian
Past President

Chiefs of Police Association

April 19, 1990

Dear Chiefs, Sheriffs, Bureau Directors:

As of April 9th, the fundraising campaign for the Law Enforcement Memorial project hit \$104,000 with several events planned by departments for later this spring. The goal is \$130,000 so keep up the good work. My thanks to those departments and officers who have done so well thusfar!

Enclosed is the official application for inclusion of officers on the memorial itself. The memorial committee needs to have a written application from the department of any fallen officer officially requesting such consideration. It is important to verify the correct spelling of the officer's name and correct date of death. When approved, whatever information is on the signed application is exactly what will be inscribed on the memorial, so be sure.

Sadly, many departments have failed to respond to my earlier plea for accurate and complete documentation of the incident/circumstances surrounding the death. Other cases lack critical dates, complete names, locations, etc.

It must be understood that the committee cannot review and decide upon an officer's inclusion on the memorial until the case details are documented. Please do not diminish these officers' sacrifices by failing to provide this vital information. If you need assistance in researching incomplete data, call me. I have gained some investigative skills on this project that I will gladly share (289-2025).

For those departments that have sent some documentation, I have taken the liberty of drafting an application for your review. Please correct any errors, complete any omissions, attach the necessary documentation and return it to me.

If you are satisfied that your department has had no officers killed in the line of duty, simply check off () the statement at the bottom of the application, sign and return it.

I have received information on two more officers just this week (killed in 1938 and 1951) so don't be too quick to sign off without a little researching.

(continued on reverse)

BSP PARK DIRECTOR CORRESPONDENCE

1/90

*THANKS MEMO FROM BUZZ TO JEAN HOWES, JEAN HOEKWATER,
JAN, JUDY, ROXIE, AMY, BRENDAN, JOAN
*JEAN FROM BUZZ RE RESERVATION/CONFIRMATION 1/4/90
*RICK BRAY RE AUTHORITY/ADVISORY MEETING ON 1/9
*ROSEMARY 1/3/90 RE CAP ISSUED FROM SUPPLY
*TO FILE: RE OPENING DAY 1/2/90
*BSP ADMIN STAFF 1/5/90 RE STAFF MEETING
*BUZZ'S O'CONNOR GMC SURVEY FORM
*BUZZ MEMO TO BETH 12/11/89 RE GOVERNOR'S EX. ORDER
*1/8/90 MICHAEL KELSEY INFORMATIONAL
*1/10/90 LES BLOOM RE PROPOSED POLICY FOR USE OF STATE
VEHICLE
*1/10/90 CHRIS DREW RE TOGUE POND FORESTRY CAMP
*1/10/90 JIM GARLAND RE KPC
*1/10/90 JOHN CASHWELL RE ISSUE CLARIFIED AND CONFIRMA-
TION OF RESERVATIONS
*1/11 RANDY GATHMAN SOUTH BRANCH POND RESERVATIONS
*1/17 VESTA OSGOOD RE RESIGNATION
*1/17 TOM MALONE RE MAPS AND HISTORY OF BSP
*1/10 BILL CROSS RE ACKNOWLEDGEMENT OF 1/5/ LETTER
*1/17 BETH RE PARK RECEPTIONIST POSITION
*1/17 BILL CROSS RE MATERIAL SENT
*1/19 JENSEN BISSELL RE THANKS
*1/17 BETH RE VESTA OSGOODS RESIGNATION AND JEAN'S
PROPOSAL
*1/19 RODNEY SARGEANT RE DEATH OF FATHER
*1/18 ROY O'HARA RE GLAD HE IS STAYING
*1/24 RUTH BUTTLER RE SUPPORT OF CARIBOU DECISION
*1/24 MARTIN HAYDEN RE ADVISORY AD HOC MEMBER
*1/24 JOHN BIBBER (SAME)
*1/31 HERB ADAMS RE MACKWORTH AND LD1608
*1/31 PAT MCGOWAN RE THANKS FOR OPPORTUNITY TO OVERVIEW
POSITION ON CARIBOU PROJECT
**1/31 STEPHEN OLIVERI RE SCI. REVIEW COMMITTEE
*1/23 CHRIS RE RELOCATION OF TOGUE POND PARK RANGER
LIVING QUARTERS
BUZZ FROM DAN CORCORAN (GNP) RE: DOLBY LANDFILL

*DIRECTOR
**NATURALIST
***CHIEF RANGER

2/90

*2/2 MILLS BAKER RE PHOTOGRAPHS OF BSP
*2/2 PAUL JACQUES RE THANKS
*2/2 CHIP AHRENS RE AD HOC ADVISORY MEMBERSHIP
*2/5 JEAN HOEKWATER RE OVERTIME/RESERVATION OFFICE
*2/5 ADMIN STAFF RE KIM KOLMAN SCHOLARSHIP FUND
*2/5 CATH GENTHNER RE DAICEY POND RESERVATIONS
*2/2 TO FILE: DAN STRATHERS OF GRANITE FILM GROUP RE
FENDLER REPORT
*2/2 PHYLLIS AUSTIN RE MINUTES
*2/14 BSP STAFF RE REMINDER (TRACKING IN MUD)
*2/8 BOB HOWES RE WEST GATE, ASSIST RANGER FOR ABOL,
RELOCATION OF PARK RANGER LIVING QUARTERS TOGUE
*2/13 CHRIS RE HIS MEMO TO BOB HOWES (2/8/90)
*2/12 BETH RE RICK TURMEL'S REQUEST (WEST GATE)
*2/13 GEORGE BARKER RE HIS 2/5/ MEMO COMPUTER TRAINING
*2/14 CHRIS, JAN RE JOHN CASHWELL RESERVATIONS
*2/15 PAUL STERN RE RESERVATIONS FOR PENOBSCOT INDIANS
**2/15 BUZZ FROM JEAN RE REQUISITION OF PLASTIC LITTER
BAGS
*2/13 BETH RE BUDGET REQUEST 1990 WORK PROGRAM 1991/93
BIENNIAL
*2/15 BETH RE RESPONSE TO YOURS OF THIS DATE AUDIT RE-
PORT RECOMMENDATIONS
*2/16 JOHN CASHWELL RE RESERVATIONS
*2/16 MAURICE DESHAIES RE GNP LEASEHOLDERS MEMBERSHIP
*2/16 MICHAEL PEARSON RE GARRY, GOV. B'S DOG
**2/20 BETH RE SECOND WATS LINE
*2/21 ALBERT WHITE RE WOODEN MOOSE
*2/21 ADMIN. USE OF STATE EQUIPMENT
*2/21 JEAN RE GEOLOGICAL SOCIETY OF MAINE FIELD TRIPS
*2/23 BSP STAFF RE PURCHASES UNDER \$10
*2/23 DAVID GRIFFIN RE MARCH MTG. AGENDA
*2/28 PAUL LABBE RE INFO ON JACKSON HOLE MOUNTAIN
*2/28 LESTER KENWAY RE DEATH OF BROTHER
**2/27 LESTER KENWAY RE PHOTOGRAPHIC SURVEY OF SELECTED
PARK TRAILS

3/90

*3/6 DEWAYNE LONG RE ASSKST INJURED SKIER
*3/6 STEVE DAY (SAME)
*3/6 ALICE CRABTREE (SAME)
*3/6 ALFRED COOPER SR. & JR. (SAME)
**3/6 LINDA AND LATONA FROM JEAN RE KERIVAN
*3/9 CHRIS RE WILDLIFE PROTECTION
*3/12 JENSEN RE SFMA VISIT
*3/13 COHEN RE EXPERIMENTAL FOREST U OF M
*3/12 BSP/DOT MEETING MINUTES
*3/12 RON AHLQUIST RE PAYRANGES
*3/12 BETH RE AIR CONDITIONING
*3/14 ADAMS RE HIS OF 3/12
*3/14 BSP ADMIN STAFF RE DRAFT RECLASSIFICATION PROPOSAL
*3/16 RHONDA HANNINGTON RE BSP INFO AND AN. REPORT
*3/15 JOHN BIBBER RE RESERVATIONS CHIMNEY POND
*3/15 JANET POTTER RE RESIGNATION
*3/15 DAVE PATTERSON (SAME)
*3/15 CHRIS, BARRY, BOB, JENSEN, JEAN RE FIELD TRIP
*3/19 MEADERS RE PAINTING SIGN
*3/20 ADMIN STAFF RE NEWSLETTER MAILING LIST
*3/22 MEL ALLEN
*3/23 MARK MCCOLLOUGH RE SENDING T-SHIRTS AND BOOKS BACK
*3/26 JENSEN RE TRAINING IN NEW BRUNSWICK
*3/19 TOWN MANAGERS, CLERKS, ETC., RE SOLID WASTE
*3/27 JON LUND RESERVATIONS
*3/22 BSP EMPLOYEES RE BUDGET OVERVIEW
*3/27 BSP FINANCE COMM. RE LESTER KENWAY LETTER RE SCA
*3/27 ADMIN STAFF RE MATERIAL FROM SMALL AGENCIES MEETING
**3/27 JACK STIRLING RE WILDLIFE PHOTOGRAPHY
*3/28 DAN EMORY RE SFMA MANAGEMENT PLAN
*3/28 ADMIN STAFF RE LOST AND FOUND
*3/28 BETH RE FILES PARK HEADQUARTERS
*3/28 CHRIS, JEAN RE TENTATIVE TRAINING SESSION

4/90

*4/5 DRAKE RE 1989 ANNUAL REPORT
*4/5 FREEMAN WOOD RE RECEPTIONIST POSITION
**4/5 JANET MCMAHON RE ECOLOGICAL RESERVES STUDY
*4/5 CHRIS, JEAN, JENSEN, ROXIE FOLLOW-UP SOLID WASTE
*4/5 PAUL STERN RE KPC CONTRACT
*4/5 ROBERT FRANK SENDING COPIES OF LETTERS FROM REPS
CONGRESS AND SENATE
*4/5 JAMES BROWN CONFIRMATION ROARING BROOK 8/8/
*4/5 DEBRA GUERRETTE LEAVE OF ABSENCE
WILDLIFE TRAINING SESSION - 4/26
*4/11 HANK TYLER - ACADIA MEETING MAY 24
*4/11 GARY STILLMAN RESIGNATION
*4/11 CALVIN HAFFORD MFS MTG. MAY 8 2:00
*4/11 JOHN CASHWELL - WALTER JARCK OF GEORGIA PACIFIC
*4/11 SUE LEITER - RETURN OF BOOK
*4/11 MARGARET DRAKE - BSP MANAGEMENT PLAN
*4/11 REID ARMSTRONG CONFIRMATION RESERVATIONS
*4/11 JEAN HOEKWATER, BOB HOWES APPLICATION LURC
*4/11 ROBERT HOWES SNOWMOBILE TESTING
*RICHARD FOOTE - AUDIT REPORT
*RICHARD FOOTE - JEAN'S RESERVATION LETTER
JEAN HOEKWATER RESERVATIONS
*4/11 BSP ADMIN/DIVISION HEADS EXECUTIVE ORDER 4/1/89
** BUZZ FROM JEAN RESERVATION TRANSFERS
*MIKE MICHAUD - MACKWORTH ISLAND (BUSH, SIMMONS)
*4/12 AUTHORITY - MAIL SEPARATION
*AUTHORITY - RECLASSIFICATION REQUESTS
*4/12 AYOOB - FUEL CONTRACT
**PRVU - MAY 1 MEETING 204 NUTTING 1-3
**4/12 MELISSA MANNEY - INFORMATION/NATURALIST
*4/17 GEORGE SMITH - CHIMNEY POND RESERVATIONS 5/18-19
***4/18 CHRIS TO BUZZ RE: GATEKEEPERS LOCATIONS AND
SELECTION
(APRIL FILE)
*4/18 KAREN MOTT - RECEPTIONIST
*4/18 BASTY - DRAFT DEFINITION
*4/18 RUSS RYTLEWSKI - RESIGNATION
**4/19 DAVID DICENTES FROM JEAN RE INFORMATION
**4/19 HEATHER UNDERREINER/JEAN RE INFORMATION
*4/23 AUTH RE PROPOSED GP ROAD SYSTEM
**4/23 LES MYERS/JEAN HOEKWATER RE SLIDE SHOW TAPE
*4/23 RICK TURMEL/SCOTT THEIS RE TRANSFER WEST GATE
*4/24 AUTHORITY FROM BUZZ RE MEETING WITH F&F ON WEST
GATE
*4/25 AGENDA FOR YEAR-ROUND SPRING ORIENTATION
*4/25 KATHLEEN FRIES RE MAY 2 MEETING
*4/25 ERIC BAXTER RE LUNCH PRIOR TO MEETING
*4/25 HERB ADAMS (SAME)
*4/26 ADMIN RE CHANGE OF SPRING TRAINING AGENDA
*4/26 STEVE DAY RETURNING TAPES
*4/26 BOB HOWES RE TRAINING
*4/26 WILL KRENNERICK RE APPLICATION FOR WORK
*4/26 BUNKER RE HEATH MEMORIAL FUND
*4/26 CHRIS RE SIGNS
*4/27 VERN HAINES RE WEST GATE

*4/26 JEAN RE PEREGRINE FALCON EQUIPMENT
*4/26 GORDON RANDALL/INFORMATION
*4/26 STAFF WITH COPY OF LETTER TO VERN RE WEST GATE
*4/26 PAUL STERN RE MEETING WITH FIN & FEATHER CLUB
ON WEST GATE
**4/26 PAM JONES FROM JEAN RE L.L. BEAN TALK
*4/27 WEST GATE POLICY
*4/26 PAUL STERN RE FINES FOR PARK VIOLATIONS
*4/27 PARK NATURALIST FILE TO JULIE ARMSTRONG
*4/27 CLARENCE LEBELL RE HEATH MEMORIAL FUND
*4/27 JULIE ARMSTRONG SENDING NATURALIST MATERIAL TO
BUREAU OF EMPLOYEE RELATIONS

5/90

5/4

*BSP ADVISORY RE ADVISORY APPOINTMENTS AND ROY'S
REVISIONS OF BYLAWS

*FRIES/BUSH RE TOM MORRISON OBSERVATIONS

*RICHARD FOOTE RE LAND VALUES

*BSP AUTHORITY RE ADVISORY APPOINTMENTS

*BSP ADMIN STAFF RE NEXT MEETING

*ANASTASIA BREEN RE RESERVATIONS RB

*LESTER RE WEST GATE SIGN

*TOM MORRISON RE MACKWORTH

*AUTHORITY RE AUSTIN CAREY LOT

*TO FILE RE JOE CUSHMAN SICK LEAVE AND NOTICE OF
SHORTENED SEASON

*AUTHORITY/ADVISORY RE THURS. & FRI. AUTH. MTG.
RESERVATION LIST

AUTHORITY RE SFMA FLIGHT

5/8

*BRUCE WHITE TRANSFER TO ABOL .

*MAC BROWNING TRANSFER TO KATAHDIN STREAM

*JOHN HORTON RE CR1 POSITION KATAHDIN STREAM

*FARNSWORTH RE ADVISORY BYLAWS REVISIONS

*FRANK CLUKEY-THANKS FOR SUGGESTIONS

*MEMO TO AUTHORITY RE AD HOC MEMBERS

*AGENDA FOR STAFF MTG

*JEAN'S REPORT RE TRIP TO AUGUSTA RE COMPUTERIZA-
TION

**JEAN TO CHRIS, BOB, JAN, DP AND CP RE JANE
THOMAS SPEAKING

5/9

*FILE RE ARBITRATION/CALL/MEMO FROM LES BLOOM

*LETTER TO ANNE ERICKSON RE PHOTO GOV. BAXTER

*MEMO TO ADMIN RE MAY 8 KAT. TIMES ARTICLES

*GLENDA MITCHELL TELECOMMUNICATIONS RE PHONE
SYSTEM

*MAY STAFF MEETING

*REP. MIKE PEARSON DATES IN PARK

5/15

*HANK TYLER/JEAN RE FIELD TRIPS

**JEAN'S WORK SCHEDULE

**JEAN TO RESERVATIONS OFFICE-WELCOME

5/17

*TO ADMIN STAFF RE MEMO FROM BUDGET RE REQUEST
TO LEGISLATURE TO ALLOCATE FUNDS

*TO ADMIN STAFF RE ATTENDANCE AT DIV. MTGS AS
DUPLICATE TO ADMIN. MTGS.

*RUTH BUTTLER

*ERIC BAXTER RE HOLLIS TEDFORD 5/15/90 MEMO

*ADMIN STAFF RE THANKS RE MAY 11 AUTH MTG

*JUDY HAFFORD SAME

*HELEN CULLENS SAME

*HOMER KING THANKS RE BUILDING AND GROUNDS

*TEDFORD RE REPORT RE MACKWORTH ISLAND

*HERB ADAMS RE LD 2221

*FRANK CLUKEY THANKS FOR COOKING AT MTG.

*RICHARD FOOTE RE LETTERS FOR AUDITORS

*ROXIE THANKS

*JIM TIERNEY RE PASS

***CHRIS TO BOB/BUZZ RE VEHICLE PURCHASES

*ED DEGENHARDT RE MCDONALDS TRASH

*JEAN HOEKWATER RE CARRY-IN POSTERS FOR KP
 *SENATOR MIKE PEARSON RE RESERVATIONS
 *BETH AUSTIN RE VACATION
 *CHRIS RE LAW ENFORCEMENT (SIREN)
 5/18 *CHRIS TO BOB/BUZZ RE VEHICLE REPLACEMENT POLICY
 *BETH/ROSEMARY RE BID LISTS FOR SOLID WASTE
 *JOHN LOYD RE HARPSWELL LOT (AUSTIN CAREY)
 *BSP ADV. RE BYLAWS WORKSHOP JUNE 8 U OF M
 *BSP EMPLOYEES RE BIENNIAL BUDGET
 *DRAFT RE AUSTIN CAREY LOT MEET WITH PUBLIC NEW
 RELEASE
 *CHRIS/JEAN RE ART HALLOWELL
 *BETH RE ORDERING FIRE RUNG LADDER
 5/22 ***CHRIS TO BUZZ RE VOLUNTEER USAGE OF PARK
 FACIITIES
 ***GEORGE GRAFTON RE SAME
 5/23 *MEMO TO FILE, BUZZ, CHRIS RE WEST GATE CALL FROM
 FRANK CLUKEY RE LOCKED GATE FROM BOB HOWES
 ***TO FILE, BUZZ, CHRIS FROM BOB HOWES RE CONVERSA-
 TION WITH CHARLIE NODDIN
 *NOTICE OF DIRECTOR'S COMMUNICATIONS MEETING
 **BUZZ FROM JEAN RE REMOVAL OF PEREGRINE FALCON
 EQUIPMENT FROM HORSE MOUNTAIN
 *SUE BELL FROM BUZZ RE COMM. MEETING
 5/25 *CALVIN HAFFORD, WIGHT, MILLIGAN RE JUNE MEETING
 MFS-BSP
 *BRADLEY PAYNE RE WEST GATE
 *JEAN RE VEHICLE 55
 *DR. JOHN MARZLUFF RE RAVEN REPORT
 *JEAN/ADMIN RE MARZLUFF " "
 *JOE MATTSON RE INSPECTION SEBOOMOOK
 *TIERNEY RE SUE'S NES. RESERVATION
 *HANK TYLER RE THANKS FOR ACADIA MEETING
 *JEAN RE OVERSIZED BUS
 *RICHARD FOOTE RE RESPONSE TO PENOBSCOT REGISTRY
 5/29 *BETH FROM BUZZ RE EVALUATION
 *BETH RE BUDGET TRACKING SCHEDULE/ROSEMARY
 *BETH RE WORK SCHEDULE
 *BSP EMPLOYEES RE DISCOUNTS
 5/30 ***BOB HOWES FROM CHRIS RE NES. CAMPGROUND/CUSHMAN
 ***BOB HOWES FROM CHRIS RE CLEANING OF SAME
 *JOHN CASHWELL FROM BUZZ RE HARVESTER DEMONSTRA.
 5/29 *FILES FROM BUZZ RE BETH CHECKING IN AND OUT
 5/30 *RICK BRAY FROM BUZZ RE 7/10 AUTH MTG. TO DIS-
 CUSS DONATION

6/5

*MR. & MRS. JOHN BLY FROM BUZZ THANKING THEM FOR
DONATION (\$50) BUT WE CAN'T ACCEPT
*MEMO TO BIDDERS WITH EAGLE TRADE-INS REQUESTING
2 SECOND HAND VEHICLES
*MEMO TO AUTHORITY/KAT. TIMES PICTURES
*ARVID LASKEY OF MOOSE RIVER CONSTRUCTION FROM
BUZZ RE JUNE 8-11 CONSTRUCTION CAMP PHOENIX
*6/5 MEMO JEAN, CHRIS, JENSEN, BETH RE HEARING
*6/5 DIRECTOR'S COMM. COM. RE THURS. EVENING MEETING
*6/7 ERIC BRUNER, UMPI RE VOLUNTEER GROUP (RUSSELL)
*6/7 COUNTRY WAY RE VOLUNTEER (RUSSELL)
*6/8 MEMO TO CHRIS RE JEAN'S GROUP DAY USE FORM
**6/11 CHRIS FROM JEAN RE NES. CAMPGROUND CHECK FOR
EROSION
*6/12 MEMO TO CHRIS, DARRELL, VERN, JIM, FRANK AND
BARBARA WATERS RE NEW WEST GATE POLICY
*6/12 JENSEN FROM BUZZ - THANKS
*6/12 BETH FROM BUZZ - "
*6/12 CHRIS FROM BUZZ - "
*6/12 JEAN " " "
*6/12 ROXIE " " "
*6/12 CHRIS FROM BUZZ RE: RADIO, UNIT 10
*6/12 DAYLE ROLLINS ASKING FOR PROPOSAL ON HEAT. SYS.
*6/12 BUNKER RE NAMES AND ADDRESSES RALPH HEATH
*6/12 MARCIA MCKEAGUE RE CITIZENS ADV. COMM. MTG. 6/20
*6/12 AUTH. RE KAT. TIMES ARTICLES 6/12
*6/12 HERMAN PITTS RE GRANDDAUGHTER COMING TO KPC
*6/12 JOE MATTSON RE WEST GATE COMBINATION
*6/12 KAREN & KEN HANSEN RE GOV. B PICTURE/REED INS.
*6/14 BILL VAIL/BUZZ RE PURCHASE OF COFFIN LOT ADJOIN-
ING THE AUSTIN CAREY LOT/HARPSWELL
*6/14 BILL GORMLEY/BUZZ RE TANK REMOVAL
*6/14 DAVID BOURNE RE AUDIT DISCREPANCY
***6/19 CHRIS FROM BETH RE JOE CUSHMAN LIGHT DUTY WORK
**6/19 AMY GUMPRECHT/JEAN HOEKWATER RE TOGUE POND
BULLETIN BOARD
*6/20 MARTHA BEALS/BERRY'S STATIONERS RE PAINT SUPPLIES
FOR POCKWOCKAMUS ROCK (ABBOTT MEADER TO DO)
*6/20 SYLVIA SALAS RE MONEY TRANSFER AGREEMENT
*6/20 DIR. COMM. COMMITTEE RE MINUTES OF MEETING &
WEST GATE AMENDMENT POLICY
*6/20 JAMES TIERNEY RE AUTHORITY MEETING AND AGENDA
*6/20 ROY FARNSWORTH RE SAME
*6/20 BSP AUTHORITY/ADVISORY RE AGENDA/JULY 20 MTG.
*6/20 SUE TIERNEY RE CONFIRMATION
*6/22 FRANK GUERTIN RE MIKE SHANNON
*6/22 JOE MATTSON RE INSPECTION
*6/22 RON AHLQUIST RE MSEA MEETING AT PARK HDQ.
*6/26 AL COWPERTHWAIT RE WEST GATE
*6/26 MARCIA MCKEAGUE/DANIEL CORCORAN RE WEST GATE
*6/27 PRAY/CLARK - LEGACY OF A LIFETIME
*6/27 JOE PATE RE PAYMENT FOR FACILITY
*6/27 BRIAN, MICHELLE, SEAN, BRENDAN MURRAY LETTER
OF THANKS FOR TIME IN PARK
*6/27 JEAN HOEKWATER RE TOM GOETZ LETTER/HOMOR KING

*6/27 TOM GOETZ RE CAMPING IN PARK
 *6/27 CHARLIE KENNEY THANKS FOR COOKING SPRING MTG.
 *6/27 DAVID BOURNE RE DONATION FROM BRAYS
 *6/27 BETH RE OVERTIME
 *6/27 BETH RE USE OF PARK FACILITIES FROM CHRIS/BUZZ.
 *6/27 BAKER FROM JEAN RE MAPS FROM TRAUTMAN
 **6/27 TIM CAVERLY RE JR. RANGER PROGRAM FROM JEAN
 *6/27 FILE RE BUZZ'S TALK WITH BETH ON USE OF PARK
 FACILITIES
 **6/27 PHILLIPS FROM JEAN/MAP
 *6/27 FILE RE BETH PHONE CALL
 *6/28 BUZZ TO CHRIS, BOB, BARRY RE DEAD RIVER OVER-
 SIZED VEHICLE COMING THROUGH TO CAMP PHOENIX
 *6/28 BETH/JUDY RE CHECK FOR NEW 50 VEHICLE
 *6/28 LESTER, JEAN, JOAN, ROXIE, ROSEMARY, BERNARD RE
 COST SAVINGS THANKS
 6/28 BUZZ FROM PHIL RE HEATING SYSTEM HISTORY
 *6/28 LESTER, JEAN, JOAN, ROXIE, BERNARD RE COST
 SAVINGS SUGGESTIONS

7/3 *BSP ADMIN VEHICLE PURCHASES
 7/3 *BSP AUTHORITY RE THEFT
 7/3 *JOHN CASHWELL RE RESERVATIONS KPC
 7/3 *CHRIS DREW RE PUBLIC COMPLAINT
 7/3 *CHRIS, BOB, BARRY, JEAN RE BACK COUNTRY FACILI-
 TIES
 7/3 *RON AHLQUIST RE GRIEVANCE BY JOE CUSHMAN
 7/3 *RAY BEATON FAMILY RESERVATION
 7/3 *CHRIS RE TIERNEY'S VISIT
 7/3 *BETH/JUDY RE NEW VEHICLE
 7/5 *JEAN RE KUPEL LETTER
 7/5 *CHRIS RE BAIERLEIN LETTER
 7/5 *NANCY BESNER RE KPC
 7/5 *ADMIN STAFF RE SECURITY AT HEADQUARTERS
 7/5 *NANCY KENNISTON RE RESERVATIONS
 7/5 **HANK TYLER RE AGREEMENT FROM JEAN
 7/5 **DON WILLIAMS FROM JEAN
 7/5 **DP/KPC/TP GATEHOUSE RE SATURDAY PROGRAM
 WITH POSTERS FROM JEAN
 7/5 *NAN MCGLAUFLIN THANKS FOR HELPING WITH BIDS
 7/6 *WAYNE LYLE RE SECURITY
 7/6 *ROSEMARY RE REQUISITIONS
 7/6 **CHEWONKI FROM JEAN RE NEW EX. DIR.
 7/6 *AUTHORITY RE HEATING SYSTEM
 7/10 *ADMIN STAFF RE EXECUTIVE ORDER #1 FISCAL YR 1991
 7/10 *COMMISSIONER JOHN ATWOOD RE JEAN HOWES BEING
 COORDINATOR FOR ME STATE EMPLOYEES CHARITABLE
 APPEAL CAMPAIGN
 7/10 *TIM ELLIS/CHEWONKI RE STAFF FEEDBACK
 7/10 *JEAN HOEKWATER RE REQUEST FROM CAMP KIEVE
 7/11 *RAY BEATON RE RESERVATIONS AT TP
 7/11 *PAT KELLEY, DEAD RIVER RE PAYMENT OF BILLS
 7/18 *JOHN CASHWELL RE JARCK OF GP LETTER
 7/18 *RON AHLQUIST RE CUSHMAN
 7/18 *LES BLOOM RE KEITH SMITH MATERIAL
 7/18 *GLENN BRINKER RE TRIP INFORMATION
 7/18 *NOTE TO FILE RE THREATS
 7/19 *ROXANNE & LEE SMITH RE ACCIDENT
 7/18 *BETH RE CREDIT CARDS
 7/18 *MARK POOL RE INSTALLATION OF ANTENNA
 7/18 *ALICE NUTE RE LUNCHEON
 7/19 *MARY MEYERS OF BPI RE REQUEST FOR PLANT INFO
 7/19 *RICHARD KENNEDY CAMP KIEVE RE VEHICLE SIZE
 7/19 *DR. PAUL FICHTNER/RON MASURE RE GP MEETING
 7/19 *DANIEL DESJARDINS RE KLONDIKE REQUEST
 7/19 *AUTHORITY RE AUTO ACCIDENT
 7/20 *EDITOR BRUNSWICK NEWS RE HARPSWELL/AUSTIN
 CAREY LOT MEETING WITH LETTER OF WHEN TO
 ADVERTISE
 7/20 PAUL FROM ROXIE RE RULES AND REGULATIONS RE-
 VISIONS RE TRANSFERS AND TITLE 12
 7/20 *RALPH BAIERLEIN RE OUTLYING SITE CONDITIONS
 7/20 *MILAN THORNTON/SHAUN O'CONNOR RE ACCIDENT
 7/20 LUCILLE WEEKS RE RULES & REGULATIONS CHANGES
 7/24 *CHRIS/JEAN RE WALTER JARCK VISIT

7/24 *BETH RE TARDINESS
 7/24 *BETH RE HEATING SYSTEM
 7/24 **PETER ZIKA FROM JEAN RE CP STAY AND LEAVING
 7/24 *AUTHORITY RE WEST GATE
 7/24 *ALDEN WEIGELT RE BSP MATERIAL
 7/24 *AUTHORITY RE BOSTON COMPANY PROPOSAL
 7/24 *THANK YOU NOTE TO BIBBER RE CP TRIP
 7/24 *FILE RE DENIAL OF CUSHMAN CLAIM TO COMM. UNION
 7/24 *FILE/ITEMS CHRIS BRIEFED BUZZ ON
 7/24 *ROXANNE SMITH PHONE CALL TO JEAN
 7/25 *ROXANNE SMITH/REPORT TO HER FROM BUZZ
 7/25 *CHRIS RE MEETING WITH RON AHLQUIST
 7/25 *CHRIS/JEAN RE MEETING WITH BEN KANZA
 7/25 *VERN HAINES RE STATUS OF CLUB
 7/27 *TO JEAN (55)/JEAN/ROSEMARY, BETH RE DUTIES
 FOR EVERYONE WHILE JOAN IS OUT
 7/27 *FILE RE ROXANNE SMITH'S REPLY TO BUZZ'S LETTER
 7/27 *BETH RE AUGUSTA OFFICE
 7/27 *BETH RE WORK SCHEDULE
 7/27 *MARSHALL WIEBE RE SMALL AGENCIES MEETING
 7/27 *TOM SHOENER - SAME
 7/31 *ADMIN RE MICHAEL COLLINS' LETTER (DEPT. OF ARMY)
 7/31 *KEITH RUFF - G-P RE C. T. HOWLETT'S MEMO
 7/31 *JIM GARLAND RE HEATING SYSTEM RENOVATIONS
 7/31 *BETH/JUDY RE TRAINING AGENDA
 7/31 *RAY BEATON/SYLVIA SALAS RE \$320,000
 7/31 *CHRIS RE EVALUATION
 7/31 ***REPORT OF STOLEN DAY PACK/CHRIS

8/1 *JEAN RE BDN ARTICLE
 8/1 *AUTHORITY RE BDN ARTICLE ON JEAN
 8/1 **ROBERT JOHNSTON FROM JEAN THANKS FOR GEOLOGICAL TRIP
 8/2 **RICHARD DEARBORN FROM JEAN RE THANKS FOR INFO
 8/1 *JOE CUSHMAN ASKING FOR MONTHLY REPORT
 8/7 *FORM TO LT. COL. ALFRED SKILFIELD RE SIRENS
 8/7 *BEN KANZA RE MOTOROLA RADIO
 8/7 *ALICE NUTE
 8/7 *WALTER JARCK RE 8/22-23 TRIP TO BSP
 8/7 *MARY BAXTER WHITE RE TRIP TO BSP
 8/7 *BSP ADMIN RE PHONE CALL COMPLAINT
 8/7 *CHRIS DREW RE OIL SPILL KATAHDIN STREAM
 8/7 *ED FRANCIS RE TRIP TO BSP
 8/7 *MARCIA MCKEAGUE RE GP MEETING AUGUST 23
 8/7 *BSP AUTHORITY RE BEN KANZA VISIT
 8/7 *BILL CROSS RE ADVISORY HISTORY & HEATING SYSTEM
 8/7 *BSP FINANCE COMM. RE MEETING 8/27
 8/10 ***CHRIS TO STAFF RE WEST GATE (CHRIS HAS)
 8/10 BERNARD TO CHRIS RE " " - CHARLIE NODDIN("
 8/10 BERNARD TO CHRIS RE " " - KEITH BEAUPAIN("
 8/10 ***CHRIS TO DENNIS PRUNEAU RE WEBSTER BROOK TRIP("
 8/15 *DONAT BUSQUE RE FALL AUTH/ADV MEETING MEALS
 8/15 *PAUL STERN RE DEP LETTER ON FUEL TANKS
 8/15 *AUTHORITY RE RESEARCH BY DEPT. OF ARMY (COLLINS)
 8/15 *LONG & ROWE RE HELP AT RB BY GREG AND SCOTT
 8/15 *KEN KELLY RE ATLAS SENT MATERIAL
 8/15 *CHRIS, BOB, BARRY RE LOCATION OF DAVID READ
 8/15 *SANDY CHOATE RE CLOSING OF WEST GATE
 8/15 *FEDERAL & DEDICATED FUND REPORT
 8/15 *FILE RE JOE CUSHMAN GRIEVANCE (MTG. WITH RON)
 8/15 *AUTHORITY RE PHOENIX PARTNERS
 8/15 *PAUL MILLER, GP, RE TP CAMPS
 8/17 *CHRIS, JENSEN, JEAN RE PARK TRIP/GP 8/22-23
 8/17 *SCOTT BATES THANKS FOR FLIGHT WITH BEN KANZA
 8/17 *AUTH/ADV RE BETH'S RESIGNATION
 8/17 *ADVISORY RE FIELD TRIP INVITATION
 8/17 **DON ADAMS/JEAN RE RECEIPTIONIST
 8/17 *ELAINE TRUBEE RE TRAINING
 8/17 *AUTHORITY RE KEITH SMITH ARBITRATION
 8/17 *FINANCE COMM/ADMIN RE BIENNIAL BUDGET
 8/17 *D CALDWELL/JEAN THANKS FOR GEOLOGICAL TRIP
 8/21 *JUDY/JEAN/ROSEMARY RE NEW ASSIGNMENTS
 8/21 *BETH RE ASSIGNMENT (THINGS TO BE DONE BEFORE SHE LEAVES)
 8/21 *MAURICE STICKNEY RE TRUSTEES' MTG 8/28
 8/21 *PHIL RE MEETING WITH DAYLE ON HEATING SYSTEM
 8/21 *RAY BEATON/SYLVIA SALAS RE BETH'S RESIGNATION
 8/21 *CHRIS/JEAN/JENSEN RE AGENDA 8/22/23
 8/21 *NOTE TO BILL CROSS RE MATERIAL BETH SENT DOWN
 8/24 *ADMIN RE INVOICES AND PURCHASE ORDERS
 8/24 *JUDY/ROSEMARY RE PROCEDURES TO FOLLOW IN BETH'S RESIGNATION
 8/22 *W. G. BUKER RE FINANCIAL ORDER (JEAN HAS)
 8/24 *ADMIN RE HEATING SYSTEM CONSTRUCTION PROCEDURES

8/24 *WILLIE DUKE (GP) RE PART TRIP AND ISSUES. DRAFT
 TO BE SIGNED BY JOHN CASHWELL
 8/24 *JOHN CASHWELL RE DUKE LETTER
 8/24 * DEAN MARRIOTT DEP RE TRIP TO NES. FIELD
 8/24 *JEAN/JENSEN RE HARPSWELL MEETING 8/30
 8/24 *CHRIS, JENSEN, JEAN, ROXIE RE RECENT GP TRIP
 8/24 *MICHAEL COLLINS RE CHIMNEY POND TRIP
 8/28 *RICHARD BRAY RE 9/14 AUTH. MEETING
 8/28 *PRISCILLA BISSELL RE CONFIRMATION OF RESERVATION
 8/28 **DR. MARK JADKOWSKY FROM JEAN RE JENNIFER LONG-
 VILLE
 8/28 TOM CUSICK FROM BETH WITH DRAFT (2ND) BIENNIAL
 8/31 BSP ADVISORY FROM JANE RE 9/14 ADV. MTG.
 8/30 ***THANK YOU LETTERS FROM CHRIS/BUZZ RE LIGHTEN-
 ING STRIKE ON KATAHDIN TO BARRY, ESTHER, SCOTTY
 BATES, BERNARD, BOB HOWES, ARMY SUPPORT PERSON-
 NEL, ALAN RIDER, SOUTH DIST. STAFF
 8/30 **DR. RABINEAU OF COA FROM JEAN RE GROUP WHO
 WERE HERE
 **BSP EMPLOYEES RE ASSISTANCE AFTER ACCIDENT

9/4 MEMOS OF THANKS RE LIGHTENING STRIKE S&R TO:
 JEAN HOWES, BSP STAFF SO. DIST., ESTHER HENDRICK-
 SON, BERNARD CRABTREE, BARRY MACARTHUR, SCOTT
 BATES, STATE ARMY AVIATION SUPPORT PERSONNEL,
 ALAN RIDER

9/6 *LAURA SMITH RE BIRTHDAY
 *BSP FINANCE COM., AUTHORITY, JANE AND ROY RE
 CONDRON LETTER
 *ROSEMARY RE ITEMS FOR STATE AUCTION
 *DAVID GATHMAN
 *BSP AUTHORITY RE LIGHTENING STRIKE

9/11 *MAJOR TINKHAM RE COLLINS
 *MICHAEL COLLINS RE TRIP TO KAT.
 *DAVID FITTS RE BURGLARY
 *TIM SMITH RE MEETING/BUZZ
 *SANDY CHOATE RE WEST GATE
 *ELLEN WEATHERBEE RE SCOTT FISHER
 *FLEISCHMAN RE MAC BROWNING
 *LEO KAUFFMAN RE GREG HAMER
 *CROSS RE EXPENSE ACCOUNT
 *CHRIS RE HADLEY COOLONG ACCIDENT REPORT
 *BARBARA FINKE RE GREG HAMER
 *BSP AUTHORITY RE MEMO BELOW
 CHRIS, JEAN (55), JUDY, ROSEMARY, ROXIE
 JEAN HOWES RE 9/4/90 DISCUSSION
 *JOHN HOWARD, JIM GARLAND, JANE THOMAS RE TOUR

9/13 *WAYNE LYLE RE SUPERVISOR AND MEETING
 * WEST GATE OPTIONS
 *PAUL STERN RE LETTER TO JOHN CASHWELL
 *GARLAND, CROCKETT, WHITE RE BOSTON REPORT
 *BSP STAFF RE STAFF MTG. 9/18/ - 9 A.M.
 *FILE RE BETH'S EVALUATION AT TIME OF TERMINATION
 IN BUZZ'S FILE

9/19 *CHRIS RE MEMO FROM RISK MANAGEMENT PETS IN WORKPL
 *CYRUS BLANCHET RE DONATION
 *MARY RUDD JAMES RE WEST GATE
 *JUDY, JEAN HOWES RE UNIT CLARIFICATION
 *J. R. GOODY RE REMOVAL OF C-10 CAMP TP
 *ALICE NUTE RE CANCELLATION OF TRIP
 *WILLIAM BRUNETTE RE WEST GATE
 *KERIVAN RE PICTURES

9/20 *JUDY RE MFASIS TRAINING NOTE
 **ELLIOTT RE PLANT LIST
 *JOHN LOYD RE FEE COMMITTEE MATERIAL
 *DON WILLS RE RESERVATION POSITION EXTENSION
 *RICHARD BRAY & FAMILY RE DONATION/MEETING
 *DONAT BUSQUE RE AUTHORITY MTG. FEED
 *REP. ADAMS RE MACKWORTH COMMITTEE
 *ELAINE TRUBEE RE TRAINING REPORTS
 *PETER LESLIE RE RESERVATIONS CONFIRMATION

9/26 *BRIAN WILEY RE SNOWSLED BID
 *FORT KENT SKI-DOO " "
 *LINCOLN MOTOR CO. " "

10/2 *AUTHORITY RE TIME OFF
 *JOHN BIBBER RE KEN SHADE
 *JUDY, JEAN, ROSEMARY RE SUPERVISORS
 *TIM LEET, LEGISLATURE RE INFO - SENT DOWN
 92-93 BIENNIAL, VEHICLES, SOP
 *CHARLES PRAY RE WEST GATE
 *JAMES STROUT RE VOLUNTEERING
 *BEN TOWNSEND RE DONATIONS POLICY
 *MEMO TO ADMIN. DIV. HEADS RANGERS AND JEAN HOWES
 RE DR. RUFFING AND TIM SMITH MTG OCT 18 10:00
10/3 TO CAMP KIEVE FROM JAN RE PLANNING CANOE TRIP
10/10 *TIM LEET RE BARGAINING UNITS
10/16 **RUTH BUTTLER FROM JEAN RE POSTCARD/DAICEY
 TO BUZZ FROM STAFF RE MISSING LOTUS PROGRAM
10/17 *Beatrice Rafferty School re material for students
 *Rick Leavitt re Lotus computer program
 *BSP Authority reschedule Auth meeting to 11/27
 *Rep. Conrad Heeschen re West Gate
 *Christine Trefethen re plaque
 *Jensen & Jean re Harpswell
 *Steve Crockett, Jim, Rupert re Boston Co.
 *JENSEN/JEAN RE HARPSWELL
 *MARTIN JONES RE FOWLER POND FACILITIES
10/18 *ADMIN RE KPC CONTRACT
 *ADMIN RE BUDGET
 *CHRIS, JENSEN, JEAN RE INSPECTION 10/16 KAT.
 STREAM/KIDNEY POND
10/19 *SCOTT RAMSAY RE SNOWMOBILE CONT. FOR RESEARCHER
 FROM SCOTLAND
10/23 *PHIL RE PLAQUES FOR JAKE DAY PAINTING
 *MACKWORTH BOARD RE MEETING DATES/PLAN
 *VERN HAINES/SENT GP ADVISORY MINUTES
10/24 NOTICE OF FEE AND RATE COMM. MEETING
 *MAJ. GEN. ERNEST PARK RE 11/17-18 TRAINING
10/25 *AUTH RE BILL IRWIN
 *BEATRICE RAFFERTY SCHOOL INFORMATION
 *RICK SCRIBNER RE CLASS MEETING HERE
 *AYOOB, THORNTON, SCARANO, CUTLER, GATHMAN,
 LISA BAROWSKY, STEVE FICKETT AND HORACE SWIFT
 RE IRWIN REPORT
 *RELEASE RE BILL IRWIN
10/26 *RON AHLQUIST RE CHIMNEY POND WINTER SCHEDULE
 *CAROLYN STARLING RE LIBRARIES
 *PHIL RE POLITICS
 **STEVE FICKETT/JEAN RE BIRD PRINTS

11/1	*AUDITORS RE AUDIT
11/5	*INDUSTRY VERIFICATION STATEMENT
	*ROBERT KENNEDY, BDP, RE ROXIE SECURITY ADMIN.
	*AUTHORITY NOVEMBER 27 MEETING
11/6	*RALPH LEONARD RE ELIMINATOR/MEETING
	*ADMIN RE SPEAKING ENGAGEMENT REPORTS
	*AUTHORITY RE CRITICAL AREAS AGREEMENT
	*BUCKY OWEN RE RESERVATIONS NES. FIELD
	*DAVE MENTION RE BUZZ'S BOOTS
11/8	*AUTHORITY RE JENSEN REPORTS AND TOUR
	*SYLVIA SALAS RE ALLOTMENT (FAXED DOWN)
	*MEMO PHIL RE KEYS
11/9	*MACKWORTH RE 11/30 MEETING
11/14	*HAT TO MARTHA MURRAY
	*MEMO TO INTERESTED PARTIES RE WEST GATE
	*LETTER TO PAT & KEITH SHAW RE MEAL AND IRWIN
11/15	*LETTER TO BSP VENDORS RE COPIES OF SLIPS
11/15	*MEMO TO CROCKETT, GARLAND, WHITE RE CASCO & BOSTON CO. STATEMENTS
	*DOT LAVERTY RE PAINTING OF KATAHDIN?
	LETTERS TO FARMINGTON RE KAREN MOTT
	FORM TO L.L.BEAN RE BUZZ TESTING
11/21	*JUDY HAFFORD RE INVOICES
11/28	*NOTICE OF DIR. COMM. MEETING/AGENDA
11/29	*CELINE FARNDON RE WINTER CAMPING
	*LES BLOOM/BUZZ HEARING NOTES
	*PHILIP PEPIN RE GUIDE, MAP, DECALS
	*JIM & LAURETTA SMITH RE BILL IRWIN
	*ANDREW PEASE " " " "
	*ROBERT MCCARTHY RE RESERVATIONS (KIP NEALE)
	*JIM TIERNEY THANKS FROM BUZZ
	*ROBERT THOMAS U OF M RE EMPLOYEE DATA FORM

12/4 *FRANK APPLEBY WITH R&R, FEE MINS
 *BILL IRWIN AND STARLING/BDN ARTICLE
 12/5 *BRIAN STETSON/GP RE DOLBY LAND FILL
 12/6 *JEAN HOEKWATER, JAN RE REQUESTS FOR FACILITIES
 FOR ADMIN. PURPOSES
 *BOB CHENEVERT, NACCCA
 *JANICE BILODEAU
 *ROBERT HERRICK RE PICTURES OF KAT.
 *MACK MEMO TO ADVISORY RE MINUTES
 *MEMO TO ERIC AND HERB ADAMS " "
 *MEMO TO TOM MORRISON RE MACK PLAN
 *CHRIS, JEAN JENSEN/CONTRACTS (confidential)
 12/7 *JEAN HOEKWATER RE GEORGE MONTI MEMO
 *FINANCE COMM. RE JANUARY 8 MEETING (TRUST)
 *PAUL STERN RE SUBCONTRACT AT DAICEY POND 1991
 *ADMIN RE BUD. TRK./DONATIONS
 *TOM DOAK RE ACT. DIR MFS
 *MARY GINGROW, AUDIT, RE EMP. RELATIONS CONTRACTS
 DAICEY AND KIDNEY
 12/10 *BARBARA LORD, JEAN JOHNSON, LAURA BOYETTE, BUREAU
 HUMAN RESOURCES
 *PARK STAFF RE 20-WEEK CLERK II POSITION
 12/11 **JEAN TO RESERVATION/FIELD RE 1991 RESERVATIONS
 FOR TROUT BROOK, NESOWADNEHUNK AND RUSSELL
 *G. ASA DANIELEY RE BSP HAT
 *CHAD MACARTHUR RE CREW PERSON OF MONTH
 *TIM STEWART RE ME STATE LOTTERY
 12/13 ***CHRIS TO BOB, BARRY, JEAN, JENSEN , BUZZ RE.
 CARRY-IN, CARRY-OUT
 12/18 *JEAN RE ARBITRATION/BRIEFS
 *BSP STAFF RE WORK SCHEDULE
 *BSP CLOSING OF OFFICE
 *PEOPLE RE CARRY-IN, CARRY-OUT PROGRAM
 12/19 *JUDY/ROSEMARY RE OIL BILL
 *MICHAEL CARPENTER/BSP MATERIAL
 12/21 **JEAN TO OFFICE RE BACKCOUNTRY SITE
 *REP ADAMS RE MACKWORTH
 *MACK ISLAND ADV. RE 12/20 MEETING/UPDATE
 12/26 *S&R GROUP RE MEETING AND DIR COM MEETING
 *GENE LETOURNEAU RE CARIBOU
 *JEFFREY HARDY RE CHILD/TIMBERLINE
 *JOHN NEFF RE OLD GUIDE BOOKS ON LOGGING
 *RON AHLQUIST RE CONTRACTS
 *DAVID WILKINS RE CHARLIE CULLINS
 *BSP ADMIN RE COPYING
 *TOM MORRISON RE SCA FOR DEAF
 *DANA MELICK RE VOLUNTEER AND RESERVATIONS
 12/28 *ALICE CAREY RE PHOTO BILL IRWIN
 *CAROLYN STARLING/BUDLEAVITTS COLUMN
 *AUTH/ADV. CANCELLING JAN 8 MEETING