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# BAXTER STATE PARK

## 1993

# ANNUAL REPORT



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AUGUSTA, MAINE

### BAXTER STATE PARK AUTHORITY:

SUSAN J. BELL, CHAIR  
*Director, Maine Forest Service*

AUG 22 1994

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B323 er, Inland Fisheries and Wildlife  
1993

*Respectfully submitted:*  
IRVIN C. CAVERLY, JR.  
Director, Baxter State Park  
June 16, 1994

TO PROTECT AND PRESERVE



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**B. DIRECTOR'S 1993 SUMMARY**



## DIRECTOR'S 1993 SUMMARY

As I reflect on our accomplishments during 1993, I take a great deal of satisfaction in what we were able to do for Maine people as we serve this Park. The detailed accomplishments outlined in this report speak for themselves. We often wonder if there are enough hours in a day or within a week to do all of the things that we have proposed with the human resources that we have to accomplish those tasks. As your Administrator, I have spent much of 1993 attending meetings, coordinating operational efforts, supporting and assisting the Authority, working closely with the Baxter State Park Advisory Committee members individually, as well as at Advisory and Authority meetings. It has also been my pleasure during this year to work with organizations, other agencies and Maine people who have a particular interest in Baxter State Park, explaining, reporting, coordinating and assisting them as well as benefiting from them, their perspectives and what our Park represents, and how it should be managed.

To illustrate those communication efforts, we have on file here at Park Headquarters our inventory of correspondence which consists of over 12 pages of titled topics which I have worked on with people this season. Although this inventory is too lengthy to put into the report, I trust it will be helpful to have in the files for future reference. If one may have a curiosity as to the volume and types of topics that we address and discuss in the course of a year, one may contact the office. Of course this inventory is supplemented by a long-standing and up-to-date indexing of Authority meetings and Advisory meetings minutes. The Authority minutes are further broken down into an inventory of topics by discussion and also topics by vote.

Due to the lateness of this report, I think it appropriate that I comment on opening day 1994. Within the contents of this report, you will note that first day of operations was a relatively busy and challenging day here in Millinocket. By using the Heritage Motel as a facility to register our guests, we were able to provide a comfortable and more relaxed setting for the users as well as a much improved atmosphere at Park Headquarters. The Clerks were dealing with a half dozen people at a time vs. trying to deal with up to 100 people in one building. The results of our efforts in trying to provide a more manageable atmosphere were very good and the first day of operations is classified as being successful, from feedback I have received. Over 350 people came to Millinocket to get their confirmation for facilities for 1994. All were greeted with professionalism and most received their first choices; all received some type of facility. Public relations were good. We appreciate the patience of those who come to visit us on that day and I am extremely appreciative of staff's efforts in making this a smooth operation. We did receive a couple of complaints which are to be expected considering the volume of people and reservation requests. We think we've made some good steps in the reservation process and



will continue to try to improve on it.

During the year we have worked on a number of different controversial issues. The first we were confronted with was the issue of predator control in Baxter Park and the appropriateness and need for it. We had received some requests from Park staff as well as Maine Warden Service and public sector to initiate some predator control techniques on the north end of the Park in the hunting zone, mainly the Matagamom/Little East Stream area. My position, initially, was similar to the one that I had understood that Governor Baxter took in earlier years on this issue; that being that if a predator was threatening the existence of a game species, in this instance deer, then the Baxter Park Authority may, in cooperation with Inland Fisheries & Wildlife, initiate predator control techniques. However if it was not a threat to the species, it would not necessarily be in the best interest for the Park and its resources to initiate such a program and that the resources should be able to interact in a natural environment without interference. I had long discussions with Commissioner Vail on this issue. Advisory member Ray "Bucky" Owen was asked to meet with a sub-committee to discuss this and report back to me with information. It was accomplished, and after evaluating the information submitted and talking to Commissioner Vail, we concurred that predator control should not be initiated by Inland Fisheries & Wildlife unless Baxter Park requested such action. I believe that decision is consistent with the position that Governor Baxter took when he was establishing guidelines for the Authority on this subject many years ago. It's interesting to note that, nearly a year later, other than some disappointment by various individuals represented in those discussions, we have not noted a negative impact to the natural resources of our Park. I firmly believe that much of the need identified for predator control, between the coyote and the deer, was based on a special interest and a concern of competition by hunters vs. the coyote. Economics were certainly a part of the discussion and, in any other circumstances, may be considered appropriate. However, here at Baxter, we must consider the impact on the natural resources and not make our decisions based on special interest or economical benefits, but rather let nature prevail where the resources "may live, grow, flourish and die in nature's endless cycle." (P.P. Baxter Deeds of Trust).

A major undertaking this year was the revision of the Baxter State Park Management Plan. Our policy calls for this plan to be revised and updated at 5-year intervals. In order to have the final works ready to be printed, we started early on in 1993 and, at the drafting of this Annual Report, I am pleased to report that the Unit Management Plan and the Togue Pond Plan have gone through the process, the Togue Pond Plan, reviewed by the general public at 2 public meetings, reported upon to the Baxter Park Authority, and approved by the Baxter Park Authority at their May meeting in Millinocket. The entire work is on its way to the printer and we should have it back in final form within a couple weeks. The Scientific Forest Management Area portion of the Plan is yet to be revised, but it is listed as a relatively high

priority and I anticipate that it will be forthcoming as soon as Jensen and the SFMA Advisory Committee have the opportunity to devote some time to a work session on that. The Plan as a whole has been a helpful tool in managing Baxter State Park. Its basic principles developed from the Deeds of Trust, numbering 28 between 1931 and 1962. These have been the basics for our working tool referred to today as the Management Plan. We have had some excellent assistance and support in the initial development of the Plan as well as the revisions at the various 5-year intervals. This year was no exception. Bob Ohler, who had worked on the original Plan, served as the Chair of the Management Plan Sub-Committee and coordinated the various stages of the work sessions. Due to some health problems within his family, he needed to pass that coordination on to another Committee member. Consequently Roy Farnsworth, Chair of the Baxter Park Advisory Committee, appointed Shirley Burke as the new Chair. Our thanks to Shirley and Bob both for their efforts in helping us accomplish this project. Also our thanks to Shirley for providing a meeting facility centrally located in Brewer at the Abnaki Scout Council Headquarters for most of our work sessions. The facility provided an excellent opportunity from the standpoint of being complete, but also from geographical location and all of us working appreciate very much Shirley and the Girl Scouts' efforts in making this work place available.

The Standard Operating Procedures Manuals and Search and Rescue Manuals are currently being worked on and also should be completed by the end of this calendar year 1994.

During the year we were able to purchase a number of new canoes from the Old Town Canoe Company. It is our goal to replace the Grummond aluminum canoes which have been in service in Baxter Park for many many years with the new Old Town ABS style Discovery 169. The Old Town Canoe Company has offered us an excellent price at approximately \$345 per unit and any canoes that have been budgeted for replacement have been purchased under that agreement. In addition we have had some excellent response on small donations and this account allowed us the opportunity to purchase additional canoes that were not previously budgeted. Consequently all of the canoes at Russell Pond and surrounding ponds have the new Discoverys in place and this year we were able to pick up 5 canoes for Daicey Pond. We will focus on replacement at Kidney next and subsequently South Branch Pond. We appreciate Old Town Canoe's cooperation in helping us accomplish this task. We also appreciate the support we receive from the Medevac Army Helicopter Unit based in Bangor. Major Jim Tinkham has been most helpful in scheduling training exercises to include moving these canoes to remote locations such as Russell Pond and outlying sites. Our canoe replacement is going very well due to the cooperation of all involved and I hope, that within a few years, the users of our Park will be enjoying the aesthetics of the area from a very special canoe, deep green in color, well-suited to the wilderness and quiet compared to the echo of the aluminum when a paddle hits the side. A good project.

Our Communication meetings during 1993 were on schedule and went very well. I scheduled them as in the past, twice a year, generally in June and again early in December. It is an opportunity for this Director to communicate with people who have a specific interest in hearing about the operations of Baxter Park, what has happened in the previous 6 months, what is currently available for information and what is projected to happen in the next 6 months. It is also an opportunity to talk about current budgets, both work program and biennial, as we all discuss issues of interest that the people want to share regarding the management of their Park.

During the year we have had a new focus on the issue of safety. This has been brought about, primarily, by the establishment of the Maine Mutual Employees Insurance Company. It is an overall effort State wide to reduce costs of workmen's compensation insurance. Consequently I have been asked and serve as a member of the advisory committee to that group, and have been involved in several work sessions. It has been helpful in the sense that it has enlightened me on what has become a major problem throughout the State in insurance costs, and consequently focused me in a direction of being more safety conscious in conveying the need to help Park employees to accept responsibility for a safe work place. On a regular basis, bi-weekly approximately, we discuss issues of safety and what might have been done or what is about to be done to keep people aware and alert of the need for a safe work place and that safety is everyone's responsibility. I have enjoyed the opportunity to work with this fine organization as well as to have a more direct contact with employees regarding this subject. Consequently I think we're seeing the results of a more consciousness on this subject and our incidents of accident should decrease as we continue to focus on this most important issue.

Moving the control Togue Pond booth from its original location at the southern Park boundary to the junction of the Roaring Brook/Katahdin Stream road has been extremely effective from a management standpoint. We now have control of vehicles and the direction in which they subsequently travel after they leave the booth. Prior to this relocation, it was not uncommon that the Roaring Brook road was closed; they would acknowledge that information, request a pass for somewhere on the west side of the Park and then after leaving the booth, proceed to the junction, making a right turn, park in the first turnout they could find as close to Roaring Brook as possible and proceed with their daily agenda. Thus the circumventing of Park policy, causing overuse and negative impacts to the Roaring Brook facility. I congratulate all staff, Advisory and participants who worked on this project and made this possible.

Rules and regulations have been revised for necessary changes, updates and condensing. Thanks to the effort of Advisory member Ben Townsend, staff and Advisory. A final draft was submitted to the BSP Authority at an Authority meeting earlier this year. The revision was approved by the BSP Authority for posting with the

APA and after going through the process, formally adopted by the Authority. Rule revision is always a major undertaking, requiring staff to closely follow the procedures and process in order to get them to their implementation stages in a timely fashion. My thanks to all involved, but most especially to Ben, Roxanna McLean and Jean Hoekwater. It is interesting that I am frequently asked to clarify regulations and the intent thereof. Most questions are pretty routine, straightforward and relatively easy to answer; some get more complicated and it is Paul Stern who helps me out in the details of those. My thanks to Paul for his willingness to always hear the question and give me professional advice in layman's terms so that I might respond to the issue correctly.

The year 1993 was an extremely difficult year for BSP relative to personnel matters. There were a couple incidents that required extensive investigations, close analysis of the information, counseling and, ultimately, disciplinary action. Issues such as these are never pleasant for all concerned, generally complex and seriously demand an extraordinary amount of time. Some aspects of these issues are within an appeal system and I expect we will be well into the year 1994 before they are resolved. Because they are personnel issues, a high level of confidentiality is necessary, therefore I will not be specific, but I did want the record to reflect that these issues have caused a year of turmoil throughout the ranks and we look forward to getting resolutions and the various subjects behind us.

Vacancies within the ranks during 1993 were relatively low, consequently we have had a high return of seasonal employees. Several of our seasonal employees have worked for more than a dozen years, enjoy their BSP assignment, continue to put up with the hardship of seasonal employment for the benefit of working in and representing their Park. For this commitment and dedication, I am extremely grateful. Negotiations with the lessees on the sale of properties has resulted in some progress, however has not met the expectations that I had perceived when I commented on this subject in my concluding remarks in 1992. The Shinners, who owned a camp on Lower Togue Pond, made the decision not to purchase their building and offered it to the BSP Authority. After some negotiation, a price was agreed to and the Authority purchased the building. In 1993 we met with members of the Corrigan family, initially discussing options for them to purchase. Those discussions are ongoing.

In 1993 successful bids for gas purchases at the pump for Park vehicles was with the Irving Oil Co. of Millinocket. Their closest competition was 18 cents a gallon above what Irving had offered. Consequently we awarded the bid to Irving at a substantial cost savings, as well as benefiting from 24-hour service.

The Carry-in, Carry-out policy for 1993 continues to be successful and, as indicated in the operation report, we have reduced our volume of trash substantially. Our goal is to continue those

efforts and, ultimately, strive for a total Carry-in, Carry-out program.

The donation account activities are summarized within the Administrative Services section of this report. However it is important to mention that the Park is appreciated and supported by many members of Maine citizens as well as out-of-state guests. Small donations of \$10-\$50 are received on a relatively frequent basis and interest and inquiries about large donations are frequently commented on by people and attorneys for purposes of their wills. This interest and intent speak well of our Park and speak extremely well of people's value of their Park.

On several occasions during the year, I was contacted by staff and the Bureau of Land Use Regulations and asked to review proposals that they had received for the Pockwockamus project. As has been consistent from the first permit, I have responded to those requests, directing my comments towards what I felt was in the best interest of BSP. Those views have not necessarily been shared by some of our neighbors, co-workers or Authority members. However, all have acknowledged that the interest of the Park has consistently been my focus. With all due respect to adjoining landowners, it is important that we, as well as they, be kept informed on what is happening and what potential impacts there might be from them to our Park or from our Park to them. Authority Chair Sue Bell is to be commended for her initiation of setting up the adjoining landowners meeting with the BSP Authority for continued communication purposes. We look forward to that meeting and anticipate it will take place early in 1994.

This year, as in previous years, there have been numerous requests from reporters, newspaper/radio/TV, requesting interviews. To every extent that schedules allow, I work to cooperate and respond to these requests. The most spontaneous ones which are, as may be expected, during and following incidents that cause a lot of human interest such as search and rescue, fire, extraordinary weather conditions and other emergencies. Others are more long term requests, generally reporting on the Park's philosophical approach to issues, clarification of policy or informing the public on a particular use. Such was the case when Bill Greene of a Portland TV station, contacted me in the early winter of 1993. He was concerned that Maine people were not aware of activities in the Park during the winter months as they might like to be. Consequently we set up interviews at Chimney Pond. This entailed Bill and his camera man going into Chimney, staying overnight, interviewing Park users and staff and then reporting live via cellular phone on 2 different evenings from Chimney Pond. It was a report that was well received across Maine and one that I received a lot of positive feedback on. Bill is to be commended for his extraordinary efforts and time commitment in accomplishing this task.

The State Audit Department were successful in accomplishing their Audit for 1993. In addition to the work they did in Augusta, by tracking payrolls, trust funds and account activities, the

Auditor spent 2 days in Millinocket following up on issues that were written up in a letter of material weaknesses from the year 1992. Following that 2-day session, Auditor Bob Bartlett advises me that he was satisfied that recommendations made the previous year had been or were in the process of being responded to effectively and that there will be no letter of material weakness mailed out in the year 1993. He was satisfied with our accountability, offered a few suggestions and complimented staff for their efforts. To my knowledge this is the first time since I worked for the Park that there have not been some very specific changes recommended. My congratulations to Administrative staff, BSP Rangers, Rosemary James, Tim Sides, Judy Hafford, Jan Caverly, and Jean Howes for their effectiveness and accountability.

During 1993 we were able to cooperate with Ansel Thurston of the Maine Forest Service as he coordinated assistance for members of USDA in projects they were working on within the Park area. We held discussions with the Department of Transportation regarding the long-term objective of replacing the Kidney Pond bridge, met on numerous occasions with the United Bikers of Maine considering their recommendation that motorcycles no longer be banned in BSP. After several sessions of hearing all of their perspectives, the Advisory Committee, Use Committee, staff and Authority agreed that our current regulation should not be changed.

Low level flights continue to be a concern in 1993. Consequently I wrote to the Commander of Loring Air Force Base and asked his cooperation in advising Air Force personnel of the impacts and sensitivity of the area. He responded with a confirmation that he heard what I was saying and, subsequently, issued a directive consistent with the 2,000 feet above ground policy initiated several years ago.

An Executive Directive regarding furloughs and shutdowns had the potential of causing severe negative impacts to BSP in 1993; but thanks to the participation of the BSP Authority, the cooperation of Kenneth Walo of the Governor's Office of Employee Relations, Mark LeDuc and John Devine of the Governor's office, our requirement was reduced substantially. This allowed us the ability to maintain our staffing of facilities on the major holidays.

As you proceed through the upcoming pages, I trust that you will be pleased with the detail provided. As always, it is my goal to keep you completely informed and let the record reflect that the protection and preservation of BSP is a most important job. The responsibilities of maintaining facilities and providing services to the beneficiaries of this gift should never be minimized, and will not be, as long as as managers continue with a coordinating, cooperative working relationship amongst Maine people.

"I am confident that the people of Maine, as time passes, will appreciate their park. I know the conscience and the soul of Maine." (Former Governor Percival P. Baxter).



## **B. OPERATIONAL HIGHLIGHTS AND OVERVIEW**





## I OVERVIEW - 1993

CHRIS M. DREW - CHIEF RANGER  
BARRY MACARTHUR - PARK RANGER II - REGION I  
ROBERT HOWES - PARK RANGER II - REGION 2  
LESTER KENWAY - TRAIL SUPERVISOR  
ALBERT RICKARDS - PARK CARPENTER  
TIMOTHY SIDES - PARK MECHANIC  
HADLEY COOLONG - PARK MAINTENANCE RANGER  
JOHN HOWARD - COORDINATOR, VOLUNTEER PROGRAM

Public Contacts	188,339 persons
Operations Personnel Hours	30,803 hours
Search and Rescue	23 incidents
BSP Volunteer Program	8,681 1/2 hours given by 266 individuals

During the early part of the winter of 1993 all personnel gathered at Roaring Brook parking lot to deliver bog bridge material to the Sandy Stream Pond area to sites where the trail crew would replace worn and decayed sections of bog bridging and stream crossings. Also material was hauled to Pamola Brook to replace a badly decayed bridge. On 3/13/93 efforts were made to contact all campers of an approaching winter storm that weather bureaus had billed as the storm of the century. Although we did not receive the possible 36" of snow that we could have received, we did receive 12"-15". Also unusable canoes or boats were removed from some of the back country areas. Supplies continued to be either flown in or sledged to the remote campgrounds. Toilet building material continued to be sledged to remote campsites in an effort to consolidate waste material and make sites more aesthetically pleasing. Much time was also spent cutting, splitting and hauling firewood to Chimney Pond during the winter.

Spring brought blackflies out maybe a little later than usual, but certainly with a vengeance. As Brendan Curran wrote "campers look like extras from crowd scenes in a Stephen King movie." There were severe thunderstorms at the end of June causing a strike near the Hudson Pond area in the SFMA, but quick action by Park personnel, volunteers and the Maine Forest Service ended any threat. A gate was installed on the bridge at the South Branch crossing to prevent traffic from traveling on frost and mud laden road as far as Camp Phoenix. This relieved some extra maintenance that is normally required to open roads in spring.

Work was done on our tow-behind grader by modifying lifting capabilities and steering by using hydraulics. The converted machine was used by the DOT crew at the northern end of the Park during the summer season. Some minor work remains and will be done early in the 1994 summer. Inventories were kept up at the various campground locations. Speed on Park roads continues to be a problem with time spent slowing traffic. Firewood sales continued to rise again this season. Wear and tear in campground areas continued to diminish by providing firewood.

Relocating the gatebooth at Togue Pond took considerable time getting ready. Bulldozing was first done to widen the road slightly and finer gravels were hauled in for fill to level a surface to set a platform on. Surface material was brought from a gravel pit in Medway. The gatebooth was loaded on a trailer from the old location near the swinging gate and set in place at a new location near the "Y" in the road at the intersection of the Roaring Brook road and the Perimeter Road. The building was painted, an antenna set up, and a vault toilet installed near this location. A turn-around was placed about a quarter mile from the gatebooth on the Roaring Brook road for oversize vehicles.

Efforts have begun at the old Togue Pond blockhouse and Trapper John building to get the facilities ready for use. Much unusable material was hauled to the dump and efforts got underway to have a septic system designed. Work is expected to begin early in the spring of 1994. Time was spent tearing off the old surface plank on the Kidney Pond bridge and replacing it with new. Plans are underway presently to repair or replace this bridge as soon as is practical. The fuel depot at Abol Pond was finally completed with only fencing material left from the rest. It seems that a woman hiking in the Russell Pond area thinks that the Park discriminates against people with short legs when laying out trails. The information was forwarded to the trail crew leader.

An inspection of all the gravel pits in the Park was done during the fall with samples taken and analyzed. Results were submitted to the Park and possible use of material will be submitted at a later date by the people of the DOT. Roadside mowing continued at the northern end of the Park from Matagamon gate south to the old Telos camp in the continuing attempt to mow about 1/2 the Park road system each year. Also about 150 yards of road was relocated by the old Telos camp trying to relieve a traffic control problem. Fall activities included routine patrols of area where hunting is allowed and also areas in the game preserve. There were 957 hunters that registered to hunt in T6R9 and T6R10 in 1993.

The fuel depot at Nesowadnehunk Field was covered with a roof to keep snow and ice off the fuel tank and pump.

The outlying campsite sanitation improvement program was upgraded with the construction of pit toilets at walk-in campsite #1 at Trout Brook Farm, Togue Ledge and Second Lake campsites on Matagamon Lake, and the Pines and Outlet campsites on Long Pond.

A summary of other major projects by location include:

Togue Pond - Survey of Togue Pond land purchase/relocation of gates.

Roaring Brook - Removal of 2 old storage buildings.

Chimney Pond - New woodshed added to the bunkhouse.

- West wall of Ranger's cabin renovated/refitted with new windows.

Katahdin Stream - Walk-in campsite renovations with Volunteers for Peace group.  
Daicey Pond - Removal of old crew camp. Renovation of York cabin.  
Kidney Pond - Library porch deck and railing replacement and other cabin repairs.  
Nesowadnehunk Field area - Day use and campsite renovation. Wass. Lake Trail relocation in progress.  
Russell Pond - Russell Pond trail relocation at the Wassataquoik Trail crossing.  
So. Branch Pond - Major renovations at Ranger's cabins (2) and bunkhouse.  
Trout Brook Farm - Major work on upgrading outlying campsites.

A total of 266 volunteers donated 8,681 1/2 hours of service toward the maintenance of Baxter State Park.

There was a reduction in trash disposal in Baxter State Park in 1993. A total of 17.475 tons of rubbish was removed from the park in 1993. The 1992 tonnage was 21.9 tons of trash. This is a reduction of 4.5 tons of trash.

The moratorium on watercraft storage in Baxter State Park bore fruit by a decline in boats and canoes stored in Baxter State Park. A policy of watercraft storage was put into effect in 1993.

Two bear and two beaver were live trapped and relocated in 1993. Raccoons are beginning to be a nuisance in various campgrounds. A rabies epidemic in southern New England is working northward into Maine.

A total of 23 search and rescue operations were successfully completed in 1993. There were no fatalities in Baxter State Park.

## II 1993 PUBLIC RELATIONS (REGIONS 1 AND 2)

1. Volunteers were used at Trout Brook and Chimney Pond to either assist with interpretive material or campfire talks.
2. New Discovery canoes at Russell Pond and some surrounding ponds were received well by the public, being much quieter and more aesthetically pleasing than the previously used aluminum canoes.
3. The process of providing as much education material as possible continued at campgrounds by providing displays of hand-outs.
4. Assistance was provided to other agencies as needed including help to fight a lightning strike in the Hudson Pond area, assisting Maine State Police with a fatality on Sebois Hill on the Shin Pond road, and assistance to Warden Service enforcing fish and game laws.
5. Robert Howes and Charlie Kenney attended career day at Unity College.
6. Assistance was given to various volunteer groups moving them

- to various locations as they performed tasks for the Park.
7. Assisted various Search and Rescue teams that were training in locations within the Park during the summer and winter season.
  8. Accompanied Buzz, Chris and Bob with interviews conducted at Chimney Pond concerning winter use of the Park, interview performed by television reporter Bill Green.
  9. Assisted Maine Warden Service by lending a bear live trap to solve a problem that occurred at the Matagamon Wilderness store.
  10. Patrols by Rangers throughout the Park during the summer and winter seasons provided contacts for distributing various types of information.
  11. Assistance was given to motorists for various reasons including car starting, pulling back into the road or telephoning for help from area mechanics.
  12. Baxter Park has four members on the newly forming Maine Association for Search and Rescue (a statewide organization).
  13. Assistance was given by the Maine Forest Service by helping deliver fire equipment to remote areas and for the inspection of back-country fireplaces.
  14. A tour of the Park was given to Dick Averill the new assistant Division Engineer for the Bangor division of the Department of Transportation.
  15. A brief meeting was held with Professor Dagher of civil engineering at the University of Maine concerning the possible design and use of a wood bridge to replace the Baily bridge now crossing Nesowadnehunk Stream on the Kidney Pond road.
  16. A brief meeting was held at the Millinocket office with area biologists concerning coyote predation and predation control policy.
  17. A moratorium on the practice of public canoe storage in Baxter State Park is initiated. Several meetings with local fishermen with canoes in Baxter State Park resulted in a workable solution that will eventually reduce the numbers of private watercraft stored inside Baxter State Park.
  18. Staff from all levels of work met daily with people at the gates, campgrounds and trails and provided pertinent information that was helpful for visitor use.
  19. Park staff worked with an international group that is known as Volunteers for Peace. This group worked within Baxter State Park and received information on the management of a wilderness park by exposure to staff and Park operations.
  20. Park staff made 188,339 personal contacts with the public inside Baxter State Park.
  21. Most complaints in 1993 centered on poor roads, biting insects and conflicts with large camper groups in various Park campgrounds.
  22. The Chief Ranger was involved in various speaking engagements in 1993:
    - 1/08/93 Penobscot Valley High School, Milo, ME
    - 1/13/93 Angler's Club, Yarmouth, ME
    - 2/19/93 Charleston Sled Club, Charleston, ME
    - 2/26/93 A. Howell Wildlife Refuge Supper, Houlton, ME
    - 3/13/93 ME Sportsman's Show, U. of M., Orono, ME

- 5/02/93 E. Millinocket Congregational Church (Seniors night)  
5/26/93 Millinocket Home School Organization  
5/27/93 Patten Elementary School  
6/05/93 Mattawamkeag Park-BSA Camporee  
6/29/93 Kidney Pond Talk  
10/25/93 Presque Isle Rotary Club
23. Illegal Sledding Activity and Accidents  
The weekend of 1/9/93 Ranger Bernard Crabtree advised he found evidences of two sleds going in on the Roaring Brook road and turning around at Chase Field. Park Ranger Loren Goode advised he found evidence of two sleds going down to Abol Beach on that same weekend. Loren thought the same sleds were responsible for both occurrences.

Weekend 1/16/93 Ranger Loren Goode advised he found evidences of three separate snowsled accidents between Katahdin Stream and Nesowadnehunk. No contact was made with any Park personnel regarding these accidents.

Illegal snowsled activity was noted on the discontinued Park road to Nesowadnehunk Lake.

### III SAFETY

1. Opening campgrounds for the season necessitated the removal of blowdowns and hanging limbs. Other public use areas periodically checked to be sure all hazards are removed.
2. Picnic tables were checked for decay and weakness and repaired as needed.
3. Stream bridges and bog bridges were examined and appropriate steps were taken to be sure they were safe.
4. Fireplaces were checked to be sure that any burnable material was removed according to the Maine Forest Service guidelines.
5. All facilities were checked for areas of structural weakness and steps taken to correct any problems.
6. All propane appliances and gas lights were checked for leaks and cleaned as needed.
7. Stovepipes and chimneys were examined to be sure they were safe.
8. All rental canoes were checked over to be sure they meet code specifications as were life preservers and paddles.
9. Education materials were displayed at campgrounds emphasizing special needs and equipment for users of the Park.
10. Structures were examined so plans could be made for necessary repairs for the '94' season.
11. Daily weather information was posted at campgrounds and mountain patrols were made as appropriate.
12. First-aid material was issued and stored at all locations.
13. Long overhanging limbs were cut on the Roaring Brook road and various campgrounds.
14. Safety practices and improvements are discussed at weekly

- staff meetings at Park Headquarters.
15. Park employees are encouraged to wear safety glasses, hard hats, hearing protection and safety belts on Park maintenance and construction projects.

#### IV 1993 NEW CONSTRUCTION REGIONS 1 AND 2

1. A new pit toilet was added at site #1 at Trout Brook and approval was given for the relocation of site #19.
2. Two more toilets were added at outlying sites at Long Pond Outlet and Long Pond Pines.
3. There were new replacement picnic tables added to each campground as part of an on-going process of updating aging tables.
4. Replaced the old cement block chimney at Russell Crew Camp with a metalbestos chimney.
5. A woodshed was added to the bunkhouse at Chimney Pond to store firewood to be used by campers during the winter months.
6. The aluminum framed windows were replaced on the front porch at Chimney Pond, and inside walls were wood paneled.
7. Plywood replaced the board floor in the bunkhouse at Russell Pond.
8. Two single pit toilets were built at Wassataquoik Stream lean-tos and two old ones were destroyed.
9. Constructed a new boat slip for Lower South Branch Ponds.
10. Replaced rotted windows at South Branch Ranger's camp, and also added a skylight to the bunkhouse and crew camp.
11. Constructed three new steel tote sleds to be used for hauling and resupplying back-country areas during the winter months.
12. Modified our old tow-behind grader by adding hydraulic cylinders to lift and lower the blade and also offset grader for ditching. The grader may be used by either the Park or D.O.T. at the north end of the Park.
13. Installed a double vault toilet at Togue Pond at the site of the new gatebooth.
14. Moved and relocated the gatebooth at Togue Pond to the intersection of the Roaring Brook Road. The grounds were leveled and seeded, an antenna set up, signage put in the proper place, the building was painted and guard posts were placed to guide traffic to the traveled portion of the roadway.
15. Constructed new pit toilets at Togue Ledge, Second Lake campsite and the Davigneau Camp at Matagamon Lake.

#### NEW CONSTRUCTION AND REPAIRS - PARK CARPENTER

1. Built lumber storage racks for carpentry shop.
2. Built jigs for registration boxes.
3. Rebuilt door for new closet in conference room at headquarters.
4. Constructed storage racks for blueprints in carpentry shop.

5. Built dust collection box for jointer in carpentry shop.
6. Built picture frames for Director.
7. Rebuilt tool chest so I could organize tools better.
8. Built four sets of pine bunkbeds for Kidney Pond Camps.
9. Constructed a two man outhouse at Togue Pond's gatehouse location.
10. Constructed 21'x15' platform for new gatehouse location at Togue Pond.
11. Constructed back wall on York camp and installed log cabin siding.
12. Built new chimney at 53 camp and took down old chimney.
13. Shingled roof on 53 camp and stripped off old shingles.
14. Installed new skylight in bunkhouse at South Branch Pond.
15. Took out 9 old windows and frames at South Branch Pond Ranger's camp.
16. Cut trim work for skylight and shaped extension jambs for windows.
17. Installed 9 new window units in Ranger's camp at South Branch Pond.
18. Installed all new trim work inside and out on 9 new windows at South Branch Ranger's camp.
19. Shingled roof of crew camp at South Branch Pond.
20. Constructed splayed skylight shaft in crew camp at South Branch Ranger's camp.
21. Constructed display box for safety equipment at mechanic shop.
22. Finished skylight shaft with tongue and groove pine boarding and trimmed with pine molding at South Branch crew camp.
23. Built saw horses for cutting firewood at Chimney Pond.
24. Shingled roof on gas storage building at Nesowadnehunk.
25. Installed a twenty foot long carrying beam over gas shed.
26. Installed 8"x12"x20' carrying beam for second floor over Director's bay in pole barn.
27. Installed new prefabbed 2x4 wall in pole barn to partition off Director's bay.
28. Built tote sled.
29. Built plywood storage boxes for staging, cross braces and handrails.
30. Constructed nine registration boxes.
31. Built new closet in conference room at headquarters.
32. Built wooden tray tool boxes.
33. Constructed display case for bald eagle.
34. Constructed information registration display boxes.
35. Built two tool boxes for truck.
36. Constructed gas storage building at Nesowadnehunk gas pit.
37. Constructed gas registration box.
38. Constructed second floor over Director's bay and over gas storage bay in pole barn to be used for storage.
39. Constructed signs for opening day reservation.
40. Built new covers for tool boxes.



V MAINTENANCE

END OF SEASON REPORT  
TRAIL SUPERVISOR  
1993

Trail Supervisor	Lester C. Kenway
Trail Crew Leader	Tom Shea
Trail Specialist	Joyce M. Schwebach

SCA TRail Crew Members:

Tami K. Brooks, East China, MI  
Brandon J. Cardinal, Bellingham, WA  
Becky K. Clark, Windham, ME  
Megan H. Day, Weston, MA  
David F. Fessler, Alpena, MI  
Tiffany L. Gunnarson, White Hall, MD  
Patrick B. Parton, Sunnyvale, CA  
John M. Schultheis, Indialantic, FL

College Conservation Corps of Maine  
Student Intern - Eric Inman, Franklin, ME

STATISTICS:

Trail Supervisor:

	Hours	Percent
Field Work. . . . .	900	88%
Office. . . . .	31	3%
Support Services. . .	<u>96</u>	<u>9%</u>
Total	1,027	100%

Foot Patrol. . . . . 310 mi.

Service Truck mileage. . 1,067 mi.  
Suburban mileage . . . . 3,150 mi.

Trail Inspected. . . . . 59 mi.  
Cleared of Blowdowns . . 76 mi.  
Cleared of Brush . . . . 31 mi.  
Blazed . . . . . 29 mi.

Treadway Projects. . . . 10  
Bridge Projects. . . . . 7

TOTAL CREW HOURS SPENT ON TRAIL WORK:

Trail Supervisor	555
Trail Crew Leader	349
Trail Specialist	382
SCA	2,767
CCCM Intern	160
CCCM Spring	678

CCCM Summer	1,471
CCCM Fall work trip	126
Other Volunteers	
Freeport High School	102
Neff Volunteers	40
MATC FORCE	280
Sierra Club	360
Frank Trautmann	11
Sanborn	110
Bangor AMC	80
Foster	40
Barlow	40
Pepin	20
Crowe	60
Whitcomb	40
Shedd	4
PATH	112
Holden	20
Burwell	20
Fessler	40
Warner	40
Patterson	30
Dobbs	40
Stillman	40
May	60
Clark	30
Sachak	16
St. Croix	10
Johnson	30
Hartman	35
Dailey	8
Camp Phoenix	
Total	8,226 + hours

#### TRAILS INSPECTED:

Chimney Pond	Wassataquoik Lake (part)
South Turner (in part)	Marston (in part)
Sandy Stream Pond	Lily Pad Pond
Saddle	Grassy Pond
North Peaks (in part)	Daicey Pond Nature
Lookout	Hunt (in part)
Grand Falls	Middle Fowler Pond
Wassataquoik Stream	Fowler Brook
Russell Pond	Lower Fowler Pond (part)
Pogy Notch (in part)	Littlefield Pond (in part)
Freezeout (in part)	

#### TRAILS CLEARED OF BLOWDOWNS:

Hunt (Neff)	Freezeout
The Owl (CCCM)	Martson (CCCM)
Grassy	Mt. Coe (CCCM)
Lost	North Peaks

Appalachian (Trautmann)  
Sentinel  
Windey Pitch (Foster)  
Wassataquoik Lake (Curran)  
Celia (Foster)  
Little Beaver (Foster)  
Polly (Foster)  
Kidney Pond Outlet (Foster)

Northwest Basin (Curran)  
Russell Pond  
Wassataquoik Stream Trail  
Sandy Stream Pond  
Doubletop (CCCM)  
Rocky (Foster)  
OJI  
Howe Brook

#### TRAILS CLEARED OF BRUSH:

Freezeout  
Pogy Notch  
Wassataquoik Lake  
North Peaks  
Northwest Basin  
Russell Pond  
Lookout  
Sentinel

Howe Brook  
OJI  
Kidney Pond Outlet  
Middle Fowler Pond  
Fowler Brook  
Grand Falls  
The Owl  
South Doubletop

#### TRAILS BLAZED:

North Peaks  
Northwest Basin  
Lookout  
Grand Falls  
Pogy Notch

Wassataquoik Lake Trail  
Freezeout  
Middle Fowler Pond  
Fowler Brook

#### TREADWAY PROJECTS:

1. Cathedral: The crew continued to work on the difficult erosion problem at the very top of the Cathedral Trail. 41 rock steps were installed to harden the footpath. (This makes a total of 74 steps in this project to date.) One rock waterbar was built, and about 600 square feet of rip rap was placed to stabilize the soils next to the steps. Less than 10 steps will be required to finish the step work and about 800 additional square feet of rip rap will finish the area quite nicely.
2. South Turner Mt.: This steep trail suffers from accelerated erosion in many places. 14 rock steps and 1 rock waterbar were built on the lower trail, and 5 rock steps and 20 feet of sidehill bench were put in on the upper trail.
3. Hunt Trail: We continued to use rock to stabilize the steep footpath above Katahdin Falls. 22 Steps and 1 waterbar were built using SCA, MATC, and CCCM crews working together. Rock is distant from the trail requiring elaborate cable systems to raise it up to the work site. The 77 steps now in place represent about 1/3 of what will be needed to complete this project.
4. Marston Trail: The CCCM crew continued to reconstruct the lower one mile of this increasingly popular trail. 15 rock

waterbars were built, several older waterbars were improved and about 12 rock steps were put in a muddy place near the first stream crossing.

5. Russell Pond Trail: 80 ft. of bog bridge was replaced about one mile from Roaring Brook.
6. Wassataquoik Stream Trail: Numerous wet holes were bridged with bog bridges in 4 different areas along the center portion on this trail. 595 ft. of bridge were built.
7. Lily Pad Pond: The Crew replaced the canoe landing bog bridge using materials air lifted to the site. Many thanks to winter crew that milled and transported the cedar to the work site. This greatly reduced the time required to build the new bridges. The new bridge is 315 ft. long.
8. Grassy Pond: The crew cut, peeled, and milled material for about 200 ft. of new bog bridge at Grassy Pond. Hopefully the new bridges will be built next season.
9. Sentinel Link: Bog bridges were replaced at two sites on this trail. We used sawn cedar provided by the winter staff. 180 ft. of bridge was constructed in less than 6 hours.
10. Sentinel Trail: Bog bridges were replaced at two locations on this trail. Sawn cedar was brought in by boat and a total of 155 ft. of bridge was built.

#### BRIDGE PROJECTS:

1. Sandy Stream Pond: 3 deck style bridges were replaced at the west outlet of the pond. Materials were brought in by the winter staff with snowsleds. The bridges are 909 ft., 14 ft. and 20 ft. long.
2. Katahdin Falls: This 34 ft. span was replaced. A high line was used to dismantle the old bridge and run new stringers into position.
3. Doubletop Brook: This bridge was removed because it had become unsafe.
4. Russell Pond Trail: Two tethered bog bridges were placed on each side to the island in Wassataquoik Stream. These small bridges provide good crossing to hikers during the summer low water months.
5. Chimney Pond Trail: Ramps were added to each end of the "High Bridge" to facilitate hikers, skiers and snowsleds accessing the bridge.
6. Pamola Springs: One span of this bridge collapsed in July. The broken section has been repaired and is propped up with

a large log and hopefully will serve until the bridge can be replaced in 1994.

#### RELOCATION PROJECTS:

1. Hunt Trail at the Gateway: On August 26, 1993 I received directions from the Director to investigate the condition of the climbing bars on the lower Gateway portion of the Hunt Trail. On September 7, myself and 3 members of the Trail Crew checked out the area and evaluated our options. The climbing bars are arranged in two groups - a lower group of 4 and an upper group of 2. The lower group appeared to be in good shape - I could not move them with numerous sledge hammer blows. The upper group is gone. One of these pins was missing (broken off at the rock surface) prior to 1978, when I came to work at the Park. The other pin has apparently been broken off recently. I have made a photographic record of all the climbing bars, and hope to supply a documentation at a later date.

We were successful in locating and clearing a short (200 ft.) relocation on the south side of the trail that avoids the area requiring the use of the upper two pins. The new route utilizes 3 short ramps to climb the same distance, and I do not believe that any artificial aids will be necessary.

2. Wassataquoik Lean-tos: At the request of Brendan Curran, and upon approval by Chris Drew, we relocated about 400 ft. of the Wassataquoik Stream Trail. The relocation routes the trail along a small hill directly to the stream crossing, instead of through the lean-to area. The lean-tos are accessed by a short spur trail, instead of having all hiker traffic pass through the campsites.
3. Wassataquoik Lake Trail (Center Mtn./Pond Trail): At the direction of Chris Drew, we began flagging and rough clearing a new trail from Nesowadnehunk Field Group Area to the South Branch of Trout Brook. As of the end of October, we have rough-cleared almost 4 miles of trail from Nesowadnehunk to Center Pond. We have finished flag line to a point about 1/2 mile north of Center Pond, and preliminary flag line within 1/2 mile of the trail crossing of the South Branch of Trout Brook. I believe that the new route will provide a superior hiking experience compared to the old trail. There are some short boggy sections, but the long plods down the muddy tote road will be by-passed. There are fine views to be had from numerous vantage points along the new route. Tom Shea, Alison Hramick, and the combined SCA-CCM crew did most of the work on this long term project. We hope to finish the job in the 1994 season.

TRAIL VOLUNTEERS 1993  
INDIVIDUALS - MORE THAN 20 HRS. SERVICE

Robert William Foster, Sr.  
RFD #4, Box 7890  
Gardiner, ME 04345

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

John P. Holden  
RR2, Box 537  
Hudson, ME 04449

John R. Crowe  
6 Moore Ave.  
Worcester, MA 01602

Charles S. Burwell  
RR1, Box 1730  
Dixmont, ME 04932

Philip Pepin  
P.O. Box 536  
Stratton, ME 04982

David F. Fessler  
128 Outer Drive  
Alpena, MI 49707

Jennie Carol-Allen Warner  
15 Walkers Lane  
Kennebunkport, ME 04046

John Barlow  
HCR 79 Box 8  
Orland, ME 04072

Joshua Barlow  
HCR 79 Box 8  
Orland, ME 04072

Elsa J. Sanborn  
P.O. Box 8087  
Bangor, ME 04402

Scott Whitcomb  
21 Shirley Rd.  
Lynn, MA 01904-1621

Donald R. Patterson  
85 Old Town Road #11  
Vernon, CT 06066

Roberta Dobbs  
119 Bear Creek Road N.  
Fort Payne, AL 35967

Gary Stillman  
95 Nuangola Ave. Rt. 8  
Mt. Top, PA 18707

Rebecca K. Clark  
24 Swett Rd.  
Windham, ME 04062

Paul P. Johnson, Jr.  
RR1, Box 680  
Monmouth, ME 04259

Sonja K. Hartmann  
55 Stornoway  
Chappaqua, NY 10514

MATC FOOTPATH RECOVERY CREW - 30 HRS

Mark Taylor  
4680 County Rd. 154  
Glenwood Springs, CO 81601

Joanna May  
Box 225 B Philhower Rd.  
Lebanon, NJ 08833

John Place  
597 Quanapoag Rd.  
E. Freetown, MA 02717

Mark Taylor  
3906 Dabney Ave.  
Montgomery, AL 36111

Lindsey Smith  
6 Center Rd.  
Kirksville, MO 63501

Scott Riddick  
2135 Verser Rd. Stavemill  
Powhatan, VA 23139

Joe  
(No address)

Kevin Crisler  
Box 766  
Alexander City, AL 35010

SIERRA CLUB - 35 HRS.

Mathew Terribile  
305 Lindenhurst Dr. #23121  
Lexington, KY 40509

Dian Dieterle  
4 Rambling Road  
Northport, NY 11768

Thomas Shoemith  
8 St. Mark's Place  
New York, NY 10003

Patrick Gelmetti  
Box 23121  
Alexandria, VA 22304

David Terribile  
244 53rd St.  
Brooklyn, NY 11220

Robert Kaszas  
133 Old Town Rd.  
Ashford, CT 06258 2020

Mary Holmes  
903 Timber Oaks Rd.  
Edison, NJ 08820 4203

Elizabeth W. King  
6246 Blaver  
San Jose, CA 95135

Daniel P. Kirby  
Apt. 5 475 Highland Ave.  
Malden, MA 02148

Richard Oliver  
6246 Blaver  
San Jose, CA 95135

Frank Paolicelli  
4 Rambling Road  
Northport, NY 11768

Karen Shea  
1465 Hooksett  
Hooksett, NH 03106

BANGOR AMC COMMITTEE - 8 HRS.

Marianna Stockly  
Shirley Ellis  
Dick Hale  
Margaret Timothy  
Mike Good  
Harry Cunningham

Ben Tupper  
Scotty Folger  
Rick Chalmers  
Michelle Chalmers  
Susan Garrettson

FREEPORT HIGH SCHOOL - 6 HRS.

Reggie Gowell  
Fauna Gallant  
Miriam Timbres  
Matt Escorsio  
Zane Campbell  
Sam Wagner  
Vanessa Gabriele  
Walter Libby  
Janet Crowe

Megham Arsenault  
Bobbi Brewer  
Aaron Hodsdon  
Gabe Davis  
Dom Petrillo  
Matt Fickett  
Augustina Lorenzo  
Allen Irish

PENOBSCOT AREA TREKKERS AND HIKERS - PATH - 12 HRS.

Susan Bodyke  
Marcelle Coffin  
Derek Johnson  
Ken Nagle

Jim Kadin  
Bobbi Smith  
Sandy Johson  
Ellen Kift

COLLEGE CONSERVATION CORPS OF MAINE - SPRING SESSION - 70 HRS.

Leaders: Rich Bouchard, Wes Crane, Alison Hramick

Arvard Creasey  
Chris Loring  
Steve Miliken  
Richard Chase  
Mark Darling  
Shayne Doughty

Marie Arnold  
Eric Inman  
Dan Morgan  
Philip Boyde  
Jason McIntyre

COLLEGE CONSERVATION CORPS OF MAINE - 7 WEEK TRAIL CREW

Alison Hramick - Leader

Amanda Baston  
Kyle Johnson  
Daryl Tapping  
Billy Jo Powell

Mahlon Libby  
Karen Penik  
Ben Thompson

NOTES:

1993 may have been the most productive year on record for the Trail Crew. For the first time ever, we had everyone in the SCA program stay for the entire season. We also benefited by having two additional crew leaders working with the crew. This combined with a capable CCCM crew and a good compliment of volunteer helped us accomplish a lot of trail work.

We counted over 8226 hours of trail work (33% increase over 1992, making for a 60% increase in trail work over the past 2 years). Over 110 people were involved with trail work at Baxter park during the past season. We continue to make progress maintaining trails over much of the Park.

CCCM made a very significant contribution on trails in the Nesowadnehunk area, particularly on the Marston Trail, and in clearing the new relocation of the Wassataquoik Lake TRail.

We are most grateful for the 2 Trail Crew Vehicles that were available this summer. The refurbished Service Truck was extremely helpful. The tool boxes hold a lot and help us keep things organized. Thanks to Tim for putting it in great shape for the summer. The Suburban continues to provide reliable and safe transportation for the crew. Since we were transporting 13 people on a regular basis, both vehicles were much needed and appreciated.



Tom Shea deserves recognition for a job well done this summer. He is very capable and fun to work with. I believe he plans to return to the Park next year.

Joyce Schwebach was a fine asset to our program. She covered weekend volunteer groups and led many projects during the summer. In addition to being a skilled work leader, she has good mechanical skills and helped keep our power tools running. I very much hope that the Park can continue to support additional Trail Specialists in the future.

I think my new season has been a big help in getting more trail work done, and getting around to see more of the trails. My hiking mileage is nearly twice what it was in 1992, and I was able to work with numerous volunteers in October to extend our work season during the nice fall weather.

#### CONCLUSION:

It has been very satisfying to see so much accomplished. I am glad to see our trail effort approaching what is necessary to take proper care of the trails. I must extend thanks to all the BSP staff and volunteers that have helped make it all possible. Thank you in particular to Chris Drew for his support and help through the season.

Respectfully submitted,

Lester C. Kenway  
Trail Supervisor  
November 15, 1993

REGION AND CAMPGROUND MAINTENANCE REPORT  
PARK RANGER MAINTENANCE REPORT  
BARRY MACARTHUR  
THOMAS CHASE  
CHARLIE KENNEY

#### MAINTENANCE - REGION I

1. Assisted transporting bridging material for Sandy Stream Pond to Roaring Brook to be moved by snowsled during the winter.
2. Worked building steel totesleds to be used to resupply and transport materials to remote locations throughout the Park.
3. Burned wood material at site of old South Branch dump.
4. Assisted with minor projects at Millinocket Support Services including snowsled repair, vehicle repair and equipment repair.
5. Worked compiling information and putting it together to be used in the Annual Report.
6. Participated in the receipt of 500 acres of land from

- Georgia Pacific of perimeter of Togue Pond, through Governor's press release in Augusta.
7. Worked as Duty Officer as scheduled checking buildings in Millinocket and monitoring radio in order to respond to emergencies or unusual situations.
  8. Worked getting buildings and garage cleaned out and ready for winter use.
  9. Routinely patrolled Park roads and back country checking hunters and for illegal hunting activity both in the game preserve and areas that are legal to hunt in.
  10. Placed snowsled and skiing registration at Matagamon Parking lot so Park users can register for use during the winter season.
  11. Cut blowdowns on Perimeter Road and some back country trails including Russell Pond winter trail and the Black Brook trail.
  12. Assisted plowing snow and sanding at the Millinocket office, Support Services complex and warehouse.
  13. Checked on and made contact with winter campers and day-users.
  14. Moved more footbridge material to location on Golden Road to be picked up by snowsled and hauled to Roaring Brook.
  15. Worked on budget for work program for fiscal year 1994.
  16. Worked on snowsleds and totesleds making necessary repairs when appropriate and modifying for our needs.
  17. Checked fishermen on Webster Lake and Matagamon Lake at various times during the regular ice fishing season.
  18. Worked in roaring Brook area moving bridging material to location in Sandy Stream Pond and Pamola Brook.
  19. Assisted 192nd Company with the transporting of firewood and lumber for a woodshed for the Chimney Pond bunkhouse to Chimney Pond.
  20. Hauled propane from one side of Webster lake to camp on Webster. Also hauling roof material for second roof over old one by snowsled.
  21. Hauled firewood to Webster lake camp.
  22. Broke winter trail to Russell Pond and prepared trail for hauling supplies in and hauling out non-burnable out (old chimney blocks and metal trash from old dump near site #3).
  23. Hauled a year supply of propane to Russell. Broke trail to Wassataquoik Stream lean-tos and later hauled material in for 2 new outhouses.
  24. Hauled firewood over to bunkhouse at Russell to be used by winter campers. Cut and hauled firewood for Russell for the next season.
  25. Turned over canoe at upper South Branch that had been blown upright and was half full of ice.
  26. Worked on the design of woodshed that was to be built onto the bunkhouse at Chimney Pond.
  27. Picked up floor sander at Sherman Lumber and took it to Trout Brook to be used to sand parts of floor in administrative building by volunteer Rick Bray.
  28. Assisted transporting Wilderness Rescue and Masar dogs returning from Chimney Pond to the Golden Road.
  29. Varnished floor at Trout Brook that had been sanded by vol-

unteer.

30. Assisted carpenter in Millinocket with minor projects.
31. Assisted carpenter in Millinocket setting up a dust collection in the wood working area.
32. Broke snowsled trail to Long Pond and hauled outhouse material to Pine site and Outlet site to be built during the summer.
33. Hauled plywood by snowmobile to Trout Brook garage to be used to store and organize tools over the work bench.
34. Cleaned garage at Trout Brook and installed plywood over bench.
35. Built nail bins at Trout Brook garage so as to place and sort nails in a more organized manner.
36. Assisted 53 by hauling out broken sled using the new double track from Matagamom snowsled building.
37. Shoveled off buildings as required at various locations.
38. Patrolled to Nesowadnehunk and Slide Dam area informing winter parties of a dangerous snowstorm predicted by the national weather service on March 13.
39. Worked setting up schedules for the upcoming '93' season.
40. Hauled toilet lumber material to Second Lake site on Matagamom Lake, and also material for outhouse to be replaced behind Davigneau Camp.
41. Cut and hauled bog bridge material for ankle-knocker bridge at Russell Pond for repairing purposes.
42. Started working on, repairing and modifying our old tow-behind grader for our use and also to be used by Department of Transportation crews at the northern end of the Park to be used during the summer season to assist with the road-grading at that end of the Park.
43. Worked on backhoe replacing hydraulic hoses, greasing and pressure washing and getting it ready for the coming season.
44. Worked on the 966 catapillar loader cleaning, greasing, checking over and repairing the turbo-charger.
45. Hauled outhouse material for walk-in site #1 at Trout Brook.
46. Worked in Millinocket assisting carpenter build bunkbeds for camp at Kidney Pond.
47. Helped paint ceiling at Millinocket office complex.
48. Assisted splitting 14 cord firewood for Support Services complex in Millinocket. (Large maple, beech and birch buttwood.)
49. Installed blue lights in vehicles and serviced electronic equipment.
50. Worked on various reports dealing with budget, planned work projects and other matters dealing with personnel.
51. Worked repairing horizontal knife on hydraulic wood-splitter also servicing the splitter and getting it ready for use.
52. Worked assisting 112th with flight at Togue Pond for material flown to Chimney Pond and Russell. Also material was flown back out from the Lilypad Pond project to Kidney Pond.
53. Sanded and varnished kitchen and living room floors at Martin camp on Matagamom Lake.
54. Worked at site of relocation of the Togue Pond gatebooth at Togue Pond, hauling gravel, leveling and seeding down. The gatebooth was jacked up and moved to a new location about

200 yards further up the road to the intersection of the Perimeter Road and the roaring Brook road. Arrangements were made for an antenna and grounds were raked. Guard posts were installed to help outline road system and possibly prevent vehicles from venturing to far out off the roadway. Rocks were appropriately for protection of personnel. Trees were trimmed. Propane was reinstalled. Gatehouse was painted.

55. Sorted cedar logs at Abol pit and hauled them to Kidney Pond for use on buildings.
56. Assisted with coverage of campgrounds due to lack of personnel because of sickness or shutdown requirements.
57. Installed double-vault toilet at intersection near gatebooth at Togue Pond.
58. Installed appropriate signage for gatebooth recognition at Togue Pond.
59. Assisted with checking in campers and day-users at Togue Pond during peak times early morning.
60. Repaired 40 h.p. outboard motor after water damage. A short block was needed and put in at Lougee's marine. Tune-up was also done before use.
61. Assisted 70 installing gate at South Branch crossing to prevent motorists from traveling on the road from there to intersection of Dwelly Trail near Camp Phoenix.
62. Cedar lumber material for porch decking and picnic tables were distributed to the appropriate locations.
63. Assisted transporting volunteers from the 112th to Webster Lake. Assisting in moving supplies.
64. Hauled gravel and leveled for a turn-a-round for large vehicles about a quarter mile toward Roaring Brook on the Roaring Brook road.
65. Worked checking fishermen and hikers in the Fowler and Long Pond areas.
66. Checked hikers and fisherman on Matagamon. Also monitored canoe traffic on Webster Stream.
67. Cleaned sites by raking and cleaning out fireplaces and also cleaning toilets wherever they were located.
68. Hauled necessary remaining cement blocks to the Davigneau Camp on Second Matagamon Lake to be used for jacking the main sections of the building and support for posting.
69. Continued monitoring cutting activity along the East Boundary.
70. Continued monitoring fishing activity on East Branch on old Fowler Pond trail.
71. Hauled load of hemlock for surface of Kidney Pond Bridge.
72. Assisted with routine maintenance and patrol of the Togue Pond Beach and surrounding facilities.
73. Assisted Inland Fish and Wildlife by lending bear trap to Matagamon Wilderness store to take care of bear problem.
74. Checked on volunteers Tom Goetz and Jim Barden as they jacked and leveled Davigneau Camp on Second Lake.
75. Worked cleaning out cement building at Togue Pond hauling trash, metals, glass, and old stove or cement products to the recycling center in Millinocket.
76. Patrolled trails in Roaring Brook and Chimney Pond areas and

- covered campgrounds as needed.
77. Worked with volunteers at various times throughout the summer locating projects and providing tools and materials.
  78. Assisted with the distribution of firewood to various campgrounds in the Park including hauling firewood to South Branch after all the firewood for resale at McCarthy Field had been used up and it had to be brought up from Abol Pit.
  79. Put culvert in at the gatebooth at Togue Pond to handle water coming from the rain gutters.
  80. Cut peeled and painted flagpole for use at Togue Pond gatehouse.
  81. Alternated with other Park Rangers picking up daily, weekly and monthly reports from locations along the Perimeter Road.
  82. Assisted rip-rapping bank erosion problems along Nesowadnehunk Stream where road exists close to the bank.
  83. Assisted installing double vault toilet in parking lot at Kidney Pond using the backhoe.
  84. Assisted vehicle delivering toilet vaults to Abol, Kidney Pond and Nesowadnehunk Field.
  85. Placed rock as needed in Kidney Pond area to curtail vehicle and foot traffic.
  86. Loaded rock on flatbed hauling to Katahdin Stream area to be used for erosion control purposes in campground area.
  87. Repaired road at Daicey Pond parking lot by cleaning out culvert with backhoe and grading.
  88. Dug out single vault toilet at Abol and took it to Kidney Pond, installing it to be used by area personnel.
  89. Assisted stripping up old surface planking on Kidney Pond bridge and replaced it with new hemlock planking.
  90. Delivered live bear trap from South Branch to Katahdin Stream in an attempt to deal with a bear problem.
  91. Worked with a local soil scientist in trying to update the septic system at the cement building at Togue Pond and prepare the necessary forms and permits.
  92. Investigated report of vehicle having compromised security by traveling over the burm blocking an old Park entrance near Nesowadnehunk Lake. (Appears to be some type of all-terrain vehicle, probably over the road type.) Large rocks were later placed to prohibit any such travel.
  93. Inspected minor fire damage to bunkhouse at Roaring Brook. Covering was placed over burned area temporarily while remodeling is being considered.
  94. Assisted 58 resetting toilet vault at Ledge Falls, leveling and resetting building changing door opening.
  95. Shingled fuel building at Abol Pond.
  96. Loaded, hauled and graded gravel for road relocation on a short stretch of road behind the old Telos gate area.
  97. Removed boat from Matagamon Lake and straightened out the foot that had been damaged by rocking motion of the waves after the water had come in over the back and forced the boat to rest on the bottom.
  98. Worked trying to set up a Search and Rescue training session to be held later in the fall. A high angle rescue and lost and injured individual were to be the goal. All associated rescue units were to be involved.

99. Assisted individual cutting up firewood for resale by helping move some heavy equipment and providing string to tie bundles.
100. Assisted contract individual for mowing roadside with new style bushhog by delivering appropriate signage and coordinating efforts.
101. Built racks for hauling long-length material on new vehicle 59.
102. Assisted shingling lean-tos at Roaring Brook.
103. Loaded 3 cord of firewood on trailer that was later flown to Chimney Pond to be used during the winter months.
104. Assisted delivering old trucks and snowsleds to Augusta to auction.
105. Dug out double vault at Matagamon landing and relocated it closer to the road and a more suitable user location. Ground was leveled raked and seeded down.
106. Reset two culverts along Trout Brook on the Perimeter Road.
107. Repaired bearings on roadside mower at McCarthy Field.
108. Assisted with flight of firewood and supplies to Chimney Pond. 5 canoes were brought out from Six Ponds, Wassataquoik Lake and Pogy Pond.
109. Hauled gravel to help cover dump at Foster Field.
110. Assisted removing old cement slab at Togue Pond where gatehouse used to be, also grading around camp and seeding grounds.
111. Replaced 50' culvert at Abol Campground.
112. Hauled gravel from Abol Pit to Rum Mt. to cover wood receiving area.
113. Hauled lean-to materials to north side of Webster Lake to be delivered to mid-Webster site by snowsled.
114. Hauled 2-sided bridging material to Togue Pond pit to be bundled and later flown to Basin Ponds to replace a 388' footbridge. Also round log materials were bundled and ready for flight.
115. Replaced some log fencing at Togue Pond beach with rocks.
116. Delivered 6 propane to South Branch to be hauled to Russell during the winter months.
117. Worked with members of 112th trying to develop slings that that could be used to deliver bridging material from Caribou Pit to Chimney Pond.

CHIMNEY POND - (Esther Hendrickson CRI, Stewart Guay CA)

1. Spring opening included cleaning camps, hooking up water, cleaning toilets, cleaning and washing bunkhouse after the long winter camping activity.
2. Signs were painted and placed as needed.
3. Blowdowns on the Cathedral and saddle trails were cleared and trails checked to be sure they were ready for the upcoming season.
4. The radio system was checked including antenna, solar panels, and batteries.
5. Shingles on the roof torn off by high winds the previous winter were replaced.
6. Firewood brought up the previous winter was taken care of and stored in the appropriate storage areas.

7. The outhouses were scraped and stained.
8. The trails to Davis Ponds and North Peaks were patrolled for litter and cleared of blowdowns.
9. The office and porch were readied with education material, cleaned, scraped and painted.
10. Composting of human waste was continued taking care of waste accrued during the previous winter as was waste accrued during the summer.
11. A new double outhouse was fitted with a bin receiving human waste.
12. Made minor repairs to footbridges in and around Chimney Pond.
13. Routine minor repairs were made to facilities as needed including caulking windows and repairing steps.
14. Scraped and stained the fireshed.
15. Erosion control measures included placing brush or rocks in areas where foot traffic is not desirable.
16. The old aluminum windows on the back porch were replaced by 4 wood frame windows.
17. Repaired lean-to roof boards as needed.
18. Removed the old cement block chimney from the crew camp and blackened the wood stove.
19. Metalbestos chimney was installed in the crew camp.
20. Shingled the roof on the crew camp.
21. Stained new woodshed on bunkhouse.
22. Insulated the front wall of the Ranger's camp where windows had been installed and placed tongue and groove paneling.
23. Repaired floor of bunkhouse and painted and hung door for woodshed.
24. Put wood preservative on outhouse floors, and lean-to floors and sills.
25. Daily activities included cleaning toilets checking campers and hikers and completing required daily, weekly, monthly reports.
26. Closed campground by putting skirting around camp, draining waterline, readying firewood, winterizing facilities.

ROARING BROOK - (Greg Hamer CRI, Joan Roberts CA)

1. Campground opening activity included cleaning sites and toilets, organizing the workshop after winter use, getting water for personal use, cleaning facilities, putting signs out, and getting education material ready on the porch and in the office.
2. The flagpole received a new coat of paint.
3. The Avalanche Field group area was cleaned and readied for use.
4. The day-use areas at Rum Brook and Togue Pond received clean-up attention.
5. The outhouse (pit toilet) for the trail crew was removed as a new sealed vault had replaced it.
6. The old woodshed and storage building were removed and destroyed.
7. Firewood was begun to be cut for seasonal use as well as for use at Chimney Pond approximately 3 3/4 cord (to be transferred via snowsled during the winter months).
8. Removed trash and debris brought down from Chimney Pond to

- the Millinocket transfer station.
9. Drainage ditches were cleared of natural debris.
  10. Assisted on the relocation of Togue Pond Gatebooth.
  11. Worked on some erosion control along the sites on the brook.
  12. Reshingled the following lean-tos: 1,2,3,5,7,11 at Roaring Brook, and lean-tos 1 and 3 at Avalanche Field.
  13. Jacked up part of garage/workshop that had settled the previous winter.
  14. Removed nails from lean-tos as required.
  15. Remarked tools according to SOP color codes.
  16. Put together picnic tables to be used at various locations.
  17. Built screens for Ranger's camp replacing old deteriorated ones.
  18. Replaced sign posts at various locations and stained them.
  19. Stained all 12 lean-tos at Roaring Brook and 2 at Avalanche Field.
  20. Started trimming branches along Roaring Brook road.
  21. Trimmed some trees in campground as needed.
  22. Painted all the inside of the crew camp.
  23. Rehung door on the crew camp.
  24. Built and replaced screen door on Ranger's camp.
  25. Placed rocks at various locations in campground to curb vehicle traffic as erosion control.
  26. Put firewood in garage area for winter hauling.
  27. Assisted with maintenance and cleaning of Togue Pond beach.
  28. Cut blowdowns on local trails including nature trail.
  29. Jacked up lean-tos and leveled as needed.
  30. Continued to haul firewood for resale to campers continuously throughout the summer season.
  31. Hauled firewood and put it on porch to be used by winter campers.
  32. Assisted shingling gas shed at Abol Pond fuel facility.
  33. Assisted with toilet vault pump-out as required during the season.
  34. Performed routine toilet cleaning during the season daily and as required.
  35. Completed daily, weekly and monthly reports as required.
  36. Drained water systems and winterized as needed.

RUSSELL POND - (Brendan Curran CRI, Jack Sheltmire CA)

1. Opening included cleaning employee facilities, getting waterlines working, cleaning toilets and campsites, cleaning the bunkhouse, getting educational material ready for public use.
2. Sorted and stored requisitions brought in from the previous winter.
3. Patrolled area trails removing blowdowns and cleaning trails of litter and brush.
4. Checked area ponds where canoes are stored and prepared them for use.
5. Checked sites at Wassataquoik Lake, Wassataquoik Stream, Pogy Pond, and Little Wassataquoik Lake cleaning toilets and lean-tos and raking sites.
6. Readied canoes, paddles and life preservers at Russell.
7. Stained lean-tos 2 and 3.



8. Repaired footbridges in campground and nearby trails.
9. Assisted taking second Discovery canoe to Wassataquoik Lake.
10. Built shelves for educational material in office of Ranger's camp.
11. Replaced lockset in bunkhouse with no key type.
12. Leveled and shimmed bunkhouse and lean-tos as needed.
13. Replaced sill on one lean-to at Wassataquoik Stream.
14. Removed old bridge cribbing on Turner Brook on Russell Pond Trail.
15. Continued to remove and store non-burnable trash to be hauled out.
16. Assisted trail crew with relocation of trail near Wassataquoik Stream lean-tos (a short stretch at Wassataquoik Crossing).
17. Painted trim on office door and windows.
18. Removed two old privies at Wassataquoik Stream lean-tos.
19. Removed two replaced privies at Russell Pond.
20. Backpacked several loads of lumber from Wassataquoik Stream.
21. Built storage box for first-aid material in office.
22. Built and installed shelves in crew camp.
23. Stained outhouses at Wassataquoik Stream.
24. Removed more old cans and bottles from old dump at Russell Pond behind lean-to 3.
25. Cut and peeled spruce and built canoe racks at Pogy Pond.
26. Improved canoe racks at Russell with new rollers.
27. Removed carvings from campground lean-tos, and lean-tos in outlying sites.
28. Continued to clean and monitor use of area outlying sites throughout the season.
29. Removed old privy used at Ranger station.
30. Removed old cement block chimney from crew camp, and installed a new metalbestos chimney and replaced stovepipe.
31. Cleaned and service chainsaws.
32. Organized workshop and tools.
33. Secured canoes, paddles and life preservers for the winter.
34. Performed daily cleaning procedures on campground facilities and filled out daily, weekly and monthly reports as required.
35. Assisted flagging proposed relocation of trail around Wassataquoik Lake putting most of trail up away from the rocky shore.
36. Supervised various volunteer personal during the season.

SOUTH BRANCH POND - (Keith Smith CRI, Jonathan Milne CA)

1. Opened campground by cleaning employee facilities as well as toilets, lean-tos, and the workshop area; hooking up the water and raking sites.
2. Put boats and outboard motors in Upper and Lower South Branch.
3. Went over canoes, paddles and life preservers and got them ready for the coming season.
4. Cleaned and scrubbed bunkhouse painting the floor and window trim, also repairing steps.
5. Painted office porch on Ranger's camp along with shelves and trim.

6. Stained lean-to steps and interior platforms.
7. Stained lean-to steps and interior platforms.
8. Scraped painted and launched the swim dock and float.
9. Cut and peeled spruce poles to be used for sign posts and other minor projects.
10. Worked with rocks along beach for erosion control measures.
11. Replaced screen door and window screens on crew camp.
12. Checked and cleaned canoe site and lean-to on Upper South Branch.
13. Replaced and repaired bog bridges on area trails as needed.
14. Scraped, sanded and painted wall locker and bureau.
15. Assisted with pump-out of toilet vaults.
16. Put educational displays on porch and in office.
17. Mowed areas at South Branch, Burnt Mt., Trout Brook Crossing as needed.
18. Assisted with camper check-in coverage at Trout Brook.
19. Cleaned and repaired propane appliances as needed.
20. Used rocks and other material in day use area to restrict foot traffic as part of erosion control.
21. Tilled, seeded and mulched lawn at Ranger station;
22. Repaired canoe racks by replacing posts.
23. Used gravel to fill potholes.
24. Cleaned up around garage at McCarthy Field after firewood for resale had been cut, split and put in garage.
25. Continue supplying firewood for resale for campgrounds.
26. Painted and replaced picnic tables as needed.
27. Assisted replacing windows in Ranger station.
28. Installed skylights in both the crew camp and bunkhouse.
29. Shingled lean-to 8, stripping and installing drip edge.
30. Hauled all old windows and construction debris to Mt. Chase landfill.
31. Shingled roof on crew camp.
32. Winterized employee facilities by draining waterlines and adding non-toxic and antifreeze where appropriate.
33. Stored all canoes, boats, motors, paddles and preservers for the winter also filling bunkhouse and garage with firewood.
34. Throughout the season daily, weekly and monthly reports were maintained as required. Also toilet facilities, fireplaces, lean-tos and sites were either cleaned or raked on a daily basis.
35. Finished laying bathroom floor in CRI Ranger's camp.
36. Made "No tenting" signs and placed them in problem areas.

TROUT BROOK - (Thomas Edes CRI)

1. In the continuing process of trying to wean Park users to the carry-in and carry-out policy, dumpsters were relocated to another area. Reliance on dumpsters has diminished.
2. Rebuilt screen door on Ranger's camp.
3. Mowed area sites as necessary.
4. Attended the spring meeting and orientation.
5. Assisted motorists with vehicle problems.
6. Maintained clean fireplaces, sites and toilets on a daily basis.
7. Recorded daily, weekly and monthly reports as required.
8. Built 3 sets of shelves for office in CRI building and in-



Rum Mt.

2. Repairs to sleds as needed, built new totesled, modified and repaired totesleds, drags and snowsled ramps, built passenger seat for new double track.
3. Welded protection screening for pickup rear window.
4. Cleared site for woodshed near Forestry camp.
5. Modified new legs for pickup toolboxes.
6. Built generator cover box.
7. Prepared Sandy Stream and Chimney Pond trails for winter hauling, shoveled and groomed trail.
8. Built temporary winter bridges at Sandy Stream.
9. Cleared and cleaned Perimeter and Roaring Brook roads of blowdowns.
10. Built shelves for welding bench.
11. Hauled cedar bridge materials from Roaring Brook parking lot to Sandy Stream (several cords of cedar).
12. Transported firewood (2 cords) and packaged lumber to Chimney Pond.
13. Hauled bridge decking and long cedar logs from Roaring Brook to top of Snub Pitch on Chimney Pond trail.
14. Assisted mechanic with pulling of heads on case backhoe.
15. Hauled repair materials at Kidney Pond across Pond to OJI camp, cut and hauled logs for repairs.
16. Cut and split firewood for camps.
17. Changed over seasonal signs (winter signs to summer signs).
18. Painted ceilings in downstairs offices of Headquarters.
19. Assisted with tow-behind grader modifications.
20. Assisted splitting firewood at Support Services complex.
21. Repairs to Togue Pond Beach sign.
22. Weld repairs of side rail, UMO canoe trailer.
23. Hauled gravel, made repairs to road system, filled washouts, reset culverts to make Park road passable.
24. Cleared plugged culvert (beaver problems) on Roaring Brook road.
25. Hooked up and turned on water at Nesowadnehunk Ranger facilities.
26. Jacked up and moved woodshed to Gatekeeper crew camp area and set on cement.
27. Hauled repair materials to Kidney Pond (several trips).
28. Hauled new refrigerator and new hot water heater to Nesowadnehunk Field.
29. Cleaned cellar at Nesowadnehunk, moved wood, etc.
30. Repaired outhouse floors at Nesowadnehunk Campground.
31. Built wall brackets and mounted hot water heater at Nesowadnehunk year round camp.
32. Mowed lawns.
33. Prefabricated fireplaces.
34. Tore up, hauled away and relaid treading of Kidney Pond bridge.
35. Set rocks at Togue Pond Beach, Nesowadnehunk Campground, Kattahdin Campground, Kidney Pond, Williams Pond road, West Gate area, Telos Gate, Trout Brook Crossing.
36. Escorted vault truck; set two vaults at Kidney Pond and Nesowadnehunk walk-in sites.
37. Relocated complete outhouse in Nesowadnehunk group area.

38. Corrected information on AT bulletin board at Abol Bridge.
39. Dug out culvert at Daicey Pond, established waterbars on hill.
40. Relocated outhouse and vault at Abol to Kidney Pond.
41. Backfilled toilets at Abol, Nesowadnehunk, Kidney Pond Campgrounds.
42. Cut and hauled spruce logs from Tracey Pit area to Kidney Pond.
43. Hauled cedar logs into Katahdin Stream walk-in campsites.
44. Ledge Falls outhouse reset; moved building, dug out vault, reset vault, reset building, regravelled outhouse/parking areas.
45. Cut brush, hauled gravel, rebuilt road near Telos Gatehouse site.
46. Measured lean-to and outhouse for repairs at Little Wassataquoik Lake.
47. Constructed manhole drainage system near lean-to #9 at Katahdin Stream.
48. Constructed plywood water heater enclosure for Nesowadnehunk Field year round camp.
49. Loaded and hauled old culverts from roadside to various land fill sites.
50. Seasonal water drainage of campgrounds.
51. Dismantled furnace system at Nesowadnehunk year round camp.
52. Matagamon Landing outhouse reset; moved building, dug out vault, reset vault, reset building, regravelled outhouse area.
53. Assisted DOT resetting culverts.
54. Drew up blueprint of dumpster carriers for National Park Service.
55. Transported twelve propane cylinders to Chimney Pond.
56. Hauled summer supplies to Chimney Pond by sled.
57. Changed seasonal signs.
58. Assisted with various maintenance jobs at Support Services building.
59. Routine filling of Support Services furnace. Plowing and blowing of snow at Headquarters, Support Services yards.
59. Charging of propane tanks at various locations.
60. Assisted at Headquarters with signage for opening day of reservations.
61. Flagged out line near Caribou Pit for GNP road potential.
62. Converted equipment and equipped new truck 943-029 from from truck 943-004.
63. Moved lumber from Millinocket to Roaring Brook.
64. Installed vent pipe on Togue Gate for water heater.
65. Assisted with Carpenter Shop vacuum system.
66. Put together video cassette storage cabinet.
67. Put up insulation in Nesowadnehunk Stream Park Ranger camp.
68. Assisted with installation of overhead door at garage.
69. Built work bench and shelving for camp shop at Togue Pond.
70. Routine Ranger coverage of winter parties at Chimney Pond.
71. Assisted with construction of registration boxes.
72. Shoveled roofs of camps as needed.
73. Flagged ski trail from Foss Knowlton Ponds to Lost Pond.
74. Hauled chairs to Chimney Pond.

75. Split wood for Support Services building.
76. Assisted with repairs to buildings, porches, etc., at Kidney and Daicey Ponds.
77. Repaired canoe seats.
78. Plumbed up shower and water heater at Nesowadnehunk Stream Ranger's camp.
79. Assisted with replacing treadway on Kidney Pond bridge.
80. Assisted with building of new gas shed at Nesowadnehunk.
81. Cut and stacked materials for Basin Ponds bridges.
82. Hauled and delivered numerous pickup loads of firewood through Park (30 to 40 cords).
83. Cut to 7' lengths and hauled 3 cords firewood for Chimney Pond.
84. Stacked wood on porches of winter camping facilities.
85. Hauled propane for winter use to Chimney, Togue Pond and Roaring Brook Campground.
86. Assisted helicopter crews 112th and 192nd load supplies for Chimney and Russell Ponds.
87. Escorted Art York trucking throughout Park delivering long length wood to Daicey and Kidney Ponds.
88. Prepared Togue workshop for feeding station for helicopter crew.
89. Servicing, checking, repairing of chainsaws, lawnmowers, generators, trucks, tractors, etc.
90. Seasonal movement of tractors at Millinocket to the Park and vice versa.
91. Installation, modifying, repairing of radios and truck antennas.
92. Researched DC and AC waterpump specifications.
93. Served and maintained twelve solar battery systems throughout Park.
94. Prefabricated battery boxes for solar radio system.
95. Serviced and hooked up seasonal water systems.
96. Transported junk materials to Millinocket transfer station.
97. Limed septic waste disposal areas.
98. Routine cleaning of Togue Beach and manning of campgrounds as needed.
99. Hauled twelve loads of gravel to Foster Field landfill. Hauled twelve loads of gravel to Rum Mt. landfill.
100. Assisted DOT with installation of culverts along perimeter road.
101. Cleaned up cedar ends and junk wood at Abol Pit.
102. Washed and waxed trucks.
103. Dug out beaver dams at Togue and Roaring Brook roads.
104. Covered and graded landfills at Foster Field and Rum Mt. landfills.

Maintenance involves considerable amounts of time. Many projects were accomplished. They include:

#### KATAHDIN STREAM - (Mac Browning CRI, Jodie Browning CA)

1. Routine opening and closing of campground.
2. Planted trees between sites 23 and 22.

3. Graded roads throughout campground.
4. Replaced main waterline to cabins.
5. Staining of picnic tables (18), lean-tos (10), walk-in area gate.
6. Staining of bunkhouse, painting interior (walls, ceiling, floor).
7. Replaced all windows and screens in bunkhouse.
8. Built (resale) wood shelter on Ranger station.
9. Partitioned porch on Ranger station porch.
10. Rebuilt cribwork and reclaimed (6) sites, hauled gravel, etc.
11. Replaced (6) fire pits.
12. Replaced hot water heater in Ranger station.
13. Made new signs for spare sites.
14. Put up Grassy Pond hiking register box.
15. Erosion control around dam area.
16. Replaced 3 picnic tables.
17. Made (2) new screens and (1) screen door for Ranger station.
18. Shoveled out sand, sticks and debris from Kat. Stream Pond.
19. Assisted replacing sill on Abol woodshed.
20. Cut, split and stacked 2 cords firewood for Ranger station.
21. Replaced toilet in Ranger station.
22. Repaired waterline to DOT camp.
23. Constructed waterbar and drainage system near lean-to #9.
24. Cleaned up all debris from around Ranger station/garage area.
25. Put firewood on porch for winter use.

ABOL CAMPGROUND - (Brian Johnston CRI, Troy Dow CA)

1. Routine opening and closing of campground.
2. Repaired storm damage to toilet door.
3. Scraped Ranger station porch, floors and painted.
4. Painted entire interior of back porch.
5. Raked leaves.
6. Graded campground road with rock rake.
7. Cleaned blowdowns in campground and along Perimeter Road.
8. Cleaned around woodshed and hauled debris.
9. Daily cleaning of campground, Abol Beach and 2 days a week at Togue Beach.
10. Limed toilet dumpsites at Katahdin Stream and Daicey Pond locations.
11. Assisted with relocation of Togue booth project.
12. Re-roofed (4) lean-tos.
13. Repaired (3) chainsaws, (2) lawnmowers, (1) firepump.
14. Organized fireroom and tools.
15. Cleaned and organized woodshed, Moved all flammable, fuel, paint, etc., to woodshed.
16. Assisted in moving leaking bottomside containers at Togue Pond.
17. Replaced old screen on Ranger station.
18. Assisted in setting rocks at Abol and Katahdin Stream day use areas.
19. Organized shop and garage.
20. Loamed and seeded dead area on lawn.
21. Assisted in painting inside crew camp at Katahdin Stream.

22. Cut campsite logs.
23. Assisted 58 and 59 moving toilet vaults.
24. Installed waterbars, spread gravel as needed in campground.
25. Hauled debris at Togue Beach.
26. Jacked, braced, leveled, redecked #6 lean-to.
27. Replaced rotten sill on woodshed.
28. Built new steps for back porch at the Ranger station.
29. Trimmed and weedwacked grass and small brush around signs.
30. Hauled many loads firewood.
31. Installed bracing of rafters in garage.
32. Installed bracing of corners of all lean-tos.
33. Assisted with fall helicopter flight.
34. Built crib site #20.
35. Painted floor in bedroom.

NESOWADNEHUNK - (Bruce White CRI)

1. Stained garage and cabins.
2. Routine opening and closing of campground.
3. Cut brush as needed around various sites.
4. Installed fire danger sign.
5. Hooked up new water tank and refrigerator.
6. Stained and repaired picnic tables.
7. Cleaned out cellar of year round Ranger's camp.
8. Staked down all fireplaces.
9. Installed new light in camp.
10. Built (5) fire pits.
11. Put up speed limit signs.
12. Replaced propane regulator.
13. Painted walls and ceiling in Ranger camp.
14. Put up hiker registration box at Nesowadnehunk Lake.
15. Hauled loam to Abol - sand from Abol Pit to Nesowadnehunk.
16. Built picnic table crib site in group area.
17. Spread loam on lawn.
18. Graveled paths to (3) walk-in sites.
19. Spread sand in (5) sites.
20. Installed portable barricade on Phoenix (Telos) gravel pit.
21. Assisted with relocation of toilet vault and building in group area.
22. Put up erosion control signs in campground.
23. Installed portable barricade by Ranger's camp.
24. Put in new shelves in seasonal camp.
25. Scraped and painted front and back porches.
26. Built tool rack cabinet and shelves in shop.
27. Prepared toilet site, set vault and filled in near walk-in sites.
28. Assisted with lean-to #6 repairs at Abol.
29. Put up bulletin board in parking lot.
30. Planted red pine seedlings.

DAICEY POND - (Caretakers: Gabriel and Marcia Williamson)

1. Routine opening and closing of campground and cabins.



2. Cut up winter blowdowns throughout campground.
3. Stained (5) cabins.
4. Painted (4) floors.
5. Installed new screening and replaced glass as needed.
6. Assisted with removal of surplus cedar from Lily Pad Pond.
7. Cut, split and stacked 15 to 18 cords firewood.
8. Jacked, leveled, installed cement pads under (6) buildings.
9. Prefabricated 95 cement pads.
10. Repaired-replaced stovepipes as needed - repaired chairs and beds.
11. Tested firepump before fire season.
12. Moved cabin #3 ahead 2'.
13. Built rock wall behind #3 cabin.
14. Trimmed brush around cabins, along trails.
15. Replaced new porch, railing at cabin #3.
16. Routine mowing and weedwacking.
17. Replaced flagpole.
18. Restocked, organized, inventoried, labeled first aid pack.
19. Replaced rotten log on cabin #3.
20. Mowed lawns.
21. Cut blowdowns on AT toward Niagara Falls.
22. Changed propane tanks on cabins as needed.
23. Routine litter patrol.
24. Cleaned ashes out of stoves as needed.
25. Cleaned, organized toolshed.
26. Assisted 69 with rebuilding of York cabin.
27. Assisted 54 with woodsplitter repairs.
28. Replaced, repaired splitting mauls and axes.
29. Stained cement pads.
30. Shovel outhouses.
31. Removed old outhouse (#3) built new foundation, installed new outhouse.
32. Cleaned out mice nests in library, installed screening.
33. Scraped, stained bumperlogs.
34. Stained porches on library.
35. Rebuilt firepits.
36. Cleaned out woodshed bin #2, dug trench along outside wall.
37. Hauled cedar logs from Abol Pit.
38. Painted and lettered new signs.
39. Readied cedar logs for woodshed sills.
40. Removed gutter from toolshed.

KIDNEY POND - (Caretakers, Steve and Gladys Buzzell)

1. Routine opening and closing of campground.
2. Cleaned up winter blowdowns.
3. Repair dock, mowed lawns.
4. Stained decks and rails on several cabins.
5. Polyurethaned 4 sets new bunks.
6. Rebuilt and repaired two gates.
7. Rebuilt library porch.
8. Supervised volunteers assisting with repairs.
9. Installed metalbestos chimney in cabin #5.
10. Installed water system in Ranger camp.

11. Painted floors in Wassaus, Carter Lodge and Ranger camp.
12. Installed new floors throughout Ranger camp.
13. Replaced screens on windows, built screen doors as needed.
14. Cleaned kitchen-dining room areas for various meetings - staff, Authority, Solo, Naturalist, SFMA, etc.
15. Hauled supplies for cabin repairs.
16. Completely rebuilt two cabins, underpinning, jacking porches shingling, steps, railings staining, etc.
17. Cut trees at Tracey Pit for cabin repairs - hauled to Kidney.
18. Resurfaced driveway as needed.
19. Readied for Volunteers for Peace - orientation - cleaned camp, readied shower facility.
20. Assisted 57 with plumbing on camp.
21. Assisted with Rocky Pond docks and canoe relocation.
22. Installed slats between logs - closed up porch roof.
23. Hauled supplies for new outhouse.
24. Assisted moving single vault toilet from Abol to Kidney Pond installed, etc.
25. Picked up cedar privacy fence in Lagrange for outhouse needs.
26. Assisted moving heavy equipment from facility to facility.
27. Hauled gravel from Tracey Pit to backfill around outhouses.
28. Cleaned up area around garage area of debris, old wood, etc.
29. Constructed new outhouse, installed risers, put up privacy fence at day use parking lot area.
30. Screened behind trim on 4 windows of Ranger camp to help bat proof.
31. Repaired windows as needed.
32. Stacked firewood in shed.
33. Continued work on trim and interior ceiling of Ranger camp.
34. Blackened 21 stoves and readied buildings for winter.

TOGUE POND GATE - (Gatekeepers - Diane Freelove, John Doe, Jim Hunt, Leslie Gordon, David Morgan, Darren Guyaz)

1. Prepared ticket booth for season.
2. Washed and cleaned outhouses.
3. Put up seasonal signs.
4. Mowed lawns and trimmed around buildings, rocks, etc.
5. Painted steps and signs.
6. Worked up firewood, stacked and stored.
7. Threw in wood and piled in gatehouse basement.

MAINTENANCE RANGER - (Abert Rickards, Carpenter)

#### Maintenance Projects

1. Painted storage boxes and dust collection hood in carpentry shop.
2. Installed new entrance sign at Headquarters.
3. Changed lights over at Headquarters as needed.
4. Cleaned out Phil's office and moved in Jensen's desk, files, etc.
5. Prepared Jensen's office for painting - filled holes,

- painted door, etc.
6. Replaced radial arm saw table and fence with new plywood.
  7. Sanded Headquarters driveway and garage complex as needed.
  8. Assembled several metal file hangers for Director's files.
  9. Installed storage boxes and dust collection hood in carpentry shop.
  10. Cleaned out conference room; installed panels in windows.
  11. Repaired entrance door at Headquarters.
  12. Hooked up recoil on radial arm saw.
  13. Moved 12 file cabinets upstairs into back room.
  14. Filed 96 blueprints into paper tubes.
  15. Engraved tools and reorganized tool room in carpentry shop as needed.
  16. Painted ceiling, walls, duct work, doors and trim in conference room at Headquarters.
  17. Repaired and painted bumper on truck; painted BSP signs.
  18. Repaired conference room tables at Headquarters
  19. Plowed, shoveled, and blew snow as needed at Headquarters complex.
  20. Hauled metal roofing panels from Chimney Pond to Roaring Brook via snowsled.
  21. Painted entryway between garage and shop.
  22. Organized file cabinet files and filed several boxes of files from Maintenance Supervisor's office.
  23. Varnished radial arm saw workbench.
  24. Installed new lockset on furnace room door.
  25. Installed weather stripping around overhead door and repaired trim in mechanic shop.
  26. Repaired leaking window in bathroom at Headquarters.
  27. Installed dust collection system and gate valves in carpentry shop.
  28. Painted and repaired band saw stand.
  29. Installed display case brackets and display case for Bald Eagle in conference room; installed plexiglas door.
  30. Washed truck and cleaned interior as needed.
  31. Changed lockset on carpentry shop door.
  32. Installed lumber racks on truck.
  33. Took down winter entryway panels at Headquarters' front entrance and rear entrance; stored in polebarn.
  34. Picked up truck load of cedar at Barry's mill and planed lumber.
  35. Painted ceiling in lobby and bathroom at Headquarters.
  36. Assisted sanding, sealing, and priming floor of Martin camp.
  37. Disassembled four sets of bunk beds and hauled to Kidney Pond.
  38. Stripped floor with power sander and edger at Abol crew camp.
  39. Assisted sanding floor of porch at Abol Ranger's station.
  40. Applied primer and sealer on floor at Abol crew camp.
  41. Repaired leaking roof at Abol crew camp.
  42. Varnished kitchen cabinets and floor at Abol crew camp.
  43. Varnished wood work around doors and windows at Abol crew camp.
  44. Removed back wall of York camp at Daicey Pond.
  45. Jacked, blocked, installed skids under gatehouse.
  46. Assisted moving gatehouse to junction of Roaring Brook road

- at Togue Pond; assisted moving gatehouse onto new platform.
47. Hauled lumber for York camp project and Togue Pond project; picked up cement pads at Goding Concrete.
  48. Repaired entrance door to gatehouse.
  49. Graded gravel at Togue Pond gatehouse site and set cement footers.
  50. Installed new rain gutter on gatehouse.
  51. Made sideboards for dump truck.
  52. Assisted digging holes and installing guardrail post at Togue Pond gatehouse location.
  53. Framed for several new windows at Ranger's camp at Chimney Pond.
  54. Repaired water lines at Abol.
  55. Installed vent pipe in outhouse at Togue Pond.
  56. Renovated York camp building at Daicey Pond.
  57. Installed new riser and seat in outhouse at Togue Pond.
  58. Installed new windows on porch at Chimney Pond Ranger's camp.
  59. Assisted unloading large rocks and placing to form parking lot guardrail at Abol.
  60. Assisted cleaning out garage at Abol; hauled load of junk to Foster Field dump.
  61. Installed metalbestos chimney in York camp.
  62. Picked up building materials at hardware for York camp project and picked up log cabin siding at Sherman Lumber and delivered to work site.
  63. Plumbed up water heater at Abol.
  64. Constructed stand for water heater.
  65. Hooked up gas regulator and run gas lines for lights at York camp.
  66. Cut and boxed several boxes of scrap lumber to be used in wood fired water heated shower house at Togue Pond.
  67. Plumbed shower at Abol.
  68. Hauled a load of lumber to South Branch Pond.
  69. Installed air conditioner in Rosemary's office.
  70. Constructed door for water heater box.
  71. Estimated materials needed for renovation of bunkhouse at Roaring Brook; estimated materials needed for replacing windows and siding on south side of Ranger's camp at Roaring Brook.
  72. Repaired mechanic office door.
  73. Repaired broken window in bathroom at Headquarters.
  74. Installed gray water system at Abol.
  75. Installed air conditioner covers at Headquarters building and warehouse on all air conditioners.
  76. Changed oil on generator as needed.
  77. Installed entryway winter panels on front and back door entrances to Headquarters building.
  78. Sawed up 860' board feet of 2.6 log cabin siding.
  79. Purchased building materials for all projects and delivered to work sites.
  80. Assisted in unloading a flatbed load of cedar bridge stock, stacked in piles and cut for length at Togue Pond.
  81. Repaired lock set on warehouse entrance door.
  82. Took down garage partition in pole barn and disassembled.
  83. Worked in reservation office answering telephone.

84. Took off storm door and hardware at entryway to 50 apartment.
85. Installed new lock sets in warehouse.
86. Installed metal angle iron around covers of tool boxes on 69 truck.
87. Assisted building metal stands for people control on opening day reservations.
88. Installed rain gutter at Headquarters entrance to prevent ice from building up on ramp.
89. Completed daily, weekly, monthly and annual reports as required.
90. Supervised several volunteers throughout season with carpentry projects.
91. Maintained tools replacing, repairing and sharpening as needed.
92. Cleaned carpentry shop as needed.
93. Planed lumber for Togue Pond project.
94. Milled log cabin siding and installed siding on gatehouse at Togue Pond.

#### MAINTENANCE RANGER - Hadley Coolong

1. Built and installed gate for Trout Brook Crossing bridge.
2. Repaired refrigerator at South Branch Pond Ranger's cabin.
3. Precut cedar planking for picnic table construction.
4. Made repairs on caterpillar 966 in Millinocket garage.
5. Made road repairs on washout on South Branch Pond road and the main Park Tote Road.
6. Hauled drags and totesleds from Trout Brook Farm to McCarty Field for summer storage.
7. Repaired gas pump at Trout Brook Farm.
8. Made numerous repairs to chainsaws, lawnmowers and outboard motors at various Park locations.
9. Checked and cleaned gas refrigerators at Matagamon Gate, Trout Brook Farm, McCarty Field, Martin Camp, South Branch and Webster Lake.
10. Hauled propane gas tanks from Millinocket to Matagamon Gate and Trout Brook Farm.
11. Made wheel repairs on tow-behind grader in Millinocket.
12. Installed hot water heater at Nesowadnehunk Field and replumbed water pipes.
13. Repaired dumpster in Millinocket.
14. Salvaged and cut to length low grade cedar for suitable future use.
14. Covered as Campground Ranger at Trout Brook Farm and South Branch Pond Campground.
15. Covered as Gatekeeper at Matagamon Gate.
16. Hauled supplies to Webster Lake.
17. Repaired water pump (hand pump) at McCarty Field.
18. Built new toilets at Togue Ledge, Second Lake Site and Davignon Camp on Matagamon Lake.
19. Replaced temporary toilet on the Saw Mill site on Matagamon Lake.
20. Delivered stove to Daicey Pond.
21. Constructed live traps for raccoons.

22. Repaired water pump at Trout Brook Farm.
23. Replaced door step at Davignon Camp.
24. Shuttled roadside mowing operation (Jim Cunningham) from vehicle to tractor. Also hauled fuel to tractor locations.
25. Repaired generator for Park Carpenter.
26. Repaired starter for R. Howes at Millinocket garage.
27. Hauled 5 canoes to Millinocket for auction.
28. Hauled trash too large for dumpster to Mt. Chase landfill.
29. Repaired mower blades on roadside mower.
30. Hauled firewood from Abol pit to South Branch Pond.
31. Made numerous repairs and trips to Millinocket garage and numerous other locations in Baxter State Park.
32. Cleaned campsites and toilets at various Park facilities.

#### AUTOMOTIVE MECHANIC - Timothy Sides

Battery Replacement/Recharge. . . . .	.No. 6	- new, 7-charge
Body Repair/Painting. . . . .	.No. 36	
Brake Repair. . . . .	.No. 6	
Canoe/Boat Repair . . . . .	.No. -	
Chain Saw Repair. . . . .	.No. 5	
Clutch Repair . . . . .	.No. -	
Electrical Repair . . . . .	.No. 39	
Exhaust System Repair . . . . .	.No. 11	
Front End Repair. . . . .	.No. 15	
Generator Repair. . . . .	.No. -	
Motor Repair (incl. valves) . . . . .	.No. 1-	(947-004)
New Tires installed . . . . .	.No. 17	
Outboard Repair . . . . .	.No. -	
Rear End Repair . . . . .	.No. 10	
Road calls for Park Equipment . . . . .	.No. 6	
Snowsled Repair . . . . .	.No. 5	
State Vehicle Inspections . . . . .	.No. 30	
Tires Repaired. . . . .	.No. 13	
Tune ups. . . . .	.No. 11	
Universal Joint Repair. . . . .	.No. 5	
Vehicles Serviced (grease, oil) . . . . .	.No. 99	
Waterpump Repair. . . . .	.No. 3	
Window Replacement. . . . .	.No. 3	
Pressure washed (vehicles). . . . .	.No. 12	

Numerous hours were spent plowing and sanding the Millinocket Headquarters complex as well as maintaining the Support Services facility throughout the year.

#### VI TRAINING

1. Two training sessions pertaining to bloodborne pathogens was given December 2-3, June 17-19 to all employees that have direct contact with the public in campgrounds and trails.
2. Two training sessions at the Maine Criminal Justice Academy were held jointly with Baxter Park Rangers and Maine Warden Service (May 4-7, 11-14.
3. Park employees were updated on the latest policies and pro-

cedures at the yearly spring orientation at Kidney Pond on June 10.

4. A fire training session conducted by the Maine Forest Service was held in Millinocket and in the field June 22-23 for all new employees and as a review for other Park staff.
5. A joint training exercise was held in the Park with all the National Guard, Maine Forest Service and all search and rescue teams that are affiliated with Park operations Oct. 22-23, 1994.
6. A S.O.L.O. training course (December 2-3) for first aid was presented to year round Park employees and attended by some local Game Wardens. This course was later given to seasonal Campground employees June 17-18.
7. Park Ranger Bernard Crabtree participated in a training session using the MIG welder that was conducted by N.H. Bragg.
8. All employees received on-the-job training while working at their various worksites and under the supervision of experienced Park Rangers.

## VII SEARCH AND RESCUE

There were no fatalities in Baxter State Park in 1993. Park personnel and volunteers assisted with numerous rescues. Noteworthy search and rescue activities include:

1. February 4, 1993 - Andrew Levinson, 21, suffered serious frostbite injuries to both feet while climbing Mt. Katahdin.
2. Verne McMoarn fell 60 feet on the Pamola ice cliffs and injured one foot. His hard hat was crushed and punctured. The use of the hard hat undoubtedly saved his life. Verne was assisted by Park Rangers on Feb. 10, 1994 by snowmachine in getting roadside.
3. Feb. 10-11, 1993 - Mark Balban and Peter McGranahan overnight bivouac on Katahdin (report attached).
4. Feb. 22, 1993, Dr. Peter Goebel, caught in an avalanche in the Chimney area sustained a compound fracture in his lower right leg (report attached).
5. March 11, 1993 - Roger School sustained a head injury while alpine skiing on Mt. Katahdin.
6. May 15 - David Wrobleski, lost fisherman in Wassataquoik Mt. region.
7. May 16 - Abol trail - hiker with possible crushed foot. Ranger called for assistance, packed then headed up Abol Trail with EMT and 3 boys, stokes and rescue pack. Loaded victim onto stokes, checked him. Foot was wrapped by father who is doctor. Large rock rolled across foot. Transported down, father transported to Eastern Maine in Bangor.
8. June 12 - hiker lost between S. Peak and the Chimney. No contact made until next morning by Chimney Pond Ranger. This happened when a group crossed Knife Edge and one separated from the group to take shortcut off Knife Edge to Chimney Pond. Wilderness Rescue, 112th Medivac, Mahoosuc Mt. Rescue, Dirigo were called. Request also went to Brunswick Naval Base to provide transportation from Bruns-

wick to Millinocket for 3 Wilderness Rescue members and gear. Navy could not fly due to no co-pilot for nighttime flight, but could fly at daybreak. Navy helicopter passed over Katahdin waiting for further instructions, advised to locate victim. Navy dropped off 3 members of WRT at Millinocket airport and returned to Brunswick. 112th dropped off 5 WRT members, hauled gear from Millinocket Airport to Chimney. After voice contact between Wilderness crew and victim crew split into 2 groups - one technical and one non-technical at base of Chimney. Wilderness lowered victim down false Chimney into Chimney. Victim transported out by Medivac to Millinocket Airport and Ranger transported to hospital. Ranger spent rest of evening at hospital while victim was in ER.

9. June 26 - NW Basin TRail - hiker twisted ankle on a rock in the trail. Along with 2 members of party, she was helped using stick as cane. Ranger examined ankle later in evening and observed swelling/bruising, applied ace bandage wrap, ice pack and elevated. Next morning Ranger called for a helicopter and Forestry transported her out to Caribou Pit where she was then transported to hospital by Ranger.
10. June 26 - Daicey Pond - bike accident - Daicey Pond Rangers gathered supplies and went to accident victim. She had injured her shoulder/collar bone. Decided it was best to keep her as immobile as possible and went back to Daicey and called ambulance to transport her. Gathered litter to carry victim to library while monitoring her condition and vital signs and keeping her warm. Did primary and secondary assessment at scene of accident, immobilized arm and shoulder with splints and ties and litter carried her to library to await ambulance. Transported by ambulance to hospital. (1.15 hours till picked up by ambulance.)
11. June 27 - Webster Lake - woman with sprained ankle vicinity of boat house on Webster Lake, needed to be evacuated, had been left in a tent. Matagamon Gatekeeper contacted Webster Lake volunteer who checked on hiker and transported her to Ranger cabin on Webster Lake to await evacuation. CR and hiker's companion drove to Webster Lake landing and transported hiker out to Trout Brook Farm where they picked up their vehicle and exited BSP.
12. July 19 - Sandy Stream Trail - lost hikers. CA and member of party hiked 2 1/2 mile loop around Sandy Stream Pond, returned to Ranger station to see if family had arrived. Packed additional gear, clothing, flashlights, etc., and hiked Russell Pond Trail. After 2 miles decided to turn back. At junction of Sandy Stream Trail, CA went one way and member went the other. CA hiked 1/4 mile of South Turner TRail before heading back, then hiked Nature Trail. Made radio contact with BSP Ranger to inform him of situation and asked for assistance. Started to hike once again on Russell Pond Trail and continued until Chimney Pond CA informed that family had arrived at Roaring Brook. They had gone on wrong trail and spent night at junction of Tracy Horse Trail on Russell Pond Trail. (Little over 8 hours search till family returned.)



13. July 25 - Russell Pond Trail - woman had fallen while crossing stream 1/2 mile from Roaring Brook Campground. CA hiked to site with 3 trail crew members. One trail crew member remained at Ranger station to relay messages via radio and one gathered volunteers to wait at Ranger station until notified. Hiker's left knee dislocated, no other injuries. CA and trail crew member splinted leg above and below knee and along with 2 other men removed her from stream to mat, gave dry clothes and wrapped in sleeping bag. When litter arrived packed clothing under knee for more support. Carried to Roaring Brook Campground and hiker was transported out by ambulance to hospital. (About 3 hours to ambulance pickup.)
14. August 2 - young boy reported fallen on the Abol Trail with possible broken arm. Campground Ranger notified Supervisor before starting out. By the time he had reached the boy a doctor had given first aid consisting of splint with ace wrap, tylenol, ibuprophen. Ranger added ice pack with ace and sling for support. Boy was given water and rest as needed on the way down and transported by family to hospital.
15. August 10 - Mountain Patrol down Dudley Trail - found hiker with broken arm, who was cold, drinking water and had eaten 2 hours earlier. Son was taken to Chimney by another hiker. Volunteers came to help also. Ranger applied sling for support, ascertained no other injuries and started down. Medivac chopper was called in and waiting at Chimney Pond to take hurt hiker out. (4 3/4 hours to Medivac pickup.)
16. August 13 - missing hiker - Center Pond Trail - same individual had hit head and knocked himself out night before. Campground Attendant contacted Ranger, then went to area where within 15 minutes established voice contact. He had followed a moose and become lost. (3/4 hours)
17. August 18 - Saddle TRail - heat exhaustion. Ranger went to scene, applied wet bandanna, gave hiker cold water. Hiked out to Chimney, supporting hiker. She took a nap after eating and drinking a little. Was able to hike out after her nap and some salty H2O. (Approximately 2 3/4 hours.)
18. August 22, 1993 - climbing Doubletop Trail - party of 6. While descending one man lost his footing, slid 15-20 feet dislocating knee. Nes. Campground Ranger's wife gathered volunteers, left with Ranger for site. Call was made to other campgrounds for help. More volunteers were contacted, a litter was taken to the site. Hiker was taken by litter to open area. Air Guard was contacted through Togue Gate and Millinocket Fire hoping to get cable lift with helicopters. Not able to get a night vision crew together so hiker was carried out. Met by ambulance and hiker taken to hospital. (About 5 hours.)
19. August 23, 1993 - report of flashing light from Hunt span, not moving for at least an hour. Found 6 hikers, no major injuries, just scrapes and blisters. There were 2 parties - one party split up, did not have proper foot gear, food, water or lights. Second party had passed first party and traveled back to help them down. Rangers gave out lights,

- water and walked them back down.
20. August 20, 1993 - Woman reported to have fallen and twisted her ankle near Little Niagara, unable to walk. Rangers took first aid equipment, stokes litter and 4 volunteers down trail. Determined no further injuries splinted ankle and carried her out. (Little over 1/2 hours.)
  21. August 27, 1993 - Girl Scout group (5 ten-year olds, 2 adults, 1 infant) above treeline - one adult with bad ankle, 1 flashlight not working well. Kat. Stream Rangers met group with flashlights and first aid equipment, led group down with several stops. Also informed leader about regulation regarding no children under age of 6 above treeline. (Approximately 3 3/4 hours)

#### VIII LAW ENFORCEMENT

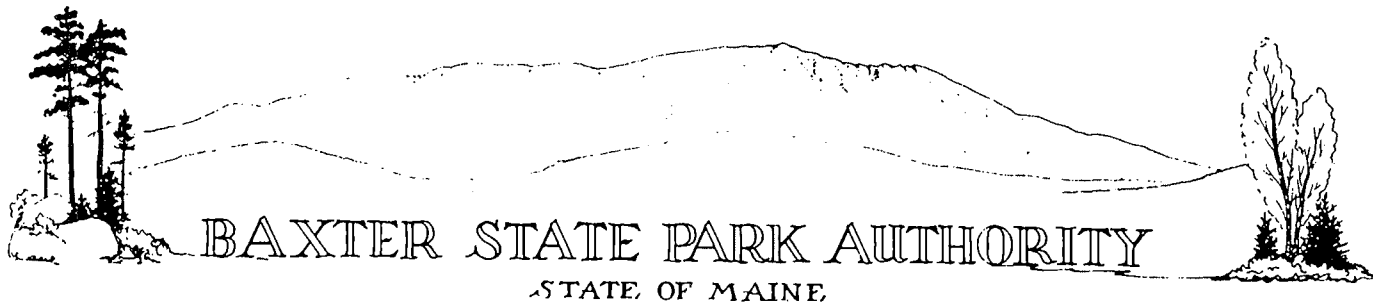
Baxter State Park personnel strive to educate the users in the proper utilization of wilderness resources. The most common violations in the Park are illegal camping and fires, littering and violation of fish and wildlife laws. There is an increase of hunting activity in the Scientific Forest Management Area of the Park. A total of 957 hunters registered to hunt in T6R10 and T6R9 during the month of November. More emphasis on checking hunters was initiated in 1993. The most common violation in November was not having an encased firearm while traveling in the game preserve.

Baxter State Park practices a low profile law enforcement program with emphasis on user education and information to strengthen long term compliance to Park regulations.

A breakdown of law enforcement activities are:

Prosecutions	- 42 court summons
Automobile Accidents	- 12 reported accidents
Warnings	- verbal warnings are too numerous to count

The 1993 records of law enforcement actions are as follows:



OFFICER	BDG NO.	RESPONDENT	DOB	ARREST*	OFFENSE	PLACE OF ARREST	COLL.	DISPOSITION	TIME
L. Goode	57	Casey J. Taylor	03-14-74		Title 29 Sec.1251	Speeding	77.00	Guilty	
T. Chase	56	Ammetaj Cemalj	08-04-68		Title 29 Sec.1252	Speeding	77.00	Guilty	
T. Chase	56	Ammetaj Cemalj	08-04-68		Title 29 Sec.1252	Speeding	77.00	Guilty	
L. Goode	57	Wayne E. Scott	10-29-75		Title 29 Sec.1252	Speeding	126.50	Guilty	
R. Howes	53	Sylvain Dufour	01-10-64		Title 17 Sec.2264	Littering	110.00	Guilty	
R. Howes	53	Karl Kreutz	11-28-69		Title 12 Sec.903-2	Unauthorized u/of Park-win.	50.00	Guilty	
R. Howes	53	Michael Rech	05-04-71		Title 12 Sec.903-2	"		FTA	
R. Howes	53	Adam Garlapw	04-19-72		Title 12 Sec.903-2	"	50.00	Guilty	
T. Chase	56	Leslie H. Swift	11-30-46		Title 12 Sec.903-2	"	35.00	Guilty	
T. Chase	56	Donald Isikoff	09-06-49		Title 12 Sec.903-5	Illegal camping	35.00	Guilty	
T. Chase	56	LeRuny M. Isikoff	05-18-73		Title 12 Sec.903-5	"	35.00	Guilty	
T. Chase	56	Phillip W. Lebowitz	08-12-46		Title 12 Sec.903-5	"	35.00	Guilty	
L. Goode	57	Donald Belanger	06-29-64		Title 12 Sec.1036-1	Worms in FFO	50.00	Guilty	
L. Goode	57	Kent McGlaughlin	04-15-52		Title 12 Sec.903-5	Illegal camping		Dismissed	
L. Goode	57	C. Messier	01-05-70		Title 12 Sec.S-7036-1	Worms in FFO		FTA	
L. Goode	57	C. Nunez	02-20-63		Title 12 Sec.S-7036-1	"		FTA	

SUMMARY OF  
CRIMINAL CASES  
1993



COURT OFFICER  
R. Howes

DATE \_\_\_\_\_

\*P-Physical  
S-Summons  
B-Bond

OFFICER	BDG NO.	RESPONDENT	DOB	ARREST*	OFFENSE	PLACE OF ARREST	COLL.	DISPOSITION	TIME
L. Goode	57	R. McGraw	12-04-62		Title 12 Sec.S-7604	Over limit, # size	50.00	Guilty	
L. Goode	57	R. McGraw	12-04-62		Title 12 Sec.S-7036-1	Worms in FFO	50.00	Guilty	
L. Goode	57	Carrie Dudley	09-03-72		Title 12 Sec.903-5	Illegal camping	35.00	Guilty	
L. Goode	57	A. Brown	02-18-58		Title 12 Sec.S-7371-3	No License		FTA	
L. Goode	57	Robert Howard	10-01-68		Title 12 Sec.903-5	Illegal camping		FTA	
L. Goode	57	Samath O'Donel	05-03-71		Title 12 Sec.903-5	"		FTA	
L. Goode	57	Gary Turner	02-26-71		Title 12 Sec.903-5	"	35.00	Guilty	
L. Goode	57	Scott Turner	06-25-67		Title 12 Sec.903-5	"		FTA	
C. Kenney	59	Simone Pringle	03-29-64		Title 12 Sec.903-15	Pet in Park	48.50	Guilty	
T. Chase	56	Maynard Lee	03-08-66		Title 12 Sec.903-7	Violation of Group Reg.	35.00	Guilty	
T. Chase	56	Maynard Lee	03-08-66		Title 12 Sec.903-11	Littering	100.00	Guilty	
T. Chase	56	Dan Swift	04-05-50		Title 12 Sec.903-5	Illegal Camping	35.00	Guilty	
T. Chase	56	Roger Fitzgerald	05-25-48		Title 12 Sec.903-15	Pet in Park	35.00	Guilty	
T. Chase	56	Joseph Bowley	02-15-66		Title 12 Sec.903-11	Littering	100.00	Guilty	
T. Chase	56	Joseph Bowley	02-15-66		Title 12 Sec.903-9	Illegal Fire	35.00	Guilty	
T. Chase	56	Joel Bernstein	11-21-71		Title 12,Sec.903-5	Illegal camping		FTA	

BAXTER STATE PARK AUTHORITY

[illegible]

## IX SPECIAL ACTIVITIES

### Region 1

1. Rangers continued to exchange duties at campgrounds to accommodate shortages due either to shutdowns or other personnel shortages that had been created.
2. The Park continued to remove unsafe and/or unregistered watercraft from the waters of the back country of the Park.
3. A lean-to and outhouse were righted at Chimney Pond after late winter winds had laid them to rest.
4. The sale of firewood continued to increase as more people become aware of its availability. Less firewood trail erosion is starting to be seen in the campgrounds as flora vegetation is replacing some of the trails.
5. Composting of human waste continues at Chimney Pond as this seems to be the best way of handling it. As an area Ranger puts it, it sure beats the alternative.
6. The remainder of the cribbing that used to support a foot-bridge on Turner Stream was removed and an alternate was established using a more natural crossing.
7. The process of removing more old rusted cans and bottles from an old dump at Russell continued in an ongoing process of elimination.
8. A survey of fisheries was done at Russell Pond in an attempt to update information every ten years and to see if there have been any changes in the last few years (8/9-10/93).
9. Signs were replaced at Russell showing clawing and chewing by a bear that apparently did not care for the information they gave.
10. Assistance was given to trail users by transporting to or from trailheads while Rangers were routinely traveling on Park roads.
11. Assistance was received from D.O.T. by sampling gravel pits throughout the Park in an attempt to determine quality of loads.
12. Efforts continued in the restoration of the area around Togue Pond beach placing rocks at locations to inhibit travel for erosion control.
13. Assistance was given to the D.O.T. crew working to grade the roads on the north end by modifying the tow-behind grader with hydraulics that lift the blade and turn the grader.
14. The Park continued with the process of delivering bog bridge material to site location by snowsled during the winter months mainly at Pamola Brook on the Chimney Pond trail and also on the main trail to Big Rock in the Sandy Stream Pond area.
15. Firewood was readied at Caribou Pit and flown to Chimney Pond by the National Guard for use during the winter months.
16. A replacement lean-to for the mid-Webster site was transported to the SFMA to be transported to site location during the winter by snowsled.
17. Two pit toilets were transported by snowsled to sites at Long Pond Outlet and Long Pond Pines to be built during the summer months. Also a pit toilet was added to the Second lake site on Grand Lake Matagamon.

18. The road was blocked off from South Branch crossing to Camp Phoenix during the mud season trying to keep the road from being rutted and dug out in an attempt that require less opening spring maintenance and repair.
19. A joint session of search and rescue training was hosted by the Park and to be held in the Sandy Stream Pond area and a high angle rescue was to take place off the Knife Edge, but weather could not allow the high angle attempt. All the Rescue teams were present and exchanged information and stories.
20. The Davigneau Camp facility at Second Lake Matagamon was jacked up and leveled placing cement pads for the foundation. The extremely dirty job was accomplished by volunteers Tom Goetz and Jim Barden. We all appreciate their efforts.
21. Solid waste continues to be removed from the Park by contractor as the total volume apparently continues to decrease. The carry-in/carry-out policy continues to be stressed at campgrounds and gatehouses.
22. Webster Stream canoeing continues to be a popular trip with fewer people attempting it.

## Region 2

1. Transported College Conservation Corp gear from Abol Bridge to Kidney Pond.
2. Assisted with helicopter flights for winter firewood project, canoes to Russell Pond, materials to Chimney Pond.
3. Destroyed sick moose near Roaring Brook.
4. Transported Wilderness Rescue Team, Mahoosuc Mt. Rescue Team and High Angle Rescue Team teams from Abol Bridge to Roaring Brook for training exercises and volunteer coverage at Chimney Pond.
5. Transported volunteers to and from Chimney Pond.
6. Tagged canoes on ponds not previously registered.
7. Worked with Warden Service on fishing and hunting parties.
8. Relocated 2 beaver from junction of Togue and Roaring Brook roads area to Kidney Pond.
9. Volunteers for Peace accomplished major projects at Katahdin Stream walk-in campsites.
10. Junior Ranger program at Daicey Pond.
11. Several contacts from private, State, Federal agencies inquiring about past employees.
12. Some of the more common numerous activities include:
  - a. Towing vehicles out of ditches/assisting stranded motorists.
  - b. Boosting dead batteries of vehicles.
  - c. Hauling packs and hikers on Park roads.
  - d. Repairing camping and fishing gear, vehicles, etc.
  - e. Loaning of axes, gas and oil.
  - f. Assisting people who locked themselves out of vehicles.

## X PROJECTION OF MAJOR PROJECTS FOR 1994-95

1. Renovate the Togue Pond cement block building to an information center.
2. Install a leach field at the Togue Pond information center.
3. Regate the camp access roads at the Togue Ponds.
4. Renovate the Trapper cabin at Togue Pond for seasonal usage.
5. Stabilize the foundation at the Nesowadnehunk Ranger cabin.
6. Siding repair and staining of the Millinocket Headquarters facility.
7. Continuation of the boundary repainting program.
8. Continuation of the Wassataquoik Lake lean-to.
9. Renovation of the Little Wassataquoik Lake lean-to.
10. Renovation of 4 cabins at Kidney Pond and Daicey Pond.
11. Renovate bunkhouse at Roaring Brook.
12. Replace siding on administrative building at Trout Brook.
13. Replace 3 double toilet vaults at Roaring Brook.
14. Replace some siding on CRI building at Roaring Brook.
15. Replace single toilet vault at Rum Brook.
16. Relocate part of Wassataquoik Lake Trail around the lake.
17. Build boat slip for 16' boat on Matagamon.
18. Finish wood splitter with fenders and painting.
19. Refurbish screenhouse at Davigneau camp and remove back shed.
20. Build 2 pit toilets at Middle Fowler Ponds.

## XI 1993 BAXTER STATE PARK VOLUNTEER PROGRAM

John Howard and Wallis Drew compiled the following 1993 volunteer statistics:

A total of 266 dedicated volunteers donated 8681 1/2 hours for the benefit and preservation of Baxter State Park.

Volunteer hours by location are as follows:

Chimney Pond	444 hrs.
Daicey Pond	868 hrs.
Mlkt. Hqtrs.	409 1/2 hrs.
Katahdin Stream	586 hrs.
Kidney Pond	1,098 hrs.
Matagamon Gate	49 hrs.
McCarty Field	324 hrs.
Nes. Field	358 hrs.
Outlying Sites	134 hrs.
Russell Pond	180 hrs.
SFMA	104 hrs.
So. Branch Pond	132 hrs.
Togue Pond	781 hrs.
Trout Brook Farm	435 hrs.
Webster Lake	1,181 hrs.
Trails	<u>1,532 hrs.</u>
Total	8,681 1/2 hrs.



A list of the names of Baxter State Park volunteers includes:

Bangor AMC Committee - 10 people	Abbot and Nancy Meader
Bud and Fern Bard	John and Judy Mingus
Jim and Bonnie Barden	Tom and Marge Mitchell
John and Joshua Barlow	Teri-Ann Miller
Ron and Janice Bilodeau	Norman and Paula Mrozichi
Mac and Jodi Browning	Jeff and Tracey Nadeau
Read Brugger	Richard Oliver
Charles Burwell	Mark W. Osborne
Ruth Buttler	Marie Ozolins
Stephen and Gladys Buzzell	P.A.T.H. (Sean Bodyhe)
Capitol Tech Center - 9 people	Frank Paolicelli
Camp Chewonki - 12 people	Donald Patterson
Rebecca Clark	Phillip and Janet Pepin
Kevin Crisler	Camp Phoenix Volunteers
John R. Crowe	John Place
Stephen Crowe	Carol Prosser
Steve Day	Kevin and Elaine Prosser
Dian Dieterle	Roger Rand
Roberta Dobbs	Terry S. Rickard
Milton Doebener	Scott Riddick
Harry Doughty	Gary Rush
Richard Duddy	Elsa J. Sanborn
Tom Edes	Karen Shea
David Fessler	Wayne Shedd
David Flanagan	Thomas Shoesmith
Peter Fletcher	Ed Smith
Carolyn Foley	Lindsey Smith
Robert and Sally Footer	Gary Stillman
Diane, Jennifer, Ron Freelove	Robert and Carol Stone
Freeport High School - 8 people	Marh Taylor
Patrick Gelmetti	Mark Taylor
David and Dorrie Getchell	David Terrible
Tom Goetz	Matthew Terribile
Loren and Jeannie Goode	Jane Thomas
John Gondek	Mike Thurlow
James and Jacqueline Hall	Frank Trautman
Floyd Harrington	Harland Turner
Sonja Hartmann	Vocational Tech.-8 people
Ray Hefflefinger	Volunteers for Peace
Clifford and Pearl Hemingway	Valerie Couderc
Eric Hendrickson	Luke Iliffe
John Holden	Michael Mueller
Mary Holmes	David Pestipon
John and Betty Howard	Sara Sutton
Charles J. James	Coen Weddepohl
Paul R. Johnson	Katrina Zuoroba
Robert Kaszas	Jennie Carol - Allen Warner
George Kesel	Janet Wagner
Elizabeth W. King	Earl and Margie Wentzell
Daniel Kirby	Judy Wentzell
George A. Lopes	Scott Whitcomb
John F. Loyd, Jr.	Gabe and Marcia Williamson
Beverly McNally	Wilderness Search & Rescue

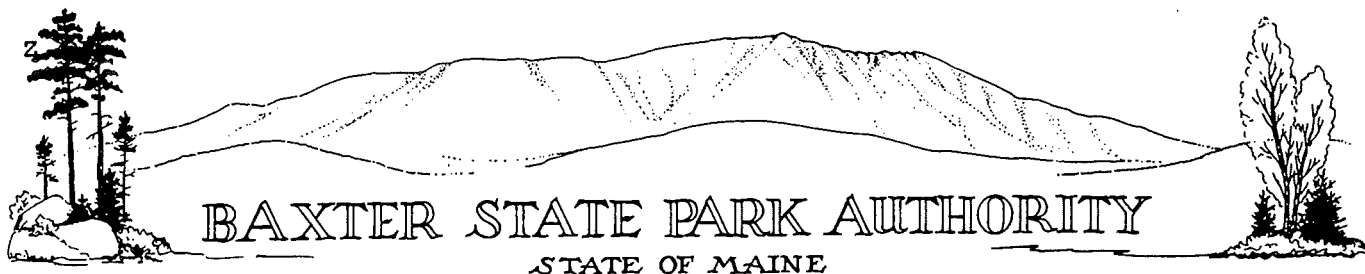
Mahoosuc Mt. Rescue Team  
Maine Maritime Academy  
Maine Upward Bound  
Joanna May

Helen Wood  
Sharon Worcester  
Peter Yoder  
Chaitanya York  
(C-Hawks Team)



**APPENDIX**  
**TO**  
**OPERATIONAL HIGHLIGHTS AND OVERVIEW**





AUTHORITY MEMBERS

SUSAN J. BELL, CHAIRMAN  
DIRECTOR-MAINE FOREST SERVICE

MICHAEL E. CARPENTER  
ATTORNEY GENERAL

NORMAN E. TRASK  
ACTING COMMISSIONER  
INLAND FISHERIES & WILDLIFE

INFORMATION

(207) 723-5140

PARK HEADQUARTERS

ADMINISTRATION 723-9616

IRVIN C. CAVERLY, JR., DIRECTOR

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

June 17, 1993

TO: BAXTER STATE PARK AUTHORITY

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

SUBJECT: SPECIAL ACTIVITY REPORT

About 1:00 P.M. Saturday June 12, I received a call from Chief Ranger Chris Drew advising that we had a search and rescue situation on a headwall in the South Basin somewhere between South Peak and Pamola Peak. Park Rangers had made oral contact with Rachael Therrien of Maple Street, Augusta, ME. She was tired, hungry, thirsty and bruised some from travel; however was in a position where she was temporarily safe as long as she stayed put. Consequently Esther Hendrickson maintained voice contact with Rachael and was able to convince her to stay put.

Early on Sunday morning June 13 Medivac helicopter units from the the Brunswick Naval Station as well as the 112th Medivac in Bangor responded to our call, delivering search and rescue personnel and technical equipment to Chimney Pond. Crews worked throughout the day. At about 6:00 P.M., with the assistance of the helicopter, we were able to drop the victim off at the Millinocket Regional Hospital for examination. Attached is a copy of the progress of the incident.

The story has a happy ending in a sense that Rachael survived a difficult situation; however, she will not soon forget the day she climbed Mt. Katahdin. Our thanks to Chief Ranger Chris Drew, Rangers Bob Howes, Barry MacArthur, Esther Hendrickson, Stewart Guay and Greg Hammer and all other Park staff who worked on this

incident as well as search and rescue personnel from the Wilderness Rescue team, Dirigo Search and Rescue, volunteers, pilots and crews of the Navy Helicopter from Brunswick Naval Air Station and the 112th Medivac from Bangor. One more life has been saved because of the exceptional professionalism and support of all those involved.

ICC:rm

Encl.

cc: Roy Farnsworth  
Frank Clukey  
BSP Admin.

6/12/93

Received call around 7:30 P.M. from Chimney Pond (Stewart) that there appeared to be someone hollering for help from somewhere along Knife Edge - Chimney route area. I advised Stewart to recruit a volunteer and check out the situation. Stewart readied and proceeded up the Dudley Trail. In the meantime, Ranger Greg Hammer was able to piece together information pertaining to a person and its group. It appeared a group of nine people had climbed Katahdin. Not all nine went across Knife Edge. A 38-year old, Rachael Therrien, appeared to have separated from her group and decided to take a shortcut off Knife Edge to Chimney Pond.

Rachael Therrien  
8 Maple St., P.O. 5031  
Augusta, ME 04430  
160-170 lbs.

5/24/55 DOB  
Tel. 621-0996 (H)

Wearing blue shirt, green shorts  
Her pack contained wind pants and possible blue jacket  
No flashlight  
Possible water bottle, food for the day  
No more medical problems

She was last seen around 6:00 P.M., believed to be 1/3 way from Pamola Peak toward South Peak, approximately false Chimney to Waterfall Gulley areas. She was approximately 150 yards down over Knife Edge stating she was all right and was traveling diagonally and downward.

Stewart traveled up Dudley to Pamola Peak. After a brief break, Stewart started across Knife Edge while his volunteer returned to Chimney via Dudley. Stewart hollered periodically while going across Knife Edge establishing no contact.

At approximately 10:25 P.M., I headed for Park Headquarters. The following is a breakdown of contacts made:

- 11:12 P.M. called Wilderness Rescue - John McDonough
- 11:17 P.M. called 112th Medivac - Jeff Peterson
- 11:30 P.M. called Mahoosuc Mt. Rescue - left message on pager
- 11:45 P.M. called Dirigo - Dave Martin
- 11:50 P.M. received call from 112th Medivac advising they would be arriving approximately 6:30 A.M.
- 11:53 P.M. received call from John McDonough that 7 or 8 climbers would be arriving - 5 to go to 112th in Bangor, 2 - 3 to Brunswick Naval Base. John requested Park to ask Navy to provide transportation from Brunswick to Millinocket.
- 12:00 called Navy, requested transportation for 3 Wilderness Rescue members and gear.
- 12:05 tried calling Chris
- 12:07 called Barry, advised of current events
- 12:10 Navy called back advising could not fly due to no co-pilot for nighttime flight, however, could fly at daybreak.



12:12 called John McDonough advising of situation - he stated it was still better to fly rather than drive  
12:15 Returned call to Brunswick advising Wilderness Rescue to be flown at daybreak.  
12:25 received call from Chris - updated of current events  
12:35 Received call from Dave Martin of Dirigo to have 3-5 climbers and 6 ground pounders  
12:38 called Randy Comber for fuel arrangements - someone will be at Bangor Sunday morning  
12:48 received call from John McDonough advising of MDI Technical climbers  
1:02 called Randy Armor, DO for statewide S&R, advising of current status and will advise if need further assistance.  
1:07 A.M. to 1:45 A.M. wrote up report to current time  
5:00 A.M. Dirigo at Headquarters  
5:10 A.M. Wilderness S&R to be leaving Brunswick shortly  
5:40 A.M. Unit 10 established visual contact with victim - located near false Chimney and Chimney  
5:45 A.M. 112th called advising will be leaving shortly. 5 WRT Wilderness Rescue request for extra IV's needles.

Al Martin and Jon Tiernery and crew revised photos of area where Rachael is located. Situation is discussed on whether to try from top of ridge or go from Chimney Pond. Discussion was amongst Esther, Wilderness Rescue, Dirigo, Barry and Bob. With Esther nearest the scene, plans were made to go from Chimney Pond.

6:18 Navy helicopter over Katahdin asking for further instructions. 53 asked if members of Wilderness Rescue on board were equipped with IV's - response was negative. Navy to fly around and locate victim. 53 advises Navy that 112th with 5 members of WRT would be going in and drop off 5 WRT members. Navy dropped off 3 members WRT at Millinocket Airport and returned to Brunswick.  
7:20 A.M. few of WRT crew started for Chimney and false Chimney area  
7:30 A.M. Medivac hauled WRT gear from Millinocket Airport to Chimney  
8:23 A.M. Wilderness crew made voice contact with Rachael  
8:58 A.M. Wilderness crew splitting into two groups - one technical and one non-technical at base of Chimney - unknown about Rachael's condition.  
9:58 A.M. no updated news - Esther observed crew quite a way up and should be nearing her.  
10:07 A.M. Chimney Pond - called advising Wilderness Rescue at her elevation and will be crossing over to her - appears she may have a leg injury.  
10:20 WRT across from her - will be difficult transferring, her condition appears to be she is dehydrated, exhausted and bruise on calf of leg.  
11:15 A.M. about 100 ft. from her repelling down to her conversing with her regularly - appears alert.  
12:57 to be beside her very shortly - to check her out - lower in false Chimney - ask status of dirigo S&R - Dirigo

at Headquarters on standby.  
1:05 P.M. 53 requested whether Wilderness S&R needed Dirigo manpower - Wilderness advised that at this time their services were not needed - Wilderness feeding victim and setting up belay to lower her.  
1:30 P.M. Barry called Warden Service to advise of status.  
2:15 P.M. WRT belaying victim down false Chimney two belays down off false Chimney into Chimney.  
2:30 P.M. Wilderness RT advises victim doing very well indicating she wants to walk out to Roaring Brook. 53 asked for clarification - does she want to walk to Chimney Pond or Roaring Brook; Chimney advises she said she wants to walk to Roaring Brook. 53 asked Chimney Pond if WRT wants to be flown out, that was affirmative. For public record, anytime Medivac is involved with Search & Rescue, the victim is required to go to the ER.  
3:01 P.M. crew in Chimney just above snowcap - Medivac to go in and set down at Chimney.  
3:20 P.M. Chimney request possible use of helicopter hoist to hoist her out from outcropping of rocks bottom of Chimney.  
4:06 P.M. 53 requested update about hoist - Chimney advised Medivac thinking about situation. Wilderness requested additional personnel to help victim walk out - victim falling down several times - Chimney sending up six additional people.  
4:30 P.M. Stewart and 4 other people going up Chimney to assist Wilderness - Wilderness advises one more pitch - Medivac considering hoist operation.  
5:03 P.M. Chimney advised Medivac cranking and are going to try and attempt a skid landing; if not feasible, do a hoist.  
5:55 P.M. Medivac lands at Millinocket Airport with victim.  
6:10 P.M. 53 transports victim to Millinocket Regional Hospital. Rest of evening spent at Hospital while victim visited ER. Barry oversaw evacuation of Wilderness crews from Chimney and arranged transportation for Wilderness to Bangor.  
9:30 P.M. Started to transport Rachael to Roaring Brook - received call from Millinocket Fire to return to hospital. At hospital Rachael met up with Kay Rand and after a brief discussion, departed to stay in motel.  
9:55 P.M. Departed for Togue Pond.  
10:23 P.M. 53 10-7 at Togue.

6/13/93

Rachael report to 53 about her overnight on Knife Edge

Rachael advised me she had hiked from Roaring Brook with a party of nine to Chimney Pond. At Chimney Pond she and Kay Rand hiked with two 13 year old boys toward Baxter Peak. The boys went ahead and steadily continued to pull away from them. At Baxter Peak, Kay and Rachael started toward Knife Edge. Near South Peak, Kay started pulling away from Rachael. Rachael advised

that she was getting fatigued and was not quite sure whether she wanted to continue across Knife Edge. She continued getting to a point where she sat down. She rested a bit, debating whether to continue, she did not relish the idea of Chimney and Pamola areas. At that point she was very near the Chimney. She debated and decided to return across Knife Edge and go down the Saddle. Approximately midway across the Knife Edge, she tripped and stumbled, falling, rolling like a rock down over the side of Knife Edge. Somehow she was able to break the momentum and stop herself. She desperately grabbed for anything that held vegetation, rocks, etc. She has no idea how far she fell. During the fall her camera lens got shattered and water bottle got crushed. After assessing her injuries, scrapes, cuts, bruises, contusions, etc., she tried to go back up onto Knife Edge. The moist vegetation prevented her from going uphill. Every time she tried she would slip and slide. She tried transversing uphill toward South Peak, but ran into steep going. The only way she could make any headway was to go east and downward toward Chimney. She continued transversing downward until around 8:30 P.M. (she had a watch). At that point, she had run out of options of directions to go. She was in a technical climbing situation. She found a rock area that offered some shelter and stayed put for the night. The following morning she was able to hear Ranger Henderson calling her name, however could not see. From that time on she waited until rescue personnel arrived.

#### LEE BRAGG REPORT

Lee Bragg	45	623-4436 (H)
Scott Bragg	13	623-1596 (W)
Ross Bragg	6	
Zach Ellis	13	
Cornell Knight	38	
Kay Rand	38	623-1047 (H)
		622- (W)
Jessie Knight	10	
Jill Knight	6	
Rachael Therrien	38	

Everyone was at Chimney Pond at noon. Scott and Zach ascended Cathedral and come down Knife Edge and Taylor. Out by 4:00 P.M. Lee, Cornell, Ross, Jessie and Jill went to the caves and left Chimney Pond for Roaring Brook when Scott and Zach left Pamola. Also out by 4:00 P.M.

Kay and Rachael left Chimney Pond at noon, ascended Saddle and arrived Baxter Peak 2:30+. Plan was to do Knife Edge and Dudley, then out to Roaring Brook. Rachael wanted to move at her own pace and declined Kay's suggestion to descend Saddle. Kay last saw Rachael when Rachael was a short distance past South Peak.

Kay arrived at Chimney Pond at 5:00 P.M., waited 20 minutes and hiked out. Arrived Roaring Brook 6:45+.

No knowledge of reason for Rachael leaving Knife Edge, point of departure or time. She had wind jacket and pants, no light, little food.

Robert Howes  
Park Ranger II

## APPENDIX B SEARCH & RESCUE

### REPORT

TO: Chris Drew. Chief Ranger

FROM: Bernard Crabtree. Baxter Park Ranger I

*Bernard Crabtree/sjh*

SUBJECT: Hiking Accident, Doubletop Trail (West Side)  
Sunday, August 22, 1993

A party of six (3 guys and 3 girls) under the party name of Sandra Stavola (day-use) left Nesowadnehunk Campground around noon to climb Doubletop. Several of the girls turned back before the top. While descending Martin Luertomoza, age 25 of 39 Middletown Ave., Weathersfield, CT 06109, lost his footing on a very steep slippery slope (about 1/3 mile above large stream w/bridge) he slid 15 or 20 feet dislocating his knee.

One fellow stayed with him and the other ran back to Nesowadnehunk Campground and alerted Alice of the problem (I was away from the Campground at the time). Alice gathered a number of volunteers by the time I returned.

The accident apparently happened between 4 and 4:30 p.m. She was alerted about 5 to 5:15 p.m.

I called Loren (D.O.) and Steve Buzzell who called other Campgrounds and asked for help. I got a litter out, started 5 volunteers up the trail while I gathered more volunteers. (Mr. & Mrs. Bueckle, site #16 were in the first group, she had been in a ski patrol at one time and had first aid/rescue training). I started up the trail at 5:30 with 4 more volunteers.

As we hiked up I was in contact with more Park personnel on their way: Jodi Browning with 5 or 6 volunteers, the Buzzell's with volunteers, Loren Goode and Gabe & Marcia with more people.

I was about 50 minutes getting to the scene. Mrs. Bueckle with 6 or 8 other people had him in the litter and we moved him down the trail to a relatively open area (dead white birches). I had been talking on the radio with Steve Buzzell and he was contacting Air Guard through Togue Gate and Millinocket Fire - we were hoping for a cable lift with the helicopters. They were not able to get a "night vision" crew together however. So after a 20 minute wait we decided to go on with the carry.

We had at the scene about 35 people when we started down (another group coming down joined us). Although they were a little hard to organize they all did great work and made the carry must faster.

Jodi Browning did a fine job "tending" the victim.

It was quite a struggle lowering down the steep gully, across the bridge and then up the other side. Martin was in considerable pain by this time. After that we moved along quite steadily though it was after dark. The carry took a good 3 hours.

We met the ambulance from Millinocket at 10 p.m.

All involved did a very fine job and were very prompt getting to the scene.

Park personnel: Jodi Browning, Marcia & Gabe Williamson were of particular help. Steve Buzzell manned the radio at the campground and coordinated. Loren Goode, Gladys Buzzell and myself helped with the carry - several volunteers did more than their share. Mr. Branchard, Site #7 and Mr. & Mrs. Bueckle, Site #16.

(Typed from Bernard's handwritten draft, signed in his absence)



APPENDIX C SEARCH & RESCUE

INCIDENT: ANDREW LEVINSON, 21 YEARS OLD "FROZEN FEET"  
Chimney Pond February 4, 1993

Chapman Party, 11 members (Middlebury College, Middlebury, VT) arrived in on weekend, January 30 or 31 - some of party straggled to Chimney Pond on Monday February 1 (12 in. powder snow). The group leaders were not happy with ice conditions, talked of leaving for White Mtns. Four returned to Roaring Brook, the less experienced members stayed at Chimney Pond in lean-to #6. They did several lesser ice climbs and ascents Tuesday and Wednesday. Thursday February 4 A. Levinson and Rick Arms left at 10:30 A.M., signed out Little Pinnacle to Knife Edge (it was a very cold blustery day). Andrew signed out with me upon return at 4:00 P.M. He later, at his lean-to, in attempting to remove his boots, discovered his feet frozen in his stockings. His friend reported shortly to me that Andrew was at the bunkhouse. I went there and, with much help from Vrabel party, we soaked his feet for nearly 3 hours in quite hot/warm water. He was given several pain pills and fed hot supper. Feet were dried and kept slightly elevated all night. He slept well, stayed in bunkhouse. The Vrabel party (6) in bunkhouse were extremely helpful.

The next morning we inspected his feet, which were "very swollen and blistered." We wrapped them lightly in gauze, then fitted into makeshift coverings: split felts, oversize wool socks taped on and all covered with Baxter bags. With help of 3 of Vrabel party, I carefully sledged him to Roaring Brook; no real problems. We met Bob and Charlie with double tracks and tote sleds. We transported the remaining 6 party members and gear to Mile 14 (5, including the most experienced members had left the Park AM of February 4 from Roaring Brook). Charlie transported Andrew and another member to Millinocket Hospital.

Amy Grumprecht (Vrabel party) manned Chimney Pond radio AM of evacuation. Steve Day, volunteer, assisted with transport from Togue Pond where we met him.

Bernard Crabtree  
Baxter Park Ranger



APPENDIX D SEARCH & RESCUE

EMERGENCY KATAHDIN BIVOUAC OF THE  
MARK BALBAN/PETER MCGRANGHAN CLIMBING  
TEAM/ADAMS PARTY

On Wednesday February 10, 1993 this party left Chimney Pond after checking in with the Chief Ranger at 0612 hours. The team had 2-165 ft. ropes and all needed winter equipment, including a bivouac sack. The climbing plan was to climb the Cilly-Barber route which had been climbed the day previous by Bob and Dave Adams. All are members of the Adams party staying at the Chimney Pond bunkhouse. Weather conditions were mild following a week of low temperatures. The temperature was +18° F with winds at about 15 MPH. The forecast was for flurries with clearing in the PM. Both climbers are experienced ice climbers.

The party made good time and was last observed on the third large ice pitch when a combination of high winds and blowing snow obscured any view. They were last seen at about 1530. At about 2000 hrs. the group leader Bob Adams met with the Chief Ranger to discuss a plan in case the party failed to return to Chimney Pond during the night.

At 4 A.M., February 11, 1993, the Balban party had failed to appear at Chimney Pond. At 5 A.M. the Chief Ranger met at the bunkhouse with the Adams party of 5. Bob Adams, David Adams and Tim Breton would leave at approximately 5:30 A.M. with the Chimney Pond handi talkie, Binoculars and space blanket. They would call back on the hour every hour until contact was made. The Chief Ranger also prepared a quart stainless thermos of hot sweetened tea for the Adams party to share with the Balban party. This squad would be known as unit 10 and ascended the Cathedral Trail, the exit route of the Balban party. Al Byrnes and David Halpin, would follow the unit 10 group with a Sliding Austrian Snow Litter. The Chief Ranger gave them his handi talkie and instructions for use. This group would be known as unit 11 and would also ascend the Cathedral Trail. They would call Chimney Pond on the hour every hour.

At approximately 0630, February 11, 1993, unit 10 reported the sighting of 1 person south of Baxter Peak. This person appeared mobile. Unit 10 was near the first Cathedral. At approximately 0640, unit 10 reported sighting 2 mobile persons south of Baxter Peak and near the ridge line. Unit 10 would go to meet the Balban party.

At about 0700 hours unit 11 called Chimney Pond for instructions and update. They would hold fast until contact was made with unit 10 and an update on the physical condition of the Balban party. At about 0710, unit 10 called down that they had made contact with both members of the Balban party. There was no personal injury. Unit 10 was furnishing the Balban party with hot drinks. They would soon descend down the Cathedral to Chimney Pond. Contact was made with unit 11 informing them that they could return with the litter to Chimney Pond.

At 0748, unit 11 returned with the litter and handi talkie. They will keep the bunkhouse fires going pending the return of the Balban party. At 0848, unit 10 and the Balban party arrived at Chimney Pond. Both groups warmed up at the Ranger cabin and left at 0928 to return to the bunkhouse for food and rest.

Chris M. Drew  
Chief Ranger  
Baxter State Park

## APPENDIX E SEARCH & RESCUE

### AVALANCHE ACCIDENT

February 22, 1993

Chimney Pond

On Monday, February 22, 1993, the Smith party of 5, who were staying in the Chimney Pond bunkhouse left Chimney Pond around 9:30 A.M. to ski and snowshoe into the South Basin toward the Chimney. Approximately 6 inches on new snow had fallen in the latest storm and it was still snowing moderately. After the group reached the base of the Chimney, where the Chimney and Chimney meet, Peter Goebel moved away from the group into the run-out from the Chimney to photograph the other 4 members of the party. Wearing crampons on his climbing boots, he was hit by a small avalanche, swept off his feet, and was carried and slid roughly 150 feet, but not buried. Along the way his right crampon apparently hit a rock hard resulting in a painful, immobilizing injury to his right ankle, most likely a compound fracture. He was moved to a safer location under the rocks to the right of the Chimney, and 2 members of the group, Paul Smith and Carl Stewart, stayed with him while the other 2 members of the group, Jack Lynch and Robert Slater, returned to Chimney Pond to report the accident and get help. At approximately 12:30 P.M., they reached Chimney Pond and informed me of the accident, following which I notified Millinocket Headquarters by radio that an evacuation would likely be needed. Gathering up necessary gear and the snowsled litter, the three of us departed at 1:00 P.M. for the Chimney, reaching it shortly after 1:30 P.M. While preparing a makeshift splint and the litter, we were hit within 10 minutes by 2 power avalanches, but the brunt of the snow was off to our side, and no further injuries were sustained. We then proceeded to work the litter down to Chimney Pond. In the meantime, Al Cooper broke trail on his snowmobile up to Chimney Pond from Katahdin Lake camps, while Rangers Barry MacArthur, Charlie Kenney, and Loren Goode traveled from Millinocket and Togue Pond. On the way down, we were met in the brook about 1/4 mile from the Pond by Barry and Charlie on their snowmobiles. On reaching the Chimney Pond Ranger Cabin, we moved the injured party inside to warm up and splint his leg and ankle, after which he was carefully moved outside onto the back of Charlie's doubletrack and then transported along with group leader Paul Smith to their vehicles at Mile 14 on the Golden Road by 6:30 P.M. He was then taken to the hospital by Paul Smith, where he was diagnosed with a compound fracture of his right ankle and leg.

John Gondek  
Chimney Pond

APPENDIX F  
BAXTER STATE PARK  
PROPOSED POLICY FOR STORAGE OF PRIVATELY-OWNED  
WATERCRAFT

Historically it has been a tradition for a number of people within the local communities surrounding Baxter Park to store their personal watercraft/boats and canoes at some of their favorite outlying ponds. However in recent years it has come to our attention that the numbers are increasing substantially, particularly at Rocky Pond and with these increased numbers, we are noting side impacts such as cutting of green trees for canoe racks, driving of nails into trees and the individual construction of various types of canoe racks and security devices.

Because each watercraft is in a separate location, individual trails to those are causing erosion and vegetation deterioration problems. In the most remote areas, specifically the Fowlers, there is a continuing litter problem and conflict between the watercraft owners and registered campers using the same site.

With this brief background, the following steps will be implemented for the trial period effective April 1, 1993 to April 1, 1994, in an attempt to stabilize and, in fact, minimize impacts:

1. A moratorium is placed on the new registration of existing watercraft on ponds within the Park with emphasis on decreasing numbers over time.
2. BSP will enforce the canoe registration policy and remove and take possession of boats and canoes which have not been registered by July 1, 1993. Watercraft registrations are non-transferable.
3. Registrants are encouraged to share watercraft to reduce the overall number of registered watercraft.
4. Registrants shall be required to affirm the seaworthiness of their registered watercraft.
5. BSP will maintain an inventory of Park rental canoes and upon request provide users with this inventory.
6. As necessary, BSP will identify watercraft storage areas for registered canoes and provide a trail system to those areas.
7. Storage of watercraft accessories will be limited to paddles and/or oars, anchor, and security devices. PFD's (personal floatation devices) will be transported to and from on each occasion.
8. No additional personal canoe racks will be constructed and if the Park chooses to provide canoe racks for all watercraft, they shall be designed in size and capacity to accommodate the registered watercraft stored at those ponds.

9. No registered watercraft will be stored in an authorized campsite.
10. A party camping in an authorized campsite may store an un-registered watercraft in the campsite for the duration of their reservation.
11. Registrations will be limited to one per person per pond.
12. Temporary passes issued on a first come first serve basis, not to exceed 12 valid passes in use at one time, may be obtained to permit temporary watercraft storage on specified ponds.

There are other considerations on this subject that need to be discussed in detail, such as year round storage, research on pond capacities and how many people fish the ponds. However, these issues can be dealt with at another time and will not become operating procedures this calendar year. Consequently status quo practice is acceptable for the calendar year of 1993 through April of 1994.

Signed: Buzz Caverly  
Irvin C. Caverly, Jr.  
Director  
Baxter State Park

APPENDIX G

ANNUAL REPORT OF MAINE SCIENTIFIC COLLECTOR PERMITTEE  
FOR THE CALENDAR YEAR, 1993

IMPORTANT: This report must be submitted on or before January 31,  
1994 to the:

Maine Department of Inland Fisheries and Wildlife, Wildlife Research  
Section, P. O. Box 1298, Bangor, Maine 04402-1298.

I herewith submit my report of activities conducted under Maine  
Scientific Collector's Permit dated Jan. 6, 1993 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:

July 5, 1993 - Live trapped one bear at Camp Natarawi (T2R9) and  
released in Aroostook County (T5R9)

July 18, 1993 - Live trapped and released a 360 pound male bear  
(previously tagged w/#0395). Bear was caught at Katahdin  
Stream Campground (T3R10) and released in Aroostook County  
(T7R5)

Beaver:

May 31, 1993 - Live trapped 1 beaver T2R9 and released at Kidney Pond  
(T3R10)

June 8, 1993 - Live trapped 1 beaver in T2R9 and released at Kidney  
Pond T3R10

Please list current subpermittees:

Thomas Chase  
Loren Goode

Jean Hoekwater  
Robert Howes

Charlie Kenney  
Barry MacArthur

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, Baxter State Park

ADDRESS 64 Balsam Drive, Millinocket, Maine 04462

ZIP CODE

STATE OF MAINE  
FOREST FIRE REPORT

#79

1. TOWN <u>TORRIS</u>		2. ORG. STATUS <u>U</u>		3. COUNTY <u>PISCATAQUIS</u>		4. NAME OF FIRE <u>HUDSON PD</u>	
GEOCODE <u>21859</u>							
5. Fire Probably Started	Date <u>8-9-93</u>	Time <u>1700</u>	11. Ranger Notified	Date <u>8-14-93</u>	Time <u>1315</u>		
6. Fire Discovered	<u>8-14-93</u>	<u>1305</u>	12. Ranger 10-8	<u>8-14-93</u>	<u>1345</u>		
7. Crew Started For Fire	<u>8-14-93</u>	<u>1345</u>	13. Ranger at scene	<u>8-14-93</u>	<u>1720</u>		
8. Fire Fighting Started	<u>8-14-93</u>	<u>1720</u>	14. Aircraft notified	<u>8-14-93</u>	<u>1506</u>		
9. Fire Controlled	<u>8-14-93</u>	<u>1800</u>	15. Aircraft 10-8	<u>8-14-93</u>	<u>1512</u>		
10. Patrol Ceased	<u>8-16-93</u>	<u>1900</u>	16. Aircraft at scene	<u>8-14-93</u>	<u>1600</u>		

17. CAUSE (check one cause and specify subdivision)			FOR RANGER USE ONLY					
<input checked="" type="radio"/> LIGHTING 2. CAMPFIRE (1) Camper (2) Fishermen (3) Hunter (4) Woodworker (5) Other _____ 3. DEBRIS BURNING (1) Blueberry (2) Prescribed Burning (3) Dump (4) Incinerator (5) Grass (6) Brush (7) Rubbish (8) Other _____			4. INCENDIARY (1) Grudge (2) Deer burn (3) Other _____ 5. MACHINE USE (1) Truck or tractor (2) Power saw (3) Power line or elec. fence (4) ATV (5) Other _____ 6. SMOKING (1) Camper (2) Fishermen or hunter (3) Tourist (4) Woodworker (5) Other _____			7. RAILROAD (1) Exhaust (2) Brake shoes (3) Other _____ 8. CHILDREN (1) Matches (2) Campfire (3) Smoking (4) Other _____ 9. MISCELLANEOUS (1) Structure (2) Glass (3) Other (4) Unknown (5) Fireworks		
Indicate location of fire Scale 1 in. = 3 miles								
18. CERTAINTY OF CAUSE (1) Guess (2) Probable <input checked="" type="radio"/> Positive								
19. FIRE REPORTED BY (1) Tower Time _____ (2) Acft Pat. Time _____ (3) Ranger Time _____ (4) Other Time _____ <input checked="" type="radio"/> Pri Acft Time <u>1305</u>								

20. ESCAPED PERMIT FIRE ( ) Yes (x) No	21. TYPE OF FIRE <input checked="" type="radio"/> Underground (2) Surface (3) Crown (4) Snag	22. MOST COMMON FUEL <input checked="" type="radio"/> Conifer - mature (2) Conifer - young (3) Conifer - slash (4) Hardwood - mature (5) Hardwood - young (6) Hardwood - slash (7) Brush - shrubs (8) Grassland (9) Marsh/Bog
--	--	--

23. LAW VIOLATION (1) Which law violated _____ (x) No law violated	24. RESULTS OF VIOLATION : AMOUNT PAID - FIRE COSTS \$ <u>N/A</u> FINE \$ _____ (1) Convicted (2) Not Convicted (3) Paid Fire Costs (4) Warning (5) Insufficient Evidence (6) Case Filed
--	--

FOR RANGER USE ONLY				
25. OWNER OF LAND <u>BAXTER STATE PARK</u>	26. STRUCTURES (1) No. Destroyed <u>0</u> (2) No. Damaged <u>0</u> (3) No. Threatened <u>0</u>	27. ACRES BURNED <u>.5</u>	28. DAMAGE \$ <u>0</u>	29. SUPPRESSION COST \$ <u>5338.89</u>

30. REMARKS		
31. TOWN WARDEN SIGNATURE	32. ADDRESS	33. DATE

# RANGER USE ONLY

34. FIRE CODE 9133200793200		35. WTRSHED 3200		36. EXCISE TAX (X) YES NO		37. LATITUDE 68594610		38. LONGITUDE 112		39. W.D.		40. MAN HRS TO CONTROL 206266		41. S.I.		42. D.I.	
43. B.U.I. 01211		44. FORM OF HEAT OF IGN 73		45. DEGREE OF CERTAINTY HEAT OF IGN 11		46. EQUIP INV IN IGNITION 098		47. TYPE MATERIAL FIRST IGN 013		48. IGNITION FACTOR 84		49. PERSON RESP 10					
50. AGE N/A		51. SEX N/A		52. ACTIVITY INV IN FIRE START N/A		53. FUEL TYPE 18		54. FIRE BEHAV AT INIT ATTACK 2		55. METHOD OF INIT ATTACK 1		56. SIZE OF FIRE AT INIT ATTACK :50					
57. RNG ACTIVITY AT SCENE 11		58. ID OF RNG AT SCENE 12		59. RANGER CALL NO. 323		60. TOWER ACTIVITY 5		61. AIRCRAFT ID 2		62. AIRCRAFT ACTIVITY 3		63. NUMBER OF GALLONS DROPPED 0					
64. ACRES BURNED(to the nearest .0 acre, - colon indicates decimal point)																	
TYPE		COMMERCIAL Land Capable of Producing Crops of Industrial Wood				NON-COMMERCIAL Incapable of producing Forest Crops or Withdrawn from Use				NON-FOREST Agricultural fields or Where fires are Fought to Protect Forests				TOTAL ACRES			
ACRES		:				:5				:				:5			
65. DAMAGE(to the nearest dollar, if any)																	
CUT PRODUCTS		RECREATION		WILDLIFE		REAL PROPERTY		PERSONAL PROPERTY		FOREST STANDS		TOTAL DAMAGE					
												0					
66. SUPPRESSION COSTS(Actual cost, -colon indicates decimal point.)																	
		LABOR				EQUIPMENT				OTHER				TOTAL			
DIRECT COSTS		1192650				21534				113711				227895			
INDIRECT COSTS	STATE	35334				27660				:				365794			
	FIRE DEPT	:				:				:				:			
TOTAL		2279984				292194				113711				5338 2279984			

## 67. REMARKS - STORY OF FIRE

FIRE REPORTED BY PRIVATE AIRCRAFT - NEAR HUDSON Pond in BAXTER PARK. RANGER AND CREW STARTED FIRE. BSP NOTIFIED AND CHRIS BREW RESPONDED TO AID RANGER-RENTIE AREA. AIRCRAFT STARTED FROM GREENVILLE USED TO TRANSPORT CREW/EQUIP WITHIN ONE MILE- OTHERWISE 4 MILE WALK. Put control line around fire - RETURNED IN EARLY AM TO MOP UP. Very Hot - burning deep - WATER DIFFICULT TO FIND. CREW WORKED AT IFALS CLEANING AND REPAIRING EQUIPMENT

SIGNATURE OF UNIT RANGER

*Debra L. [Signature]*

DATE

15-Sept-93

DATE

15 Sept 93

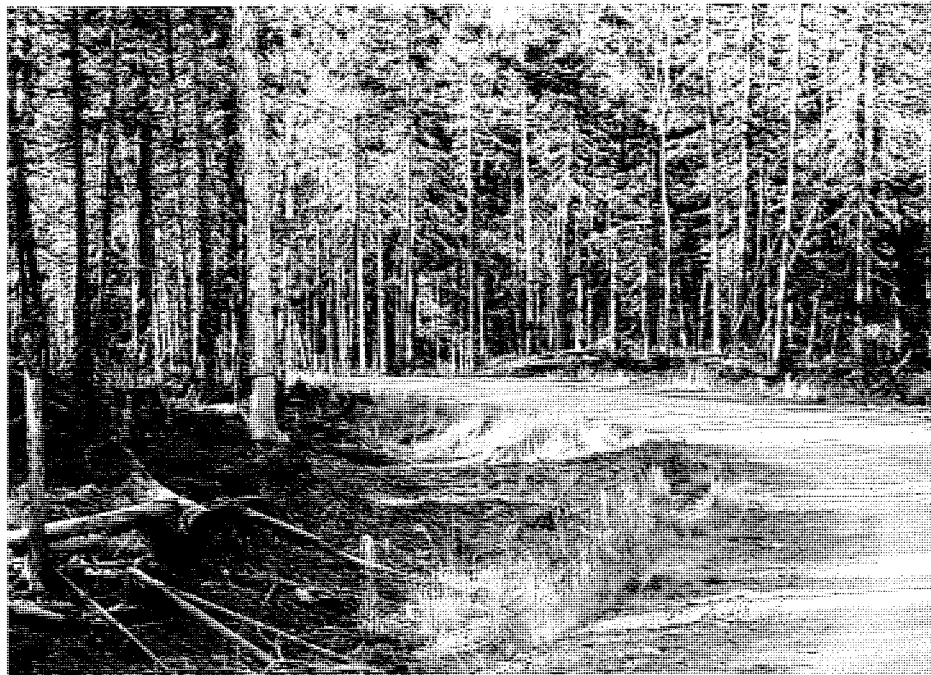




*Scientific  
Forest  
Management  
Area*

Jensen Bissell, Resource Manager





**John Evelyn, a leading citizen of seventeenth-century England, summed up the significance of wood to past societies with the observation that "all arts and artisans (i.e., the material culture) must fail and cease if there were no timber and wood..." Evelyn did not exaggerate when he stated that the England of his day would be better off "without gold than without timber." Wood, indeed, was our ancestors' chief resource."**

**From: A Forest Journey, the Role of Wood in the Development of Civilization, by John Perlin**

### **ISSUES AND ADMINISTRATION**

The Scientific Forest Management Area Advisory Committee met three times in 1993; on January 28th at the US. Forest Service office in Stillwater, on April 23rd at the Penobscot Experimental Forest in Bradley and on September 16th for the 7th annual SFMA field tour. At the January 28th meeting Bob Frank resigned as chair after several years of dedicated service in this position. Bob continues to serve on the committee as a member. Joe Wiley was elected to chair at the same January meeting. The April meeting of the Advisory Committee reviewed the 1992-93 operational year and discussed plans for a

desktop Geographic Information System (GIS) for the SFMA. The fall field tour returned to the north side of Webster Stream for a review of forest operations over the past 4 years and a close look at the Rottne single-grip harvester as the system entered its' second year of operations on the SFMA.

Early in 1993, Dr. Ray "Bucky" Owen informed me that while hunting north of Wadleigh Mountain in the southeast corner of the SFMA he observed an area of forest that he felt was possibly undisturbed by past logging or fire. If true, this would prove to be a rare combination. It is not difficult to find areas, especially on steep and inaccessible terrain, that have not been previously logged. Areas that have not, at least recently, been burned over are similarly not too hard to find. In Maine it is a rarity to find the combination of the two. Consequently, on July 27, Park Naturalist Jean Hoekwater, Don Hudson, Bill Butler and myself met Bucky Owen at Trout Brook crossing and hiked into the woods north of Trout Brook to find and examine the area. After several hours (a walk through the woods with Bucky is never a straight walk through the woods) we entered the area in question. Due to the lateness of day we didn't have much time for examination but after an hour or so we left convinced that the area appeared to have unique qualities. In late October I again visited the area with SFMA Advisory member Dr. Robert Seymour. This visit provided time for a more thorough examination including the collection of cores from a number of large spruce stems. The possibility that this area may provide some unique characteristics in terms of stand structure and forest development was again confirmed by this visit, but also confirmed by this visit is the need for closer examination. This effort will be a focus in 1993. Our initial walk-through indicate that the area in question has significant size (300+ acres) and may be unique in the sense of being a mature and undisturbed forest setting with significant typing of spruce stands. If these indications prove to be true then there are a number of challenging management questions to answer regarding the treatment of this type of forest within the mandates of the deeds of trust for the SFMA. We live in interesting times.

Operations and administration of the SFMA has been accomplished since 1987 with a resource manager and a one-day-per-week consulting forester. For the most part this has worked satisfactorily, due in large part to the competent and effective efforts of Forest operations contractor Randy Cyr and his crew. As operations have progressed, however, the workload required to gather and document the information critical to the appropriate long-term management of an area like the SFMA, to maintain the aesthetic standards of the area and to administer to the recreational and public relations needs has increased. From a park-wide perspective, each summer has presented problems in coverage when a position is suddenly vacated due to injury or illness or other unforeseen events. In late 1993 Park Director Caverly moved to address both concerns with the assignment of a Forest Technician/Roving Ranger position. Application to reclassify the existing unfilled position of Maintenance Supervisor was approved by the Department of Human Relations and advertising for the position began in December of 1993 with a target of filling the position in the spring of 1994. This position will provide field assistance in cruising, marking, harvest scheduling, road and facilities maintenance and resource data collection. For part of every season it is also expected that this position will provide

coverage as needed in a wide variety of field positions from park gatehouses to hike-in campgrounds.

During 1993 a University of Maine College of Forest Resources graduate approached park staff with a proposal to use the SFMA as a project base for Geographic Information System work towards a Master of Forestry degree. The project would involve a combination of digitizing and geographic position data to create mapping and GIS files for the SFMA suitable for use in some of the newer desktop GIS software. The GIS files would link to the SFMA database files to provide a visual answer to the landscape management questions that we are just starting to ask about the SFMA. The system, once in place, also held promise for uses involving Baxter Park as a whole including the production of a variety of maps as well as the visual presentation of statistical data gathered over time on park use.

In March, I accompanied Andy Goodwin for a day in the SFMA. Using snowsleds and portable geographic positioning equipment, we covered most of the roads on the SFMA and many of the specific identifiable landscape points such as where a property boundary intersects a lake or a harvest boundary touches a road. Andy combined these GIS points with long hours at the digitizer and completed his report in May. The data compiled by Andy was available for the Park and in December the Park purchased a computer and digitizer capable of running desktop GIS software. Park volunteer Mike Haskell was of great assistance in this purchase. Efforts in 1994 will involve getting the system up and running, digitizing changes in the landscape that occurred in 1993 and linking our database to the landscape.

After missing a year because of snow conditions, 1993 offered an opportunity to fly the SFMA and survey the area in late winter for deer activity and current and potential deer wintering areas. Instrumental in making this effort was SFMA Chairman and Inland Fisheries and Wildlife Biologist Joe Wiley. As a result of these on-the-ground efforts a plan for Deer Wintering Area Management was developed for the SFMA. Areas designated as DWA will be incorporated into the overall landscape management perspective through the GIS system.

Late December brought a sad event in the passing of Jim Drake, long-time northwoods figure and for the past 16 or 17 years dam keeper for Bangor Hydro at Telos Dam. Jim's door was always open and the coffeepot was always on to sit and chat about goings on. He will be missed by many. A group that is sure to miss Jim is the canoeists that run the Webster Stream route. Via arrangement with Bangor Hydro, Jim would raise the dam gates to provide sufficient water in Webster Stream for canoeists to run the stream in the drier mid-summer months. At least for the near future, Bangor Hydro does not plan to replace Jim's position and will control the gates of the dam for water storage needs only. For the majority of the time in 1994, canoeists will have to cope with the natural water levels of Webster Stream.



Halfway Brook Shelter

### **FOREST EDUCATION**

On May 19th Dr. Al Kimball arrived at the SFMA with what is becoming an annual stop for the UMO summer field forestry students. As usual, this group is knowledgeable and interested in the activities and issues involving the SFMA.

In May, the SFMA was one of the field tour offerings of a large Natural Areas Conference held in Orono. The SFMA tour was organized and administered by Park Naturalist Jean Hoekwater as one of a series of days in Baxter Park. With individuals from natural resource work all around the United States, this group brought a wide breadth of experience to the discussion of issues and activities on the SFMA. This tour was as much a learning experience for the tour guide as it was for the group.

In late October, the SFMA was toured by an "Audubon Expeditions" group. This group was composed of graduate level college students oriented in a variety of sustainable and natural systems curricula. The group endured some raw late October weather for an extensive tour.

Without a doubt, there is one experience in forest education that stands out as the highlight of 1993 and very likely for many years to come. Early in 1993, Dr. Maxwell McCormack, Saunders Chair of Hardwood Silviculture at the University of Maine, began to organize a silvicultural tour of Germany and surrounding countries. Max was gracious enough to offer an invitation to me to attend if possible. Making this trip a reality was a combination of consideration of the Park Director and the Baxter State Park Authority and a long period of effort by members of the SFMA Advisory Committee, particularly Charles Gadzik and Jerry Bley. My sincerest thanks to all those who helped allow this experience. The tour that Max organized was clearly one of the most educational forestry experiences of my life and thanks to Max's meticulous organization, the tour was organizationally flawless. The tour covered a wide array of forest types and approaches to forest management in Germany and Switzerland. The presentations by a number of foresters in these countries was open and in-depth and provided a clear view of both the specifics of forest culture and development as well as the relationship of the forest to a society in terms of history, economy, recreation and the culture of the people themselves. It was clear in our travels that the forest culture we were viewing was very likely the same culture that had so influenced Percival Baxter in his travels, resulting in the creation of the SFMA as an opportunity to approach the care and development of forest systems with the same perspective that is evident in European countries. Demographics, cultural emphasis and economic differences prevent European forestry from being simply a template to be applied verbatim in the United States, but there were many ideas that could be readily applied to improve our way of thinking. A full report on this tour would take many more pages than are available in this format - what is more important is how the experience manifests itself in the forest management of the SFMA.

### **PUBLIC RELATIONS**

In January I offered a presentation on the SFMA as one of the scheduled "Noon Seminars" at UMO's College of Forest Resources. This presentation was well attended and received. In May I again offered a presentation on the SFMA at the University of Maine for the Natural Areas Conference. In July I spent a day in the SFMA with Maine Times reporter Phyllis Austin. Phyllis's article came out in a later edition of the weekly.

### **FOREST OPERATIONS**

With the considerable assistance of Park volunteers Tom and Adam Goetz, Frank Trautmann and Ed Smith, a picnic shelter was erected near Halfway Brook in compartment 9 of the SFMA. This shelter will provide a central gathering point for tours, especially during rainy weather, and will likely receive occasional use by casual visitors and hunters.

Work continued at the Coffeelos crew camps and included grass seeding and tree planting by both Park and Public Lands.





Andy Anderson in the Rottne single-grip harvester

This year the eastern township line of T6. R10. was located. This is an interior subdivision line and as such it has gone some time without painting. This will be accomplished in 1994.

The construction of forest roads continued in 1993 in a pattern similar to previous years. A listing of roads constructed is as follows:

<i>Brayley Ridge Road extension</i>	<i>2985'</i>
<i>Fisher Road</i>	<i>2675'</i>
<i>Raven Road</i>	<i>2875'</i>
<i>Eichen Road</i>	<i>2455'</i>
<i>Webster Ledge Extension (winter)</i>	<i>2620'</i>

Some of the access roads and most of the roads built on the SFMA prior to 1986 had brushed in considerably over the years. This condition was remedied in 1993 with a contract let to Jim Cunningham to provide an operator for Park roadside mowing equipment. Jim spent about 2 weeks on roads in and around the SFMA.



### Post-harvest; Compartment 11, Block 21

Harvesting work on the SFMA continued in 1993. This year marked the sixth year of service of Randy Cyr as forest contractor and the second year of operation of the Rottne single grip cut-to-length system. This approach to forest management continued to prove itself on the SFMA with great flexibility in harvest levels, wood sizes and utilization as well as excellent protection of reserve trees and regeneration and a light footprint on forest soils. Harvesting work also included a conventional crew employing a skidder and chainsaw. This year saw the coupling of these systems in road right-of-way clearing activities. Randy's crew working on the SFMA in 1993 included:

Skidder crew: Marvin Collier and Walter McManus

Rottne crew: Andy Anderson and Milford Hartin

Trucking: Rusty Springer

Road constr. Brian Boutlier

Wood prep, loading, plowing, sanding etc.: Alston Crandall, Dean Slaunwhite, Mike Detour

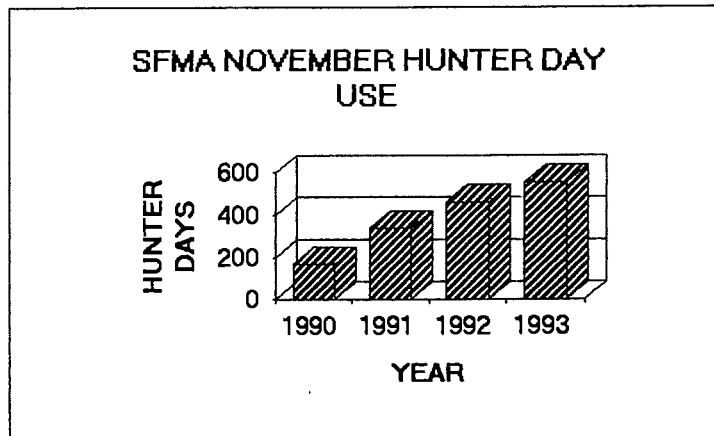
Nearly 100% of the wood harvested in 1993-94 was marked for harvest. This is no mean feat in time and effort and was ably accomplished by consulting forester John Mills. 1993 marked John's 7th year of association with the SFMA and this long experience has been of great benefit to the PARK. A summary of harvest activities and volumes by product is as follows:

<b>CMPRTMNT</b>	<b>BLOCK</b>	<b>ACCESS</b>	<b>ACRES</b>	<b>TYPE HARVEST</b>
5	3	Webster Ledge	40	Shelterwood
5	5	Webster Ledge	26	Shelterwood
5	7	Webster Ledge	28	Shelterwood
9	24	Oven Bird	25	Shelterwood
9	31	Oven Bird	16	Shelterwood
9	43	West Spur	30	Shelterwood
9	47	West Spur	41	Shelterwood
11	38	Madunkchunk	16	Selection
11	46	Moosebone	35	Selection
11	47	Moosebone	31	Shelterwood
11	48	Moosebone	42	Shelterwood
11	50	Crossbill	23	Shelterwood
11	51	Brayley Ridge	25	Selection
11	52	Madunkchunk	44	Selection
11	62	Crossbill	2	Strip cut
11	54	Madunkchunk	10	Overstory Removal
11	55	North Line	57	Shelterwood
11	59	Moosebone	32	Shelterwood

523 acres harvested

1993 saw another year of volunteer assignments to the Webster Lake camp. For a number of years now the Webster Lake volunteers have provided assistance to the Park by monitoring recreational traffic on Webster Lake, performing maintenance work on facilities and providing an extra measure of safety for the canoeist traveling down the Webster corridor. Projects completed through the efforts of volunteers included a new roof on the Webster Lake camp, the construction of a picnic shelter in the SFMA, the painting of the three large SFMA entrance signs and the prefab of a new leanto for the Webster Stream site. As with all the volunteers providing service to the Park, our thanks go out to you.

Hunting use continued to increase in 1993. Weather conditions through November seemed about average and included some light snow in the latter part of the month. Although the numbers may be confounded by an increasing compliance in filling out registration cards, it seems apparent to me that hunting use is continuing to increase on the SFMA. The following chart depicts the use patterns for the last 4 years:



### **OTHER ACTIVITIES**

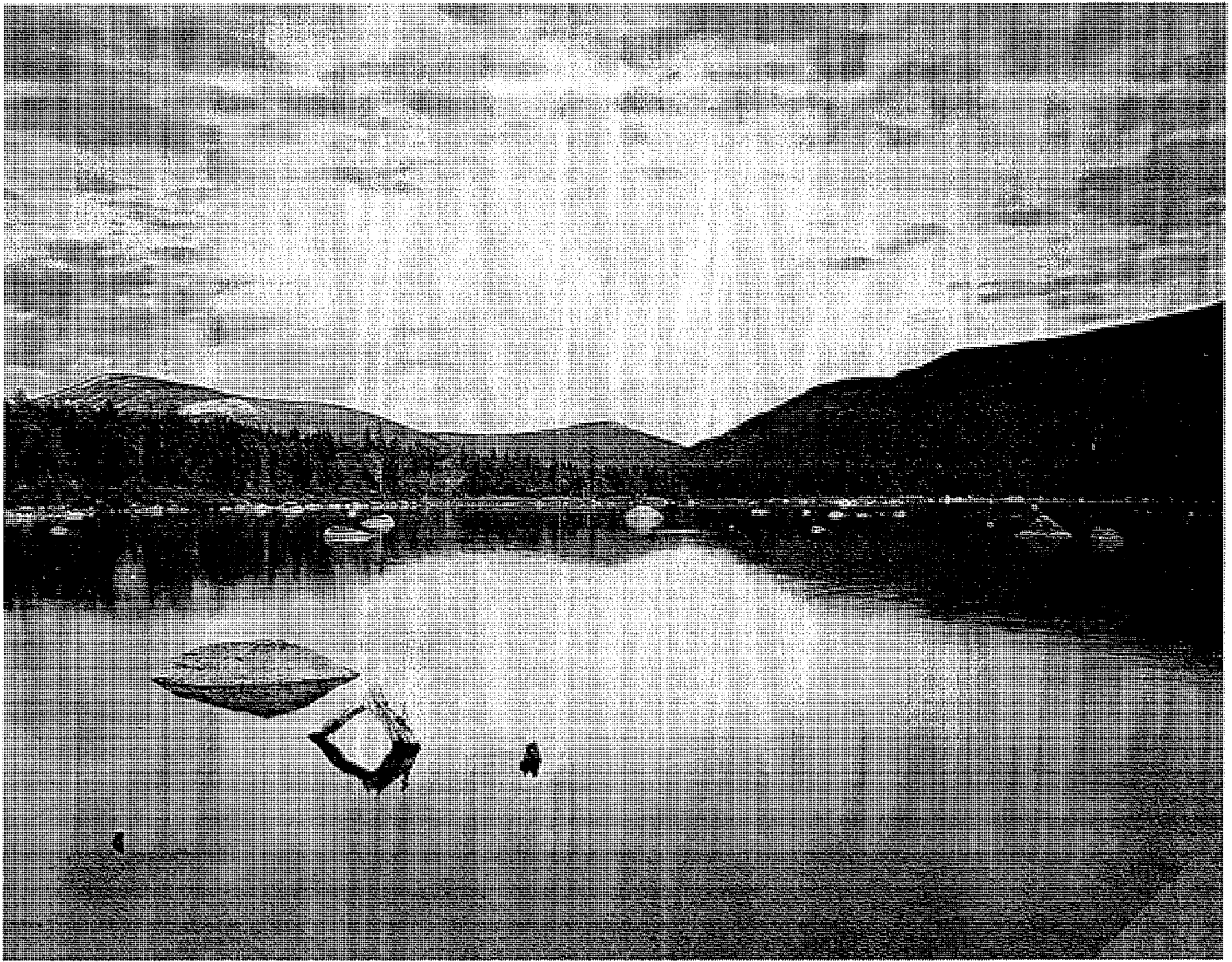
A guide to management on the Austin Cary Lot in Harpswell was developed with the assistance of the Austin Cary Lot Advisory Committee. The guide was approved by the B.S.P.A. and will provide initial direction in the management of this interesting and diverse portion of the coastal landscape.

Bundled firewood sales continued on BSP in 1993 with great success. So great that we ran out of bundles in early October. Plans for 1994 will reflect our experience and hopefully we will avoid any future shortfalls.

I participated the clearing and bulldozing work necessary to prepare the new site for the Togue Pond gate



Post-harvest; Compartment 11, Block 51



### INFORMATION/EDUCATION REPORT

In such places, standing alone on the mountaintop, it is easy to realize that whatever special nests we make--leaves and moss like the birds, or tents or piled stones...we all dwell in a house of one room - the world with the firmament for it's roof - and are sailing the celestial spaces without leaving any track.

John Muir



INFORMATION/EDUCATION  
JEAN HOEKWATER, BSP NATURALIST

I PUBLIC PROGRAMS

The following are some of the agencies or groups which hosted programs given by the Park Naturalist January - December 1993:

- University of Machias
- Narraguagus High School
- Houlton High School - Beacon School Community Celebration
- Island Falls Girls Scouts
- Gamma Chapter, Alpha Delta Kappa Teachers' Sorority
- East Millinocket Boy Scouts
- Opal Myrick Middle School
- Millinocket 7th grade - 2 day Science Camp
- Sherman Mills Fourth Grade
- Millinocket 6th grade - Katahdin Streams Falls hike
- Opal Myrick Katahdin Stream Falls Hike
- Patten Elementary
- Mattawamkeag Wilderness Park - Boy Scout Camporee Weekend
- Natarzwi Girl Scout Camp - Leaders' Training Hike
- Upward Bound annual BSP field trip
- SAD #25 Science Camp
- Millinocket 8th grade - So. Turner hike
- Hodgdon Middle School
- Houlton Middle School - Potato Harvest Camp
- College of the Atlantic - Resource policy/BSP field trip
- Millinocket Brownie Scouts
- 3 Daicey/Kidney programs (list of summer Kidney/Daicey programs included in the Appendix to this section)

II NATURAL AREAS ASSOCIATION 1993 ANNUAL CONFERENCE

The Natural Areas Association is a national nonprofit organization of individuals engaged in identifying, studying protecting and managing natural areas and natural diversity. Hank Tyler, representing the Maine State Planning Office, organized the week-long 1993 annual NAA conference and pre- and post-conference workshops hosted by the State of Maine and based in Orono. Baxter State Park was asked to contribute to the conference in a number of ways. Park Director Buzz Caverly was asked to run a full day lecture/tour through the Park during the conference week. Resource Manager Jensen Bissell was asked to be part of a morning panel discussion on the general subject of "Preserving Natural Areas Within a Working Landscape" as it applies to his operations in the Park's Scientific Forest Management Area. Those presentations will be covered elsewhere in this Annual Report. Hank also asked the Park to host a 3-day pre-conference field trip in Baxter State Park for one dozen conference participants. Don Hudson, Botanist, Executive Director of the Chewonki Foundation and an ad hoc member of the BSP Advisory Committee, co-led the excursions with BSP Naturalist Jean Hoekwater and her summer assistant Anne Loyd. Participants were from as far away as Hawaii, Missouri and Texas and as nearby as



New Hampshire and Southern Maine. They spent part of one day exploring wetlands, a wonderfully clear day crossing Knife Edge and exploring Mt. Katahdin and one day viewing SFMA operations with Resource Manager Jensen Bissell. The group stayed at Kidney Pond and enjoyed their evenings as much as the field trips. Fine food was provided and additional leadership by Jack and Zoe of the Chewonki Foundation. Although it is unusual for the Park to host such an event, it was well worth the effort in terms of the contacts and positive public relations generated. The cooperation of Chewonki personnel, Maine State Planning Office and BSP staff was a positive example of natural resource preservation efforts throughout our State.

### III PARK USE COMMITTEE

The Naturalist is the staff liaison for the Park Use Committee, John Loyd is the Committee Chair. The first half of 1993, the PUC found itself charged with gathering information and forming a recommendation for the Advisory/Authority regarding the Maine Bikers' Association's request that the Park allow motorcycles on Park roads. The PUC held several meetings which were attended by concerned citizens and MBA members as well. Their examination of the issue resulted not only in a recommendation that the motorcycle ban remain in effect, but a realization that the time had come to carefully examine all forms of use in the Park. In July, the BSP Authority voted to uphold the ban, in favor of the Committee's recommendation and formally charged the Committee to form a work group on traffic, bridges and vehicles in the Park.

While the motorcycle question was being resolved, PUC member Ben Townsend carefully prepared a new version of the regulations for Committee review. The new version had objectives: (a) readability - language pared down and easily understandable; (b) relatively few new additions - no generators, no cellular phones, no animals released; (c) separation of fee information from regulations text and (d) separation of fee-setting from the State's Administrative Procedures Act, APA. Greater flexibility in fee setting would allow us to responsibly adjust occasional overshooting or undershooting of any fee proposal with the minimum 2 years wait, we are currently subject to under the APA process. Given the extensive public process required at the Park level, the Committee has suggested that the additional time involved in the APA process is only repetitious and is a deterrent to effective, accountable management of operations. Also in the spring of 1993, discussion was carried over on the subject of Togue Pond Gate. After lengthy discussion in the fall regarding rotaries, shuttles and other experiments, a sub-group of the PUC led by Frank Clukey proposed and with the help of BSP Park Director and staff, implemented a modest, but effective change. The control booth was moved down to the "Y" in the road where the main Park tote road (previously called "Perimeter Road") and the Roaring Brook road diverge. The move required the least site manipulation of any choice; the road was widened and graded on both sides of the control booth, wooden posts were

installed along the sharp drop-off of the esker on one side, appropriate signage was installed, and the necessary radio tower, with minimal impact. The new location of the booth enables gatehouse attendants to monitor and close off access to the Roaring Brook Road without requesting additional staff coverage to block the road, as was necessary in the old location.



Approaching new gatehouse location from Roaring Brook

Approaching new gatehouse location from Katahdin Stream

Since early fall, PUC Chair John Loyd has prepared the PUC to tackle new challenges by carefully looking at the workload and assignments and adjusting the internal organization; of the Committee. Currently, there are 3 sub-groups of the PUC, with specific tasks:

1) The Visitor Information Group - chaired by Ed Dwyer.

The group is assigned to consider and propose ways in which the Park can effectively improve information relay to area and Park visitors. Key efforts include proposal, design and implementation of a Visitor Information Center on the newly-acquired Togue Pond property (using an existing building), recommendation to the Authority that an Administrative History update, 1970-1994 be commissioned, and proposal and possible implementation of a low power AM radio information station.

2) Transportation Group - chaired by Rodney Hanscom.

This group is an outgrowth of the discussions on motorcycle use earlier in 1993. A number of road/vehicle/bridge use-related issues have come up recently and will be dealt with as the need arises.

3) Regulations Group - chaired by Ben Townsend.

This group will periodically be activated by Chair Loyd when a

regulation or set of regulations need revision.

4) The entire Park Use Committee - chaired by John Loyd. Assignments to the above 3 categories have freed up the Committee at large to apply energies to the "Limits to Acceptable Change" process for dealing with user capacity and resource impact questions.

The goal of working with with LAC materials, developed by the USDA, US Forest Service and adaptable to a wide range of resource management frameworks, has eluded the PUC for several years because of the day-to-day issues which demand attention. By separating the day-to-day issues which need immediate attention and delegating them to working groups, the PUC members can devote the whole Committee's time to the more abstract but very important process of articulating goals and standards for handling human use of the BSP wilderness resource. As an aside related to the LAC process discussed above, PUC member Bob Reynolds, former Superintendent of Acadia, newly relocated with the Park Service in Colorado, shared some words of wisdom before leaving us for the mountains of the west. He pointed out that there are roughly 3 sorts of work in resource management; the first sort is the management of day-to-day needs and crises that arise. This would include all questions and needs which can be met by an immediate answer/response, including special use requests, emergency response, day-to-day seasonal management and operations, etc. A second tier of work deals with decade-long issues. This category may include gradual transitions and slow implementations due to physical construction/destruction/or reconstruction work or action which runs counter to past practice. The final tier is that of the generational or even multi-generational work. Bob Reynolds suggested the PUC and Advisory categorize the LAC process in this third tier. He encouraged our efforts, expressing the sentiment that this type of undertaking is the heart and soul of enlightened resource management and will probably be ongoing in one form or another for the rest of our lives. He assured us every resource management agency in the country is currently, or will soon be, engaged in similar assessments and wished us luck with our work. (SEE SAMPLE PG REPRESENTATIVE OF LAC PROCESS IN THE APPENDIX OF THIS SECTION) For our part, we are thankful for the contributions of Bob Reynolds and another former BSP Advisory and PUC member, Winn Robbins. Winn passed away on November 5, 1993 after a long and very fulfilling life, with many contributions to the Park during his years with the Advisory.

#### SUMMER AND FALL INFORMATION/EDUCATION INTERNS

This summer, Anne Loyd joined the Park Naturalist from June to September. Her duties for the summer included designing and offering children's programming, continuing with historical preservation of Kidney Pond scrapbooks and artifacts, working at the Visitor Information Booth (at Togue Pond), helping coordinate the the NAA pre-conference field trips and the 1994 Loon Watch. In addition, Anne regularly assisted with all sorts of

office/administrative work and special outings and projects. A list of her programs is included in the Appendix to this section. Ann went on to work at Stone Environmental School as an Environmental Educator after completing her summer with us. We wish her luck with her future work and travel.

On September 17, Kara Sweeney joined us. She chose Baxter State Park as her administrative internship to conclude her requirements in pursuit of Recreation and Leisure degree from University of Maine at Presque Isle. Kara was involved in much of the policy, administrative and committee work which intensifies during the fall season. She also helped mount slides for the automated slide show at Headquarters and filed numerous duplicate slides in the slide files. Additionally she worked in locating historical shots for use in the show and participated in the script rewrite and taping session. Finally, she was an integral part of Opening Day 1994 beginning with discussing possible changes in December, making necessary signs for 2 worksites and ending with duties on Opening Day. All in all a well-rounded experience! Kara will graduate this spring from UMPI, and we wish her well in her pursuit of an outdoor career.

#### IV RESULTS FROM 1993 MOUNTAIN PATROL FORMS

Total number of completed patrol forms: 41

Breakdown of patrol by months: June - 5  
July - 16  
Aug. - 18  
Sept. - 2

Number of Class I patrol days (excellent weather) - 19

Number of Class II patrol days (poor weather, affecting use and visibility levels) - 22

Patrollers were asked to count the number of people seen from a viewpoint (usually several different ones in a day) several times during their mountain patrol. This information is one way to describe the visual impact current use levels have on individual hiker's experiences.

The numbers and comments collected during mountain patrol will gain significance with time. They represent our on-site picture of the Katahdin Summit versus the picture we might get from using hiker registers only. This data could not be collected without the support and active participation of Trail Supervisor Lester Kenway and his summer SCA trail crew, Baxter State Park Rangers and volunteers.

<u>Viewpoint</u>	<u># of Individual Times Used During of 39 Patrols</u>	<u>Range of #'s of People Seen</u>	<u>Avg. # of People Seen Seen From Viewpoint*</u>
Saddle Trail	33	0- 50	10
Baxter Peak	64	0-180	36
Pamola Peak	17	0-150	16
South Peak	5	2- 50	18
Cathedral Trail	8	2- 45	14
Knife Edge Trail	4	2- 32	21
Hamlin Peak	9	0- 12	4
Caribou Springs	2	0- 2	17
Thoreau Springs	7	2- 60	0
Pamola Caves	1	0- 0	8
Dudley Trail	1	8	8
Blueberry Knoll	1	2	2

\*rounded off

#### V LOON COUNT

Each year the Park contributes data to Maine Audubon's State-wide Loon Count. The 1994 count was held on Saturday, July 17. The following is a summary of observations from all the sites staff and volunteers were able to cover last year:

	<u>Adults</u>	<u>Chicks</u>
Abol Pond	2	0
Daicey Pond	0	0
Kidney Pond	3	0
Lily Pad Pond	0	0
Little Rocky Pond	1	1
Lower Togue Pond	2	0
Matagamon	6	2
Nesowadnehunk	1	0
Rocky Pond	1	0
Upper Togue Pond	5	1
Wassataquoik lake	2	2
Webster lake	2	2
Total:	25	8

Many thanks to the following observers: Steve and Gladys Buzzell, Tom Edes, Dana Miller, Anne Loyd, Ted Hanson, Jodie Tollette and Mack Browning, Bruce White, Jack Sheltmire, Brendan Curran, John and Judy Mingus, Gabe and Marcia Williamson, Harland Turner.

## RESERVATION OFFICE

### VI OPENING DAY 1993

This was the third year we used the deli-ticket, by-the-month approach with people waiting in the auditorium until their ticket number was called. We had 4 people on "the books": Diane Freelove, Jeanie Howes, Judy Hafford and Gladys Hanson. Joan King and Jan Caverly ran the automated ticket printers/cash registers. Jensen Bissell called ticket numbers, Rosemary James dispensed tickets, Albert Rickards answered the phone, Jean Hoekwater, Chris Drew and Buzz Caverly answered questions and helped with logistics, John and Betty Howard were our goodwill ambassadors and Tim Sides kept the parking lot plowed and walks sanded. Combined mail and over-the-counter revenues for January 4 were \$126,504.00 compared to \$90,015.62 in 1992 and \$71,924.60 in 1991. The new face in the reservation office is Mary Ellen Bell. Mary competed successfully for the phone receptionist job and began in May 1993. Mary brings with her extensive knowledge of the local area and has quickly mastered the facts important to visitors of the Park.

### VII RESEARCH - 1993

The following research projects were completed or ongoing during 1993:

\*Avian Censusing - John Hagan, Amy Meehan and Peter McKinley  
Manomet Bird Observatory.

\*Orono Sedge Research, Alison Dibble

\*\*Population Assessment of Bicknells' Thrush in the North East -  
Chris Rimmer, Randy Harrison, Trish Nunan, Vermont Institute  
of Natural Sciences.

\*\*Pine Marten Study (ongoing) Dan Harrison, Dave Philips, Dave  
Robleski and Dave Payer, University of Maine, Orono.

Excerpts and summaries from these research proposals are included in the Appendix of this section.

The Scientific Research Review Committee met on April 7 in Hallowell and again on October 13 and 14 at Kidney Pond in Baxter State Park. The fall meeting was our first one to be held in the Park. It was agreed by all who attended that the SRRC should schedule each fall meeting in the park. This year we had spectacular weather and enjoyed a hike up Sentinel Mt. on the day following our evening meeting. During the evening meeting, Buzz met with the group and discussed the need for more stringent guidelines for research proposals, particularly those requiring collection of any sort of specimens. As a result of that evening, the Park developed a somewhat modified set of deadlines for people proposing research in the Park:

\* Final report submitted

\*\*Final report not yet available; information in this Annual Report is a summary of findings to date.

## SCIENTIFIC COLLECTING IN BSP

### Introduction

According to Park donor, Percival P. Baxter, the Park is to be left in its natural state. The removal of any natural object, no matter how benign the impact, changes the natural state of the Park. Percival Baxter obviously encouraged people to enjoy trout, wild berries and edible plants while camping in the Park but there is no record of him advocating scientific research activities over his stated priority of resource preservation.

In fact, in anything, there is some evidence that his feelings toward scientific endeavors taking place in a primitive area were negative. He was an ardent anti-vivisectionist and was intent on providing the setting for people to experience the grandeur of nature in her totality rather than providing raw resources for the collecting, quantifying and analyzing of nature. As we enter the 21st century, the scientific interest in the Park is at an all-time high. Annually we receive requests from many researchers seeking approval for collecting organisms or objects found in the Park. At the same time the demand for primitive camping/hiking opportunities increases every year. The rapidly growing necessity for humans to be able to visit an area where, in policy and in practice, human influence is deliberately minimal, and nature rules in all its complexity, is precisely the need BSP is designed to meet. Our preservation mandate requires compromises on everyone's part including researchers. The essential question we will be asking ourselves, when considering any research proposal, but particularly one involving collecting, will be "How does this proposed action further our efforts to protect and preserve this area for all generations?" The applicant must be able to show that items to be collected are absolutely unavailable elsewhere and collection is essential to the project yet removal of the item will be benign. Considering this rationale, it should be evident that there will rarely be an instance where the value of collecting outweighs the value of preserving the Park in its natural state. It should be mentioned here that the likelihood of a permit being granted for collecting is slightly higher in the region of the Park known as the Scientific Forest Management Area. This area represents a more actively-managed approach to natural resources and generally speaking, conducting research and collecting is more appropriate in the SFMA.

### Policy

In response to the need for a better defined policy on collecting, we are adhering to the following categories and lead times for proposals:

CATEGORY I: Require only short-term approval (minimum of 2 weeks notice) of Park Director Buzz Caverly. Projects in this category include any based purely on visual or auditory observation such as bird censusing, photographing fir waves, etc. This category

applies to studies requiring no Park-provided quarters or services, no collecting or waivers of any other Park rules and regulations, and no temporary site alteration (flagging, etc.).

CATEGORY II: Require 6 month lead time for project approval in order to allow the Scientific Research Review Committee, and the Director to review the proposal and make recommendations. Category II proposals may, by design, request waiver of certain Park rules and regulations (use of playback tapes, use of snowmobile in staff-only zones, etc.), and use of Park facilities/services. The greater complexity of study design and requests necessitates more lead time so all responsible parties are informed and have a chance to offer their recommendations.

CATEGORY III: Require 9 month lead time for project approval in order to ensure full involvement of the Authority, the Park Director, and the Scientific Research Review Committee. Category III proposals include all requests for any sort of collecting in Baxter State Park. Category III proposals also include reintroductions and any other proposed research deemed controversial enough by the Director and SRRC to warrant the required lead time.

Compliance with the deadline guarantees thorough consideration of the proposal, not necessarily approval. Failure to comply with the lead time specified in these categories is sufficient reason alone for the Park Director to deny approval of the proposal.





The SRRC is a very valuable asset in our resource protection efforts here at Baxter and we appreciate their work and commitment on behalf of Governor Baxter's dream. The following people are SRRC members at Director Buzz Caverly's request:

Professor David Field  
Dept. of Forest Management  
University of Maine  
201 Nutting Hall  
Orono, ME 04469

Dr. W. Donald Hudson, Jr.  
Chewonki Foundation  
Wiscasset, ME 04528

Jane Thomas  
RFD, Box 56  
Surry, ME 04684

John Albright  
Maine Natural Heritage Program  
State House Station #130  
Augusta, ME 04333

Woodrow Thompson  
Director Physical Geology  
Maine Geological Survey  
State House Station #22  
Augusta, ME 04333

Hank Tyler, Manager  
Critical Areas Program  
State Planning Office  
State House Station #38  
Augusta, ME 04333

George Matula, Supervisor  
650 State St.  
BMHI Complex  
Bangor, ME 04401

Stephen Oliveri  
Dept. of Conservation  
State House Station #22  
Augusta, ME 04333

Professor Dykstra Eusden  
Geology Dept.  
Bates College  
Lewiston, ME 04240

Richard Dearborn, Entomologist  
Insect & Disease Laboratory  
50 Hospital St.  
Augusta, ME 04330

The need for careful consideration of any proposal entailing specimen collection becomes clear when incidents such as the Federal investigation involving the Katahdin Arctic butterfly occur. The Katahdin Arctic, Oeneis polixenes, is found only on the tablelands of Mt. Katahdin. A sub-species of an Arctic butterfly, the species is of interest to some butterfly collectors. In recent years, Park officials have felt justified in denying most requests to collect the Katahdin Arctic, since its single location on Katahdin makes it a highly vulnerable species. In the fall of 1992, Federal Fish & Wildlife Agent Dick Stott of Portland, ME contacted the Park. A seizure of correspondence and butterfly specimens in California had revealed that Katahdin Arctic specimens collected in 1984 were being traded to obtain specimens of federally endangered species. The individual under investigation had contacted the Park in 1988 requesting permission to collect for academic research purposes, but was not granted a collecting permit at that time. In the early winter of 1993-94, the individual and 2 associates were indicted for trafficking in endangered species. The incident clarified the need for us to tighten up our internal procedures regarding proposed research collections and record keeping regarding such research projects. These more stringent standards

will be met with resistance by some people interested in completing research in the Park, but those individuals familiar with the Park have been supportive of our effort to stress preservation of the resource over any other goal or objective including research. In the best of all possible worlds there should not be a need for preservation and research to jeopardize one another. There will always be mysteries to ponder and ways to examine those mysteries without endangering the wilderness within which they exist. The SRRC is charged with the responsibility of helping the Park Director find ways to allow the process of beneficial research while supporting his priority of resource preservation.



"Scientific Research Review Members 10/94"

### VIII NOTES AND HIGHLIGHTS FROM 1993

Throughout the year, the BSP Naturalist has an opportunity to experience a great variety of both people and events. In addition to 10 meetings of the Park Use Committee (and spin-off work groups) and the 2 meetings with the Scientific Research Review Committee, to which she is specifically assigned, the BSP Naturalist participated in many meetings important to the overall operation of the Park. In 1993, this included the annual spring Finance meeting, the spring and fall Communications meetings, special Watercraft Policy meetings and 4 Authority meetings.

Early in 1993, Park Director Caverly appointed Advisory member Ray "Bucky" Owen, (Chair of U.M.O. Wildlife Dept.) to chair a special topic committee charged with the purpose of examining the question of predator control in Baxter State Park. Buzz asked Bucky to seek consensus in the approach the Park should use and requested the group's opinions be presented to Buzz to aid him in policy-making. Bucky formed an ad hoc meeting with representation from several viewpoints. Members included Lt. Carter Smith, Maine IF&W, Jerry LaVigne, Maine IF&W, Henry Hilton, Maine IF&W, Jodi Jones, Maine Audubon Society, Dan Harrison, U.M.O., and Jean Hoekwater, Baxter State Park Naturalist. The group met on a snowy afternoon in February at the Sidney Fish and Game building. A consensus was difficult to arrive at, but Bucky took the comments from that meeting and pulled together a group of statements everyone could agree with. This series of statements was submitted to Buzz for his use in further discussions of implementing predator control in the Park (see Appendix - Ad Hoc Committee on BSP Predator Control). Though the topic is a difficult one, the Naturalist felt privileged to work with such a qualified and sincere group of professionals on an issue so close to the heart of wilderness preservation.

In late June, the Naturalist field-checked the Saddle Slide area for the presence of Bicknell's Thrush. Originally researcher Steve Oliveri had hoped to do the check, but circumstances prevented him from doing so. As there were poor weather conditions and the date may have been a bit too late, only one singing male was located repeatedly. The intention was to check Dudley Trail as well; anecdotal reports indicate a fair number of Bicknell's Thrush on that side of the basin, but that task will have to be completed in June 1994!

In late July, Bucky Owen, nominee for Commissioner of Maine Dept. of Fish and Wildlife, led BSP Resource Manager Jensen Bissell, Bill Butler, Advisory member Don Hudson, and BSP Naturalist Jean Hoekwater into a special corner of the Park's Scientific Forest Management Area. The area is relatively undisturbed and the day's exploration proved to be very interesting.

Another interesting outing took place on August 1. U.M.O. botanist, Arthur Haines, notified the Naturalist he would be hiking in the Park that weekend and invited her to join his

botanizing. An exceptional botanist, Arthur also proved to be a patient teacher. A soggy slog up near Basin Ponds revealed many previously undocumented sites for Arnica mollis. Haines also took care to point out fragile zones near the shore of Chimney Pond and noted that some previously-occurring rare sedge species had disappeared from those sites. The generosity of specially-trained individuals visiting the Park and sharing their knowledge with sincerity can go a long way towards protecting our resources.

On a similar note, the Naturalist accompanied botanist/researcher Alison Dibble to the SFMA, when she planted Orono Sedge at several sites. Alison proceeded to begin a flora for the SFMA and agreed to devote time to it each year when she came up to monitor her sedge sites. (SEE Research section in the Appendix for Alison's Sedge update and preliminary flora). The extra time and effort she donated to benefit the Park is appreciated.

**APPENDIX**  
**TO INFORMATION/EDUCATION**  
**ANNUAL REPORT**



TO: BSP STAFF  
FROM: JEAN HOEKWATER, BSP NATURALIST  
RE: DAICEY/KIDNEY PROGRAM SCHEDULE

1993 Daicey/Kidney Evening Program Schedule

Tuesday, June 15 - Kidney, Jean Hoekwater, Naturalist  
Tuesday, June 22 - Daicey, Manomet Observatory Staff  
Tuesday, June 29 - Kidney, Chris Drew, Chief Ranger  
Wednesday - July 7 - Daicey, Shirley Burke, Campfire Stories and  
Songs  
Wednesday, July 14 - Kidney, Jean Hoekwater, Naturalist  
Tuesday, July 20 - Daicey, Jane Thomas, Chimney Pond Legends  
Tuesday, July 27 - Kidney, Buzz Caverly, Park Director  
Wednesday, August 4 - Daicey, Pine Marten researchers  
Tuesday, August 10 - Daicey, Jane Thomas, Chimney Pond Legends  
Tuesday, August 18 - Daicey, Jean Hoekwater, Naturalist  
Wednesday, August 25 - Kidney, Bob Howes, BSP Ranger II  
Tuesday, August 31 - Daicey, Jane Thomas, Chimney Pond Legends

Unless otherwise announced, all programs will begin at 7 PM at the campground library. In addition to these evening programs, at least 6 children's' programs will be offered (schedule to be announced later). Also a couple of volunteers have expressed interest in offering programs in their areas of interest in July or August. These offerings will be announced as they are available. Special thanks to all the staff and volunteers who make these programs possible!



1993 CHILDREN'S NATURE PROGRAMS

With Naturalist Anne Loyd

JULY 10TH - ANIMALS OF BAXTER STATE PARK

A discussion on the animals of BSP and their habitats and foods. Hands-on activities allow the children to create and design nesting sites. 10 A.M. Kidney Pond - meet at library.

JULY 17TH - MOOSE AND MORE

Join us to learn about some of Baxter State Park's most popular animal residents including the all-time favorite, the mighty moose. 10 A.M. at Daicey Pond - meet at library.

AUGUST 7TH - SECRET TO SURVIVAL

Join in for a walk along the water's edge with exploration and discussion of the animals and plants found. 10 A.M. Daicey Pond - meet at library. Children must be accompanied by an adult.

AUGUST 14TH - LET'S TAKE A HIKE

A discussion on the unique ways organisms adapt themselves to their surroundings. Hands-on activities will give children the chance to devise their own survival strategies. 10 A.M. Kidney Pond - meet at library.

AUGUST 28TH - LET'S TAKE A HIKE

Experience a fun walk through the forest as we discuss and explore natural history and safety on the trail. 10 A.M. Daicey Pond - meet at library. Children must be accompanied by an adult on the walk.

SEPTEMBER 4TH - CIRCLE OF LIFE

Join us for a discussion and exploration of Native American folklore and customs and the celebration of the fall harvest. Activities will center around seasonal preparation for autumn and winter. 10 A.M. Kidney Pond - meet at library.

ALL PROGRAMS WILL BE HELD RAIN OR SHINE. IF THE WEATHER DOESN'T COOPERATE, WE WILL MEET IN THE CAMP-GROUND LIBRARY FOR ACTIVITIES. SEE YOU THERE!!

PROGRAMS MOST APPROPRIATE FOR AGES 6-11 YEARS.

## SUMMARY

This paper describes the Limits of Acceptable Change (LAC) system, a framework for establishing acceptable and appropriate resource and social conditions in recreation settings. The LAC has been developed in response to the need of managers for a means of coping with increasing demands on recreational areas in a visible, logical fashion. The LAC also represents a reformulation of the recreational carrying capacity concept, with the primary emphasis now on the conditions desired in the area rather than on how much use an area can tolerate.

The LAC is not a new idea. It is, however, the latest step in a continuing effort to improve wildland recreation management through definition of more explicit, measurable objectives. Nine steps are involved in the overall process.

Step 1 involves identification of area concerns and issues. In addition to legal guidelines and organizational policy, management of an area needs to reflect area-specific features and values in order that the role of the area at both regional and national levels can be assessed.

In step 2, opportunity classes are defined and described. Opportunity classes represent subunits of the area where different conditions are provided, thereby increasing the diversity of the area. These differences are measured through indicators, identified in step 3, representing resource and social conditions for which management is striving. Indicators should be capable of quantitative measurement.

In step 4, the existing condition of the resource and social conditions is inventoried. These data are recorded and mapped, and serve as the basis for the definition, in step 5, of standards for each indicator in each opportunity class. Basing the standard on inventory data helps ensure realism and also clarifies the nature and extent of management activity that will be required to achieve standards.

Step 6 involves identification of alternative allocations of the area among the various opportunity classes. Because different allocations will require different types of management, step 7 requires an analysis of the various costs and benefits of each alternative, in terms of environmental impacts and impacts on visitors as well as administrative costs.

In step 8, the costs and benefits of each alternative are evaluated and a final alternative is selected. This final selection will reflect the responsiveness of the alternative to the issues and concerns identified in step 1 and the management requirements identified in step 7.

Step 9 involves implementation of the selected alternative and establishment of a monitoring program. Monitoring is particularly important as it provides feedback on the effectiveness of the management actions employed, alerting managers to the need to consider more rigorous application or the use of other measures.

To demonstrate how these nine steps can lead to an effective management program, a hypothetical case example is described.

## MOUNTAIN PATROL

Comments from patrollers:

6/19

"Many large groups with children (ages ranging from 8-15). From Roaring Brook I encountered approximately 30 people. The "People I met" I considered people I talked to for more than a minute."

6/26

"Very little trash noted and picked up, very few people out on tundra (moved them back on trail)."

6/27

"Very little trash noted and picked up. Most of the trail traffic was between Pamola and Baxter Peaks on the Knife Edge."

6/29

"Very little trash. Constructed 3-4 cairns near Thoreau Spring on Baxter Peak cut-off)."

7/3

I passed 13 people on their way down on my way up the Saddle. None of which made it to their destination because of the weather. I also on my descent passed 3 hikers planning on going to Baxter Peak. They were cursing weather conditions so doubtfully made it to the top."

7/4

"Fantastic day! Surprisingly few people for the 4th of July weekend!!"

7/7

"Wicked bad weather!"

7/8

The blackflies have been wicked bad everywhere! Caribou Spring is running as is the spring down the Hamlin Ridge Trail. Diapensia in bloom."

7/10

"All hikers appeared to stay on trails. Most trails appeared to be empty with few hikers crossing the Knife Edge. Most hiker questions were in regards to the weather. The weather forecast indicated severe thunderstorms moving into the area with a chance of hail."

7/11

"All hiker comments were good; all hikers appeared to stay on the trails. Seen a couple of red squirrels on Baxter Peak along with two ravens. The amount of garbage on Baxter Peak seemed minimal with no garbage in wide open sight. The trail along the Baxter Peak cut-off showed good signs of vegetation regrowth and little damage off the trail."

7/12

"All hikers appeared to stay on the trails and all hiker comments were good. The weather was changing rapidly from partly cloudy to overcast and a lot of hikers were descending the mountain early in fear of a thunderstorm. The Hamlin Ridge Trail appears to be eroding badly in certain places."

7/18

"4:15 - small plane, off white with dark red lettering and trim had several windows(3?)."

7/19

"One plane spotted in the Chimney Pond Basin approx 11:30. 2 others reported near, but above, peaks by several different hiking groups."

7/26

"3 twisted ankles today!"

7/31

"Left the Peak when I heard thunder. Many people on Knife Edge, remarked that it became very hard to see due to clouds/fog. One boy hurt his ankle, his group leader had everything under control. I wrapped one woman's knee, they are staying at Chimney and then heading to Russell."

8/1

3:45 P.M. low flying aircraft on southside of Baxter Peak flying close to Chimney and Pamola Peaks and around to north side heading towards Hamlin and over tableland. Sorry Jean, but I couldn't get the numbers from here at Chimney. It was one of those blasted pontoon tour planes again, as usual."

8/2

"Most everyone took the Knife Edge. It was very cold, windy and light mist was falling. The weather was beautiful/good at Chimney Pond and campgrounds on other side but once to the top (Saddle Slide and up) it was terrible weather."

8/7

"I frequently told hikers at the Baxter Pk area to keep off vegetation. Most questions were related to hiking distances, difficulty, and who I am, what I am and where I come from! I could have used some help today - I stayed on Baxter Pk but at times there were 10-20 people on Pamola. I picked up an entire bag of trash from Baxter Peak at day's end."

8/8

"The crowds at Baxter Peak prevented me from hiking elsewhere. Frequently told hikers to remain on trails, picked up a garbage bag of trash at day's end."

8/9

"Heavy thunderstorms forced myself and hikers to descend the

mountain around 2:00."

8/10

"Lots of litter and people trampling vegetation. Man w/broken arm on Dudley (see accident report)."

8/14

"Helped one woman with heat exhaustion. Lots of people without enough water. Told some people to stay off tundra 15 ft. away from Katahdin sign on Saddle. Seems like area at risk esp. when Peak crowded."

8/15

"My #-of-people estimates tend to be conservative. There were lots of people on the Peak this weekend. Between 12 and 2 P.M. there are so many people on Baxter they spread to the tundra to find places to sit and eat lunch."

8/24

"I've really enjoyed working mountain patrol these past four days. I spent a lot of time talking to visitors, and I hope I informed them about trails and terrain, and most importantly about the Alpine Tundra. It seemed people were interested to talk about the Park and mountain patrol is a good way of reaching them."

8/28

"The early bird got the worm today. I think I was useful sitting at the top of the Saddle, advising people on their way up not to go to the top. Also, when I heard Nesowadnehunk go "10-7 thunderstorm", the forewarning was of great value, as I herded hikers down to treeline."

8/27

"Assisted Bob Ward to get down from Saddle Slide with sprained ankle. Also, many people straying from trail. Cathedral needs painting, possibly some "Please stay on trail" signs between 2nd Cathedral and Jct. w/Saddle tr. Multiple paths on Hunt Tr. on Tableland area problem too. A few hikers commented that the mountain was crowded today. One even blamed his off-trail wanderings on crowded trails."

8/30

"I think a "fragile vegetation" would be useful on Pamola. People coming up Dudley or Taylor haven't seen this sign. Also, what is the policy on breaks? I realize that people won't take breaks right on the trail, but how far off can they wander? Clarify and publish, please."

8/31

"I removed a brass plaque from the Katahdin sign on Baxter Peak which was left by a thru-hiker."

9/4

"More trash."

9/5

"I left Pamola at around 11:30 while walking the Knife Edge I passed 107 people and then found 120 on Baxter Peak. The area at the end of the Saddle Trail near the AT sign is being heavily used - I recommend more signs at this area. The tundra is showing the wear. Many people complained about the number of people on the mountain saying that they had hoped for more solitude. Permits? - improving the experience for individuals - maintaining and improving condition of the tundra."

9/19

"With high winds and temperatures around 30-35 F, people did not stay long at Baxter Peak, and I did not have the opportunity to talk to many of them. I was however, pleased to see many hikers prepared with warm clothes."

10/7

"Fresh bear tracks and scat in the snow past Caribou Spring on Hamlin Peak. Spotted a cairn at the top of the slide going down Witherle Ravine toward the Owl face. One hiker want to know why people hug and kiss the sign at the top."



## Introduction

In January, 1992, Manomet Observatory began a three year project designed to examine the effects of an industrial forest landscape on the diversity and abundance of Neotropical migrant landbirds in North-central Maine. This study was precipitated by apparent declines in many forest-dwelling species at the national or regional scale. Maine, being the most heavily forested state in the eastern United States, is an important area for these species.

Because so much of Maine's forestland is under private industrial forest ownership, it is important to understand the stand-level and landscape-level effects of industrial forestry on bird populations. At the stand level, we need to understand the habitat preferences of the various species. In this way, as absolute amounts of hardwood, softwood, early, and late successional habitats change, predictions can be made about changes in abundance of each species' populations. At the landscape level, the spatial extent of a forest stand might be important. In many studies in other parts of the country there is a clear relationship between the presence or absence of a species and the area of a forest patch. Small patches do not appear to be suitable for many species. Increased nest predation, increased parasitism by Brown-headed Cowbirds, and/or patch isolation effects, seem to effect these species more in small forest patches. The extent to which these effects might be operating in Maine's industrial forest is the focus of the current study.

In 1993, some of our avian census points were located in Baxter State Park. The Park contains extensive areas of non-industrial forest. Such large tracts of forest are difficult to find on private industrial forest lands. Although we could not afford extensive sampling of Baxter State Park, we did want to gain some sense of whether any particular species was present in the Park's forests that we were not finding in the surrounding industrial forestland.

## Study Area and Methods

The primary study area covers approximately 2000 sq. km (700 sq. mi) of industrial forestland owned by Bowater and Scott Paper Co. in the Moosehead Lake region (Fig. 1).

### POINT COUNTS

We used point counts to assess species abundance at 387 different locations throughout this study area in 1992 and 1993. Twenty-four (6.2%) of these points were located in Baxter State Park.



A point count is a standard procedure of bird censusing. It involves standing at a predetermined location and counting all birds seen and heard within a specific distance and for a specific amount of time. For this study, each sample lasted 10 minutes, and included all individuals detected within 50 m of the point count center. Most of the individuals are detected by song, not sight. Therefore, it is important to sample during the early part of the breeding season when territorial males are singing. In addition, it is useful to sample a point more than once, because some species return from migration and breed later than others. We sampled 24 points in Baxter State Park twice; the first sample was during the week of May 31, 1993, and the second during the week of June 21, 1993. Point counts were conducted during the early morning hours from 1/2 hour after sunrise until finished (usually 0830 hrs).

Each point was classified qualitatively as one of nine different stand types (Table 1). We attempted to restrict sampling to medium-age (30-50 yrs old) and mature forest (50+ years old), although a few samples were in younger forest types to accommodate sampling within a previously studied area (Oliveri study site). Species abundance is strongly related to stand type.

We also collected quantitative data on vegetation in a 10 x 50 m belt transect centered on the point count. A 50 meter rope was extended 25 meters on either side of the point count center. All trees greater than 8 cm DBH were measured within 5 m on either side of the rope, and identified to species. Densities, heights, and species of shrubs within 1 m on either side of the rope were also recorded. We estimated canopy closure, herb cover, counted fallen logs, and measured the heights of the 4 tallest trees in the plot. Vegetation results are not presented in this report. . .

## Results

Results in this report are limited to a brief evaluation of the data collected in Baxter State Park relative to those collected on industrial forest land. A thorough report containing more extensive analyses of all aspects of the study is currently underway.

A list of the species encountered in Baxter State Park, and their abundances, is provided in Table 2. Abundance values represent the average number of individuals detected during a single 10-min point count. Notice that only one sample was taken in the Regeneration and Residual habitat types.

The primary result is that no species was found in Baxter Park that was not also detected in the industrial forest (Table 2). Two habitats in Baxter were sampled sufficiently to warrant at least a qualitative comparison with the same habitat in the industrial forests (Mature Hardwood and Mature Mixedwood). Because of the inequity in sampling effort, drawing any conclusions from abundance values would be unjustified, unless abundance values were perhaps an order of magnitude different between Baxter State Park and the industrial forest.

Despite the relatively low sampling effort in Baxter State Park, most abundance values are similar. The same species that are abundant in the industrial forest are also abundant in Baxter State Park (e.g., Golden-crowned Kinglet, Red-eyed Vireo, Solitary Vireo, Black-throated Blue Warbler, Black-throated Green Warbler, Blackburnian Warbler, Magnolia Warbler, Ovenbird, Yellow-rumped Warbler).

Note that the Black-throated Blue Warbler, a hardwood forest specialist, occurred at a mean abundance level of 0.83 (Mature Hardwood) and 0.83 (Mature Mixedwood) in Baxter State Park (see Table 2). The same species occurred in the industrial forest at 0.78 and 0.72 detections per circle, respectively. Although these results suggest this species may be more abundant in Baxter Park, our data do not permit drawing such conclusions. The Black-throated Green Warbler shows the opposite pattern in that the lower abundance values occur in the Park. Again, conclusions about Baxter State Park or the industrial forest being "better" for these species cannot be drawn.

It may be instructive to review Table 2 for substantial differences in abundance in and outside the Park. Indeed, no species qualified in this regard. The Swainson's Thrush had an abundance value of 0.22 registrations per point in Mature Mixedwood in industrial forest, but was not detected at all in the same habitat in Baxter State Park.

However, keep in mind that a value of 0.22 means that 1 bird was detected in about 5 point counts (0.20 index). Only 6 points were sampled in Mature Mixedwood in Baxter State Park, therefore it is quite possible that, by chance, no Swainson's Thrushes were detected in Baxter State Park.

One forest-bird species may stand out as being more abundant in Baxter State Park, the Least Flycatcher (0.58 vs. 0.11, in Mature Hardwood). This is also a species that has shown consistent population declines in the past 20 years in southern New England. Whether this species may be sensitive to forest fragmentation is unknown. The Ovenbird is a species known to be sensitive to fragmentation. Abundance values in its preferred habitat, Mature Hardwood, were greater in the industrial forest than in Baxter State Park. However, data from our intensive studies of Ovenbirds in 1993 suggest that abundance may not be a good indicator of habitat quality or population health. This point will be expanded on in our full-project Final Report for 1993.

## Conclusions

This work was not designed to be a thorough inventory of the avifauna of Baxter State Park. Many more species were encountered in the industrial forest, but this is a function of a greater sample size, and a greater variety of sampled habitats. The primary conclusion from this work is that abundance values of forest birds in Baxter State Park were similar to those of the industrial forest.

Given the extensive literature on the effects of forest fragmentation on many landbird species, it is reasonable to speculate that Baxter State Park may be (or become) an important area for bird populations. Tracts of unbroken forest 1000 ha (2,470 acres) or larger are rare on private, active industrial forest lands. It remains unknown how important large forest tracts are to these species.

Baxter State Park would make a desirable study area for a more detailed comparison of bird population dynamics in fragmented vs. unfragmented forest. Abundance data as we have presented here can be a very misleading indicator of habitat quality or population health. Studies of reproductive success are needed to more thoroughly understand the conservation of bird populations in northern Maine. Unfortunately, these studies are labor intensive, and therefore expensive. Nevertheless, studies of this nature are warranted in Baxter State Park, and we recommend that such studies be encouraged. Special wildlife values of Baxter State Park, especially for Neotropical migrant birds, may not be fully realized at the current time because of lack of scientific information.

Table 2. Abundance values (mean number of individuals per point count circle) of all species encountered in Baxter State Park. If abundance is listed as “-”, the species was not detected in that habitat in Baxter, but was encountered on industry land. Abundance values on industry land (shaded columns) are given for two habitats, Mature Hardwood and Mature Mixedwood, because enough point counts were done in Baxter to warrant comparison. Sample sizes (number of points sampled) are given below each habitat name.

[illegible]

Table 2. (cont.)

Species	Regen (n=1)	Resid (n=1)	Mid-age Mixedwood (n=2)	Mid-age Softwood (n=2)	Mature Hardwood		Mature Mixedwood	
					Baxter (n=12)	Industry (n=37)	Baxter (n=6)	Industry (n=36)
Dark-eyed Junco	0.00	0.00	0.00	0.50	0.00	0.00	0.17	0.00
Downy Woodpecker	0.00	0.00	0.00	0.00	0.08	0.03	0.00	0.03
Eastern Wood Pewee	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03
Evening Grosbeak	-	-	-	-	-	0.00	-	0.00
Golden-crowned Kinglet	1.00	0.00	1.50	1.00	0.08	0.14	0.33	0.78
Gray Catbird	-	-	-	-	-	0.00	-	0.00
Gray Jay	-	-	-	-	-	0.00	-	0.03
Great Crested Flycatcher	-	-	-	-	-	0.00	-	0.00
Hairy Woodpecker	-	-	-	-	-	0.00	-	0.03
Hermit Thrush	0.00	0.00	0.00	0.00	0.17	0.05	0.00	0.11
Least Flycatcher	0.00	0.00	0.00	1.00	0.58	0.11	0.00	0.03
Lincoln's Sparrow	-	-	-	-	-	0.00	-	0.00
Magnolia Warbler	2.00	1.00	1.00	0.50	0.00	0.16	0.67	0.42
Mourning Warbler	-	-	-	-	-	0.00	-	0.03
Nashville Warbler	-	-	-	-	-	0.00	-	0.08
Northern Flicker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Northern Parula	1.00	0.00	0.50	0.00	0.00	0.08	0.00	0.31
Northern Waterthrush	-	-	-	-	-	0.03	-	0.03
Olive-sided Flycatcher	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ovenbird	0.00	0.00	0.00	0.00	0.50	0.84	0.50	0.44
Palm Warbler	-	-	-	-	-	0.00	-	0.00
Philadelphia Vireo	-	-	-	-	-	0.03	-	0.00
Pileated Woodpecker	-	-	-	-	-	0.00	-	0.00
Pine Siskin	-	-	-	-	-	0.00	-	0.00
Purple Finch	-	-	-	-	-	0.05	-	0.03
Red Squirrel *	0.00	1.00	1.50	0.50	0.83	0.97	1.83	1.14
Red-breasted Nuthatch	0.00	0.00	0.00	0.00	0.08	0.11	0.17	0.39
Red-eyed Vireo	0.00	0.00	0.50	0.00	0.83	1.14	0.83	0.86
Rose-breasted Grosbeak	-	-	-	-	-	0.05	-	0.03

Table 2 (cont.)

Species	Regen (n=1)	Resid (n=1)	Mid-age Mixedwood (n=2)	Mid-age Softwood (n=2)	Mature Hardwood		Mature Mixedwood	
					Baxter (n=12)	Industry (n=37)	Baxter (n=6)	Industry (n=36)
Ruby-crowned Kinglet	-	-	-	-	-	0.00	-	0.00
Ruby-throated Hummingbird	-	-	-	-	-	0.00	-	0.00
Ruffed Grouse	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Scarlet Tanager	-	-	-	-	-	0.08	-	0.03
Sharp-shinned Hawk	-	-	-	-	-	0.00	-	0.06
Solitary Vireo	0.00	0.00	0.00	0.00	0.00	0.14	0.33	0.25
Song Sparrow	-	-	-	-	-	0.00	-	0.00
Spruce Grouse	-	-	-	-	-	0.00	-	0.00
Swainson's Thrush	1.00	0.00	0.00	0.00	0.08	0.11	0.00	0.22
Tennessee Warbler	-	-	-	-	-	0.00	-	0.00
Three-toed Woodpecker	-	-	-	-	-	0.00	-	0.00
Tree Swallow	-	-	-	-	-	0.00	-	0.00
Veery	-	-	-	-	-	0.08	-	0.00
White-breasted Nuthatch	-	-	-	-	-	0.00	-	0.00
White-throated Sparrow	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Wilson's Warbler	-	-	-	-	-	0.00	-	0.00
Winter Wren	1.00	1.00	0.00	0.00	0.08	0.08	0.33	0.25
Wood Thrush	-	-	-	-	-	0.00	-	0.00
Yellow-bellied Flycatcher	-	-	-	-	-	0.00	-	0.08
Yellow-bellied Sapsucker	0.00	0.00	0.00	0.00	0.08	0.27	0.00	0.19
Yellow-rumped Warbler	0.00	0.00	0.50	1.50	0.33	0.05	0.67	0.53

\* mammal species considered a key nest predator - also sampled using point count methodology

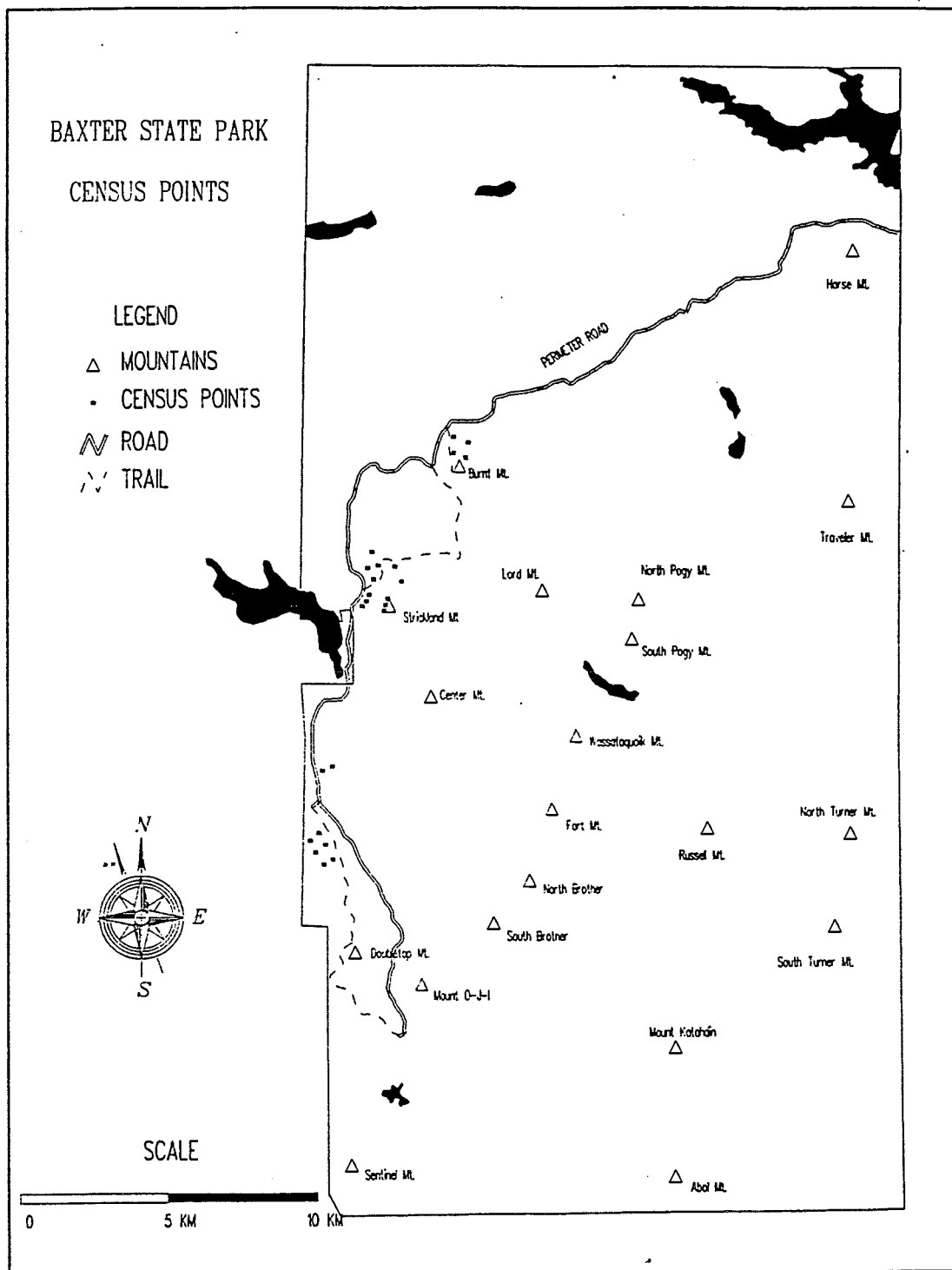


Figure 2. Locations of avian census points in Baxter State Park. See text for details.

PROGRESS REPORT: ORONO SEDGE RESEARCH  
Scientific Forest Management Area  
BAXTER STATE PARK

Alison C. Dibble  
25 July 1993

The objective is to determine the rate at which Orono sedge, Carex oronensis, can disperse through logging road habitat. The SFMA is an ideal locale for this experiment because: (1) roads are new and roadside habitat is thus recently disturbed, (2) the monitoring program of the SFMA necessitates careful, regular observation of forest succession processes, (3) Baxter State Park contains the only formally protected site for Orono sedge (at Trout Brook) in the world. Because of its weed-like biology, Orono sedge has received relatively low priority for conservation at the Federal and state level. It remains listed as Category 2 in the Federal Register of Endangered and Threatened Plants, a category for species about which not enough is known of their status and biology for listing as Endangered. With only 2819 plants known in the world, Maine's only endemic plant species is worthy of Baxter State Park's protection.

On 24 July 1993 Jean Hoekwater and I, with assistance from Ian Hoekwater, went to the SFMA and checked on the Orono sedge plant that Jensen planted in 1992. This plant appears to be thriving and has about three times as many fertile stems as it had when it was planted a year ago. We photographed it and called it Number One. We had with us two large Orono sedge plants that I had grown from seed in my garden, which we divided into clumps for planting as numbers Two through Nine. these represent nine replicates for the experiment begun in 1992.

1. SO-A12a: seed from Gardner Rd., Orono, sown 9 Jan 1988, plant grown in heavy, moist garden soil in Blue Hill. Divided into five approximately equal clumps.

2. SO-A13: seed from Gardner Rd., Orono, sown 9 Jan 1988, plant grown in light, sandy loam on residential leach field in Blue Hill. Divided into four approximately equal clumps.

To simplify re-location, we selected planting sites for these nine clumps according to permanent landmarks such as road junctions, interpretive signs, and a bridge. We spaced these locations at least 1/4 mi. apart so that we can more readily assign the probable source plant for subsequent seedlings. At each location, we dug a hole on the roadside bank, mixed forest leafmold from the immediate vicinity into the hole, poured in water, and planted the clump. We recorded the source, photographed the plant, and noted any other pertinent details such as proximity to Conservation Mix plantings.

We listed native and introduced plant species, especially herbaceous and shrub species, and intend to add to this list in future. I collected reference specimens of some roadside grasses and sedges, and have pressed these for the Park's use. I will identify these to species and return them to the Park.



In future, a one-annual census can be conducted, and identifiable Orono sedge seedlings can be mapped and followed through time. I suggest that this census should be conducted anytime between June 26 and July 15. I will submit a proposal to the Scientific Research Committee for the 1994 census and will volunteer to help conduct that census, with Jean Hoekwater's help.

Two potential confounding factors in this experiment are: (1) the lag of one year between planting of the initial introduced Orono sedge plant and the nine replicates; (2) the plants we brought to the SFMA in 1993 were dispersing ripe seeds. Some of these seeds may have fallen off the plants as we carried them from the jeep to the roadside locations. I am fairly confident that seeds did not fall out of the vehicle between stops, so at the least we can assume that any seedlings that come up near the various plantings are associated with that particular parent.

LIST OF ORONO SEDGE LOCATIONS IN THE SFMA:  
(All plants but #1 were set out 24 July 1993)

1. On Brayley Ridge Rd. between Hornet Rd. and Bear Hollow Rd. near spur on North side of Brayley Ridge Rd. Planted in 1992, plant was grown from seed collected at Gardner Rd., Orono, ME in 1987. Checked 24 July 1993: increased number of stems, flowering and fruiting.
2. On Hornet Rd. at jct. with Brayley Ridge Rd., directly in line with road sign, midway between road and tree with the sign. Parent: SO-A12a. 18 fertile stems.
3. On Bear Hollow Rd. at jct. with Brayley Ridge Rd., halfway between Bear Hollow Rd. and tree with sign. Parent: SO-A12a. 17 fertile stems.
4. On Marten Brook Rd., at juct. with Brayley Ridge Rd., located about 2 m from tree with sign, on west side of Marten Brook Rd. Parent: SO-A12a. 21 fertile stems. No conservation mix here yet; nearest conservation mix plants 8-10 m away. (Rose twisted stalk grows within 0.5 m of sedge planting).
5. On Brayley Ridge Rd. near white birch with sign: "C11 B1 Shelterwood Single-Grip Harvest Winter 1991". Parent: SO-A12a. 19 fertile stems. Surrounded by meter high fir.
6. On Brayley Ridge Rd. at Halfway Brook bridge, east of bridge about 4 m. Within 1.5 m of tree with sign on it. Parent: SO-A12a. 17 fertile stems. Northern white cedar and relatively great diversity of herbaceous plants here.
7. On north side of Brayley Ridge Rd. at jct. with Halfway Bog Rd. directly across the main road from the Halfway Bog Road sign.

Parent: SO-A13. 16 fertile stems. Plant set upon ledge.

8. On Brayley Brook Rd., at jct. with Brayley Ridge Rd., at north east corner, across road from sign. Plant is 2.5 m from flagged fir tree. Parent: SO-A13. 16 fertile stems.

9. On T-line Rd. at jct. with Brayley Ridge Rd. Sign tree flagged. Sedge planted 3.5 m from sign tree. Parent: SO-A13. 9 fertile stems. Mountain Shadbush grows at base of sign tree.

10. On Long Pine Rd. at jct. with Brayley Ridge Rd. Sedge planted at base of big boulder directly across Long Pine Rd. from sign. Parent: SO-A13. 13 fertile stems. Carex crawfordii nearby on bank.

DRAFT Plant Species List for SFMA  
Alison C. Dibble and Jean Hoekwater  
24 July 1193

\* = species not native to North America

+ = probably came in with Conservation Mix and/or grass seed

#### TREES

*Picea glauca*, White spruce  
*Populus tremuloides*, Trembling aspen  
*Populus balsamifera*, Balsam poplar  
*Acer rubrum*, Red maple  
*Betula papyrifera*, Paper birch  
*Betula alleghaniensis*, Yellow birch  
*Abies balsamea*, Balsam fir  
*Thuja occidentalis*, Northern white cedar  
*Prunus pensylvanica*, Pin cherry  
*Pinus strobus*, White pine

#### SHRUBS

*Rubus idaeus*, Red raspberry  
*Vaccinium myrtilloides*, Velvetleaf blueberry  
*Lonicera canadensis*, Canadian honeysuckle  
*Amelanchier bartramiana*, Mountain shadbush  
*Salix bebbiana*, Bebb's willow

#### HERBS

*Mitella nuda*, Naked miterwort  
*Epilobium angustifolium*, Fireweed  
*Goodyera tessellata*, Checkered rattlesnake plantain  
*Aralia nudicaulis*, Sarsaparilla  
*Clintonia borealis*, Bluebead lily  
*Linnaea borealis*, Twinflower  
*Cornus canadensis*, Bunchberry  
*Streptopus amplexifolius*, Rose twisted stalk  
*Coptis groenlandica*, Goldthread

Trientalis borealis, Starflower  
Equisetum sylvaticum, Wood Horsetail  
Prenanthes sp., Wild lettuce  
Thalictrum sp., Meadow rue  
Dalibarda repens, Dalibarda  
Chimaphila umbellata, Pipsissewa  
Smilacina tribolia, Three-leaved Solomon's seal  
Aster acuminatus, Whorled aster  
Lysimachia terrestris, Swamp Candles  
Typha latifolia, Cattail  
Pteridium aquilinum, Bracken fern  
Aralia racemosa, Spikenard  
Lobelia inflata, Indian tobacco  
\*+Spergularia rubra, Pink Sand-spurrey

\*+Anaphalis margaritacea, Pearly everlasting  
\*+Chrysanthemum leucanthemum, Ox-eye daisy  
\*+Melilotus officinalis, Yellow sweet-clover  
\*+Trifolium repens, White clover  
\*+Lotus corniculatus, Birdsfoot trefoil

#### GRAMINOIDS

\*+Phleum pratense  
\*+Avena sativa  
other introduced grasses to be identified  
Brachyeletrum erectum  
Carex intumescens  
Carex scoparia  
Carex crasfordii  
Carex spicata  
Carex trisperma  
Scirpus spp.  
Juncus spp.

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#### Not seen but expected:

Tsuga canadensis, Eastern hemlock  
Quercus rubra, Red oak  
Toxicodendron rydbergii, Poison ivy  
Oryzopsis asperifolia, Rough-leaved rice-grass  
Amelanchier laevis, Smooth shadbush  
Viburnum lentago, Nannyberry  
Viburnum cassinoides, Wild raisin  
Viburnum recognitum, Arrowwood  
Alnus incana, Speckled alder  
Ilex verticillata, Black alder or Winterberry  
Rubus alleghaniensis, Blackberry  
Rubus hispidus, Swamp-dewberry  
Rubus pubescens, Dwarf raspberry  
Vaccinium angustifolium, Blueberry  
Ostrya virginiana, Ironwood  
Betula cordifolia, Mountain paper birch

HARMFUL, INVASIVE PLANTS TO EXCLUDE (not seen 24 July 1993)

\**Lythrum salicaria*, Purple loosestrife  
*Phragmites australis*, *Phragmites*  
\**Berberis thunbergii*, Japanese honeysuckle  
\**Rosa multiflora*, Multiflora rose  
\**Coronilla varia*, Crown vetch  
\**Elaeagnus angustifolia*, Russian olive  
\**Rhamnus alnifolia*, Alderleaf buckthorn  
\**Rhamnus frangula*, European buckthorn  
\**Celastrus orbiculatus*, Bittersweet  
\**Solanum dulcamara*, Bitter nightshade

APPLICATION FOR  
SCIENTIFIC STUDY IN  
BAXTER STATE PARK

1. **TITLE:** A Population Assessment of Bicknell's Thrush in the Northeast
2. **NAME OF RESEARCHER:** Christopher C. Rimmer
3. **RESEARCHER'S CREDENTIALS:** Director of Research, Vermont Institute of Natural Science (1986-present); M.S. Ecology & Behavioral Biology, U. Minnesota (1986); B.S. Wildlife Biology; U. Vermont (1978); USFWS Master Bird Banding Permit; extensive ornithological field experience in North and Latin America; co-director of Bicknell's Thrush population research project (with Manomet Bird Observatory) beginning in 1992; author of 12 scientific and technical journal articles on birds.
4. **BENEFITS TO BE DERIVED FROM RESEARCH:**

Bicknell's Thrush is the only endemic, and may be the most threatened, songbird in the Northeast. This project seeks to collect baseline <sup>data</sup> on the subspecies' status in Maine, including Baxter State Park, as a means to determine whether it may warrant formal protection under state and federal endangered species laws.
5. **DETAILED DESCRIPTION OF RESEARCH:**

Because the distribution of Bicknell's Thrush is limited to high elevation spruce-fir forests, a subset of Maine peaks with elevations greater than 3000 ft has been selected for field surveys in 1993 to determine presence or absence. These include at least 6 peaks in Baxter S.P., two of which are known sites of historic occurrence. During the month of June and into early July, a team of two qualified field researchers will survey as many target peaks within the park (and across the state) as possible. Methods are proposed to consist of confirming the birds' presence visually or auditorily. Brief tape recorded playbacks of songs and calls will be broadcast if no birds are detected otherwise. Tapes will be used judiciously and only when necessary.
6. **AREA(S) OF THE PARK FOR THE RESEARCH:**

North Brother	Traveler Mtn.	
Mount Coe	Doubletop Mtn.	possibly 2-3 additional trailless peaks
South Brother	South Turner Mtn.	
7. **IMPACT ON THE PARK:**

Impact is expected to be extremely minimal. 1-2 people will hike to each peak. If space is available, overnight camping at designated campgrounds will be sought. Our 1992 experience in NY, VT & NH indicates that impacts to birds will be negligible.
8. **BUDGET:**

The total project budget (including work in other states) is \$30,000. The portion applicable to Maine is approximately \$12,000.
9. **TIMETABLE FOR RESEARCH AND COMPLETION OF APPLICATION:**

Field surveys in Baxter State Park are planned to begin the week of 7 June (but could begin the following week). Depending on logistics and degree of success, all fieldwork should be completed by 15 July, but might extend to 25 July if revisits to any peaks are necessary. A total of 5-7 days in the park should be sufficient to collect adequate distributional data.

(Use additional sheets if necessary)

PEAKS SURVEYED IN BAXTER STATE PARK FOR BICKNELL'S THRUSH  
DURING JUNE 1993

VERMONT INSTITUTE OF NATURAL SCIENCE  
WOODSTOCK, VT 05091

Name of Peak	Survey Date	No. Bicknell's Thrushes <sup>1</sup>
Doubletop Mtn.	6/11/93	2
North Brother	6/12/93	8+
South Brother	6/12/93	0
Mt. Coe	6/12/93	2
Strickland Mtn.	6/13/93	0
South Turner Mtn.	6/14/93	7-8
The Owl	6/15/93	3-4
Mt. Katahdin	6/15/93	2+
South Branch Mtn. (Black Cat Mtn.)	6/16/93	0
Traveler Mtn.	6/17/93	2
North Traveler Mtn.	6/17/93	1

<sup>1</sup> Numbers do not necessarily represent actual number of birds present on each peak. Surveys were intended to document presence or absence of Bicknell's Thrush, not to determine abundance.

## ON MARTEN POPULATIONS IN NORTHERN MAINE

Greater than 90% of the currently occupied range of the American marten (Martes americana) in Maine is privately owned by the commercial forest industry. The specific habitat requirements of marten and the vulnerability of the species to overharvesting necessitate integration of commercial forest harvesting activities and Maine Department of Inland Fisheries and Wildlife's population management programs.

Marten are widely cited to be a habitat specialist dependent on old conifer-dominated habitats. As a result, the U.S. Forest Service's 5 year planning process has identified the pine marten as an old-growth indicator species in 43 of 64 western National Forests where the marten occurs. Martens have recently become a forest management issue in eastern Canada based on their recent extinction on Prince Edward Island, their recent classification as a threatened species in Newfoundland, and the declining status of populations in Nova Scotia and New Brunswick ("Could the marten become the sported owl of eastern Canada", The Forestry Chronicle, 1991. vol 67, no. 2).

Unfortunately, conclusions of old-growth dependency by martens are based on incomplete information. Despite this limitation, some policy makers and forest managers have inferred from previous studies that mature conifer-dominated forests are required by martens.

No previous studies have compared the habitat characteristics within individual marten home ranges to the availability of habitats at a landscape scale, nor have there been any comparisons of the relative population characteristics (e.g., home range sizes, density, survival, fecundity, range of habitats occupied) of marten populations exposed to different levels of habitat alteration or trapping pressure. Relationships among habitat alteration, road construction, trapping harvests, and marten population viability must be determined and quantified so that marten can be managed on a sustained basis. This would ensure the status of the marten, and may eliminate the need for special status designations and their associated adverse economic impacts on the forest products industry. This study is designed to address this priority research need.

The goal of our 10-year study is to document the individual effects of trapping, road access, and commercial timber harvesting on marten populations in northern Maine, and to provide recommendations on ways to maintain profitable forest harvesting compatible with viable populations of martens. The project was initiated in 1988 and involves 4 separate phases. Completion of Phases #1(1992), #2 (1993), and #3(1995) will allow us to document and compare the density, spatial dynamics, survival, and habitat relationships of martens between a heavily clearcut/intensively trapped area (treatment - Telos) and an area without recent timber harvesting or trapping (control - Baxter Park). Already, this project represents the largest data set in

existence on martens, and is the only study involving a comparison of marten population characteristics between a large wilderness park and an area characterized by intensive trapping and extensive timber harvesting.

Preliminary results show that, in the treatment area, marten used all forested cover types with >50% canopy closure and with mean heights of >12 m during summer-autumn. Our data suggest that martens may be much more flexible in their habitat requirements than has been concluded from most previous work.

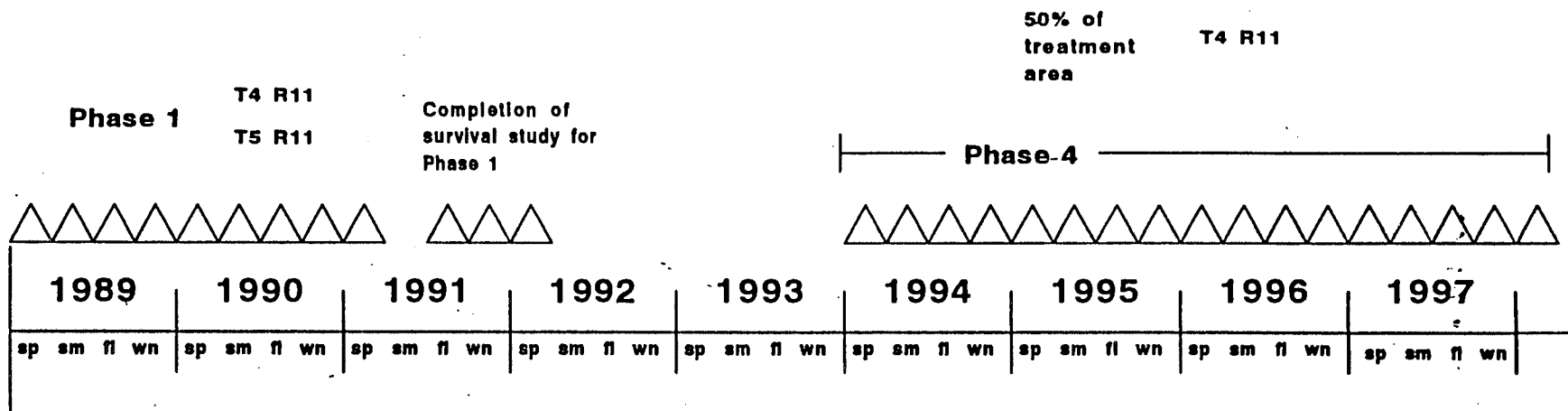
Phase 4 will be the capstone of the study, and will separate the relative effects of trapping and timber harvesting that contribute to observed differences in population characteristics, spatial requirements, movements, habitat use and survival between the treatment (Telos) and control (Baxter Park) sites. Operation of the control site in Baxter Park will significantly strengthen the final results of the project by removing assumptions based on data collected in different years than the treatment site. This is required for good science, and prudent considering the potential implications of the project results.

The Department of Inland Fisheries and Wildlife will fund the Telos site (treatment) completely at \$30-35 K annually for five years. Funding needed to operate the Baxter site (control) will run \$25-32 K annually for 5 years, and has not yet been secured.

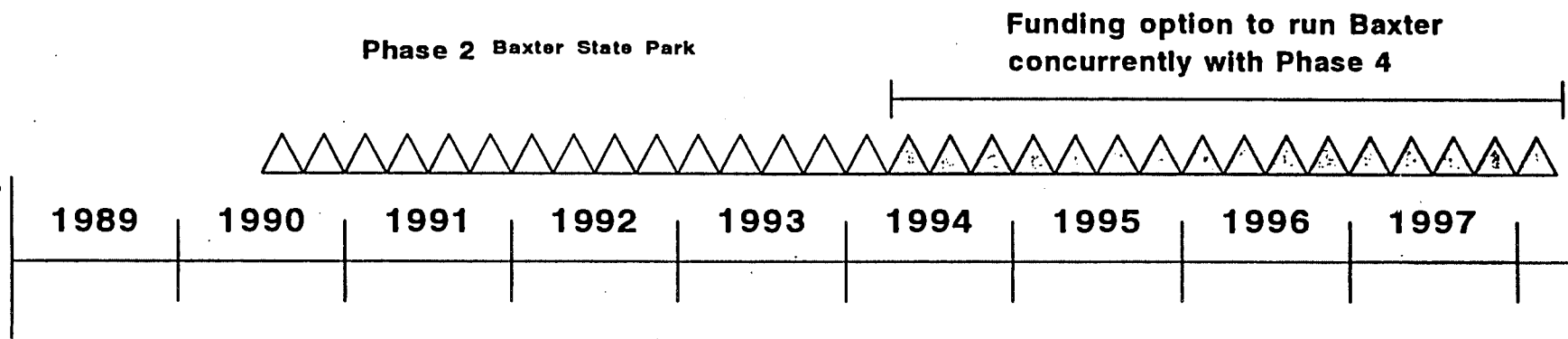
Complete details, justification, and budgets of the project are contained in the proposal.



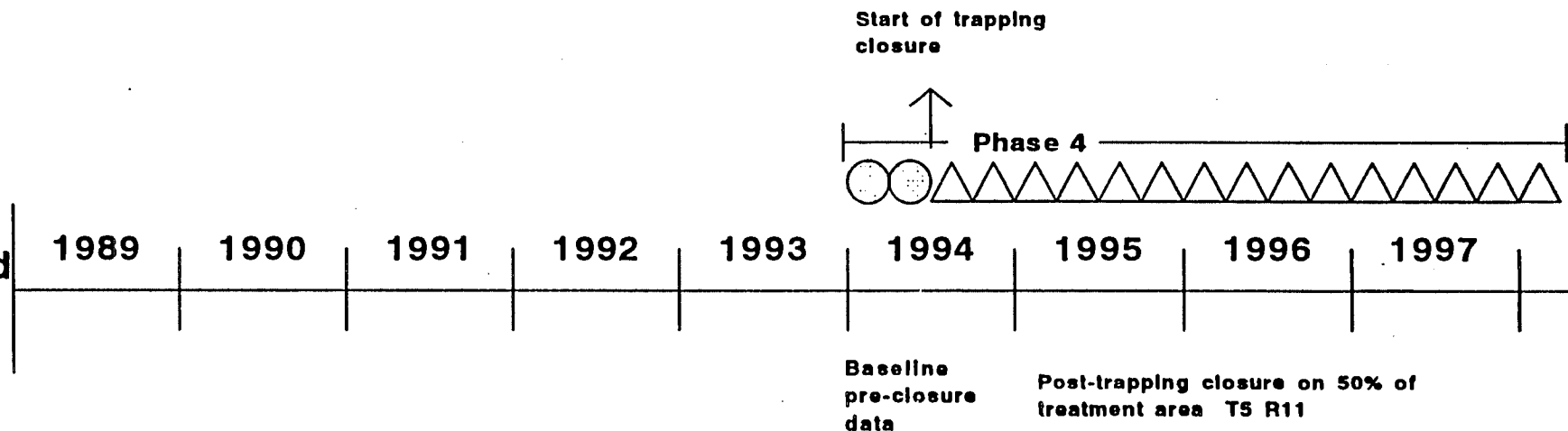
Trapping and  
timber  
harvesting



No trapping or  
timber  
harvesting



Timber  
harvesting and  
no trapping



INTERDEPARTMENT MEMORANDUM

DATE: 6/2/93

TO: BAXTER STATE PARK ADMINISTRATIVE STAFF  
FROM: *cc* IRVIN C. CAVERLY, JR., DIRECTOR, BSP  
SUBJECT: AD HOC COMMITTEE ON BSP PREDATOR CONTROL - REPORT

=====

For your information, attached is a copy of the report submitted to me by Ray Owen. It is good information to have in the files for review from time to time as questions arise. The Committee deliberated to a great extent on the subject, however, has not come to a clear conclusion that there is scientific data which supports the need for predator control in BSP.

In item #7 the Committee rationalized that whether one was for or against predator control in the Park, the social pressures could make predator control unattainable from a public policy point of view. Our current policy is that predator control by a technique of snaring will not be conducted until such time as is requested by the Director of BSP to the Commissioner of Inland Fisheries and Wildlife.

ICC:rm  
Enc.



**E. ADMINISTRATIVE SERVICES**



## I PERSONNEL

Changes in personnel this year as as follows:

### New Hire:

Mary-Ellen Bell - Park Receptionist, Headquarters  
Darren Guyaz - Acting-Capacity Gatehouse Attendant, Togue Pond  
Tom Shea - Assistant Park Ranger (Trail Crew Leader)  
Joan Roberts - Campground Attendant, Roaring Brook

### Employee Terminations:

Scott Fisher - Campground Attendant, Roaring Brook

## II TRAINING

APRIL - 40 hr. Law Enforcement Training, Academy, Waterville

JUNE - Maine Forest Service training for Campground Rangers and Attendants

OCTOBER - Search & Rescue Training: 112th Medevac, 4 Search and Rescue Teams, Maine Search & Rescue Dogs, and Baxter State Park Personnel.

## III CONTRACT SERVICES

Daicey Pond Campground was operated by Marcia and Gabriel Williamson.

Kidney Pond Campground was operated by Gladys and Steve Buzzell.

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

Septic tank pumping was done by Cal's Septic Service.

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

Road construction in the SFMA was completed by Randy Cyr.

Forest Management services were provided by John Mills.

Firewood bundling done by Wesley Cunningham.

Nat Ahrens - field operations.

Anne Loyd - assistant to Naturalist.

Eight SCA workers - trail crew.

Joyce Schweback - trail crew.

Jason Hafford - grounds maintenance headquarters.

## V SUPPLY

Storekeeper Rosemary James reports that she has a new inventory program on her computer. She has been working on coding and alphabetizing items.

## VI DONATION ACCOUNT

The amount of \$3,780 was withdrawn from the BSP donation account on June 15, 1993, \$2,400 was used to pay for an SCA contract worker to work as a Trail Specialist under the Trail Supervisor and \$1,380 was used to purchase 10 Old Town Discovery Canoes.

Following is a list of donors and their donations to the BSP donation account for 1993:

Robert & Margaret Scott	\$ 20.00
Rose Nugnes	5.00
Elaine M. Dube	25.00
Assabet Valley Regional Voc. School	
Tony Frankian and the Cafeteria staff	
Arnold and Helen Cross	15.00
Mr. & Mrs. John Martin	5.00
Maureen Webber	20.00
Mr. & Mrs. John Vaillancourt	20.00
Mr. & Mrs. Francis Charland	20.00
Mr. & Mrs. Raymond Lavallee	5.00
Helen Martin	20.00
Everett and Mary Schwartz	100.00
Isabel Kenney	25.00
Irma Shaughnessy	20.00
Katherine Sawvelle	50.00
Mr. & Mrs. William Delaney	50.00
Ann M. Howe	135.00
Karen Smith	25.00
Mr. & Mrs. John Estabrook	25.00
Mr. & Mrs. Gerard Pastner	10.00
Mr. & Mrs. Roy Estabrook	10.00
Dona Schwartz	20.00
Elaine DeVantier	
Donald/Jeanne Schwartz	25.00
Gertrude Ethier	10.00
Elizabeth Majewski	50.00
Virginia Werwath	100.00
Grace Flint/Women of the Moose	25.00
Sheryl Cassella for Raytheon Co.	127.00
Jacqueline Powers	25.00
Edward Dwyer	25.00
Lawrence Lovejoy	45.00
Verrill/Kendra Taylor	45.00
Mike Perry	45.00
Ed/Deborah Dwyer	45.00
Jill/Richard Cochrane	100.00

Ray Rinaldi	114.00
Anonymous	1,000.00
Anonymous	400.00
Penobscot County Cons. Assoc.	150.00
Louis John Heinbuch	12.00
Donations left at TP Gatehouse	15.00
Anthony L. Cywinski	8.00
David Broughton	50.00
Donations left at TP or campgrounds	40.00
Bill Fournier	50.00
Susan Roediger	35.00

Our thanks to the many donors who contributed to the BSP donation account. Our ending balance as of December 31, 1993 was \$3,203.33.

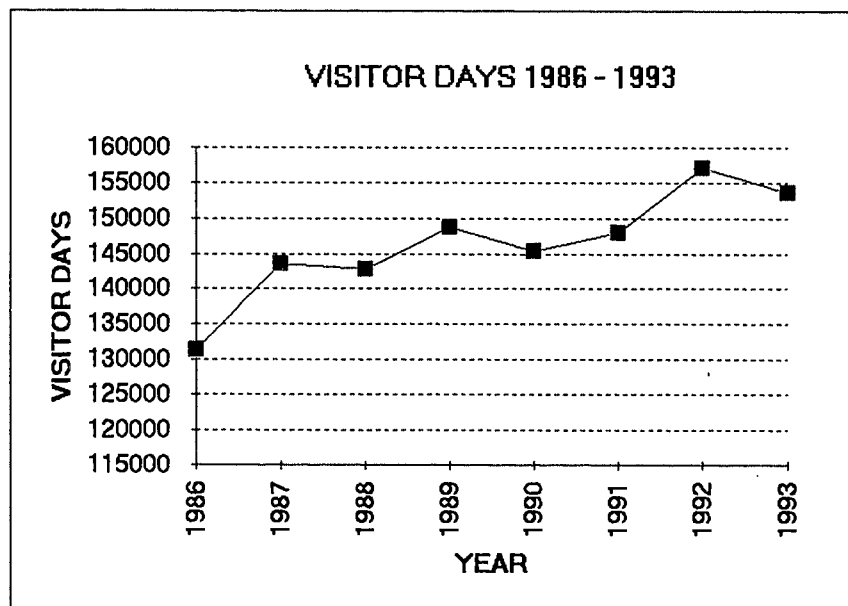


BAXTER STATE PARK  
COMPARATIVE STATISTICS - VISITOR DAYS  
1986 - 1993

VISITOR DAY* STATISTICS:	1986	1987	1988	1989	1990	1990	1992	1993
TOTAL SUMMER VISITOR DAYS	128814	141468	139798	145667	142358	145046	154619	152133
TOTAL WINTER VISITOR DAYS	2529	2119	3070	3109	2992	2992	2489	1554
TOTAL PARK VISITOR DAYS	131343	143587	142868	148776	145350	148038	157108	153687

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

\*\* Complete day use stats not available in 1992



**BAXTER STATE PARK**  
**1993 GATE COUNTS - PEOPLE PER MONTH**

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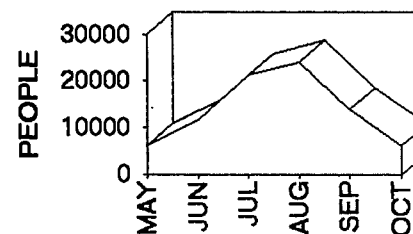
BAXTER STATE PARK  
1993 GATE COUNTS - PEOPLE PER GATE

	C A M P E R S			D A Y U S E			T R A N S I E N T S			WALK/ BIKE	TOTAL COUNT	% BY GATE
	RES	NON-RES	TOTAL	RES	NON-RES	TOTAL	RES	NON-RES	TOTAL			
TOGUE POND GATE												
May	813	603	1416	2691	729	3420	37	14	51	24	4911	
June	1971	1348	3319	4411	1616	6027	209	109	318	61	9725	
July	2805	2395	5200	6919	4352	11271	534	342	876	70	17417	
August	2666	2683	5349	7025	6891	13916	451	366	817	54	20136	
September	1857	1761	3618	4676	3232	7908	213	183	396	79	12001	
October	704	618	1322	1998	1526	3524	135	130	265	8	5119	
TOGUE TOTAL	10816	9408	20224	27720	18346	46066	1579	1144	2723	296	69309	83%
	C A M P E R S			D A Y U S E			T R A N S I E N T S			WALK/ BIKE	TOTAL COUNT	
	RES	NON-RES	TOTAL	RES	NON-RES	TOTAL	RES	NON-RES	TOTAL			
MATAGAMON GATE												
May	304	103	407	784	108	892	0	0	0	N	1299	
June	428	193	621	846	321	1167	97	52	149	O	1937	
July	821	354	1175	1616	596	2212	233	145	378	S	3765	
August	806	476	1282	1439	751	2190	228	213	441	T	3913	
September	374	229	603	549	352	901	162	186	348	A	1852	
October	133	63	196	457	154	611	133	77	210	T	1017	
MATAGAMON TOTAL	2866	1418	4284	5691	2282	7973	853	673	1526	0	13783	17%
TOTAL GATES	13682	10826	24508	33411	20628	54039	2432	1817	4249	296	83092	

**BAXTER STATE PARK**  
**1993 GATE COUNTS -VEHICLES PER MONTH**

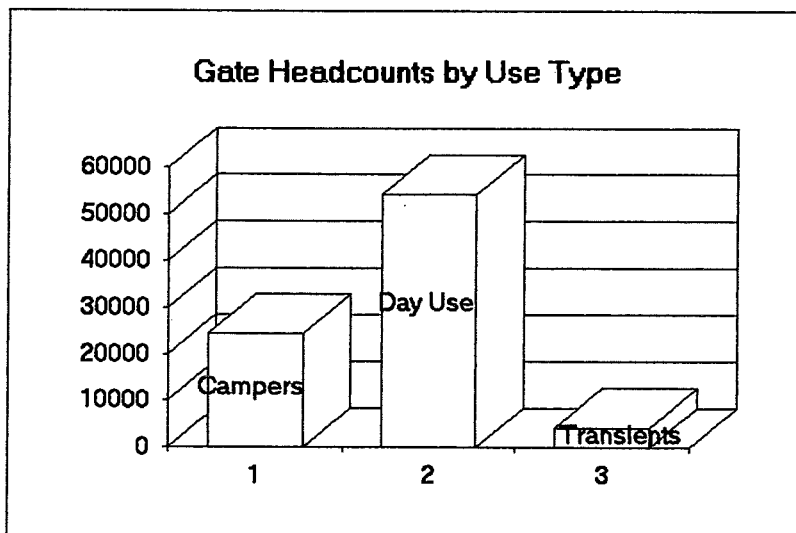
	V E H I C L E S			% OF TOTAL VEHICLES	TOTAL PEOPLE/ MONTH**	AVE. PEOPLE/ VEHICLE
	RES	NON-RES	TOTAL			
-----						
MAY						
Togue Pond	1265	879	2144			
Matagamon	387	87	474			
Total MAY	1652	966	2618	8	6210	2.4
JUNE						
Togue Pond	2347	1940	4287			
Matagamon	488	207	695			
Total JUNE	2835	2147	4982	15	11662	2.3
JULY						
Togue Pond	3204	3285	6489			
Matagamon	883	378	1261			
Total JULY	4087	3663	7750	24	21182	2.7
AUGUST						
Togue Pond	3303	4457	7760			
Matagamon	794	510	1304			
Total AUGUST	4097	4967	9064	28	24049	2.7
SEPTEMBER						
Togue Pond	2357	2883	5240			
Matagamon	423	344	767			
Total SEPTEMBER	2780	3227	6007	18	13853	2.3

**USE LEVELS BY MONTH**



**BAXTER STATE PARK**  
**1993 GATE COUNTS -VEHICLES PER GATE**

	RES	VEHICLES NON-RES	TOTAL	% OF TOTAL
<b>TOGUE POND GATE</b>				
May	1265	879	2144	
June	2347	1940	4287	
July	3204	3285	6489	
August	3303	4457	7760	
September	2357	2883	5240	
October	1001	1134	2135	
<b>TOGUE TOTAL</b>	<b>13477</b>	<b>14578</b>	<b>28055</b>	<b>85</b>
<b>MATAGAMON GATE</b>				
May	387	87	474	
June	488	207	695	
July	883	378	1261	
August	794	510	1304	
September	423	344	767	
October	264	130	394	
<b>MATAGAMON TOTAL</b>	<b>3239</b>	<b>1656</b>	<b>4895</b>	<b>15</b>
<b>TOTAL GATES</b>	<b>16716</b>	<b>16234</b>	<b>32950</b>	<b>100</b>



## Registered hikes per person per trail

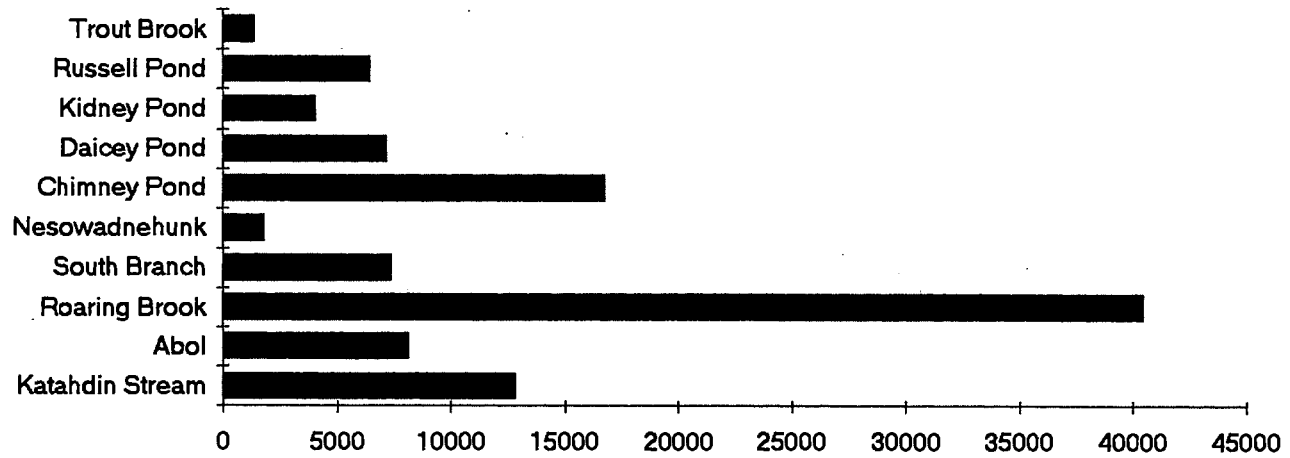
TRAIL USE-UNITS BY MONTH

TRAIL NAME	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	TRAIL TOTAL	AREA TOTAL	% OF TOTAL
<b>KATAHDIN STREAM:</b>									
Hunt	296	1038	2223	3008	1712	569	8846		
Owl	59	143	254	391	199	141	1187		
Grassy Pond	4	38	55	706	241	109	1153		
Double Top So.		75	179	302	216	114	886		
O.J.I.		57	162	221	149	47	636		
A.T. South		87	5	38	7		137		
<b>KATAHDIN TOTALS</b>	<b>359</b>	<b>1438</b>	<b>2878</b>	<b>4666</b>	<b>2524</b>	<b>980</b>		<b>12845</b>	<b>12%</b>
<b>ABOL:</b>									
Abol Beach	75	290	891	734	146	13	2149		
Abol Trail	472	496	1261	1681	1085	282	5277		
Abol Falls	83	63	200	208	117	55	726		
<b>ABOL TOTALS</b>	<b>630</b>	<b>849</b>	<b>2352</b>	<b>2623</b>	<b>1348</b>	<b>350</b>		<b>8152</b>	<b>8%</b>
<b>ROARING BROOK:</b>									
Chimney	1598	2189	4443	5710	3875	1284	19099		
Helon Taylor	346	559	1294	2019	1085	135	5438		
Sandy Stream	1694	1290	2515	2702	1622	830	10653		
So. Turner	324	242	496	475	467	223	2227		
Russell Pond	118	372	529	590	438	133	2180		
Nature Trail	116	109	192	270	169	73	929		
<b>RRG BK TOTALS</b>	<b>4196</b>	<b>4761</b>	<b>9469</b>	<b>11766</b>	<b>7656</b>	<b>2678</b>		<b>40526</b>	<b>38%</b>
<b>SOUTH BRANCH POND:</b>									
So. Branch Falls	32	101	108	218	43	34	536		
Ledges	54	118	76	193	82	32	555		
Howe Brook	30	119	182	336	124	40	831		
N. Traveler	82	225	228	445	137	91	1208		
Center Ridge	8	26	42	112	41	14	243		
So. Br. Mtn.	16	72	86	157	127	49	507		
Pogy Notch	183	453	599	1088	473	173	2969		
Burnt Mtn.*	37	24	70	40	75	0	246		
Mid. Fowl. & Other	7	25	15	66	71	15	199		
Webster Lake	10	15	21	40	17	0	103		
<b>SO. BRNCH. TOTALS</b>	<b>459</b>	<b>1178</b>	<b>1427</b>	<b>2695</b>	<b>1190</b>	<b>448</b>		<b>7397</b>	<b>7%</b>
<b>NESOWADNEHUNK:</b>									
Double Top	O	106	268	418	O	O	792		
Marston	S	90	267	344	S	S	701		
Wass. Lake Trail	T	0	58		T	T	58		
Dwellely Trail	A	26	87	136	A	A	249		
<b>NESO. TOTALS</b>	<b>T</b>	<b>222</b>	<b>680</b>	<b>898</b>	<b>T</b>	<b>T</b>		<b>1800</b>	<b>2%</b>

Registered hikes per person per trail, continued

TRAIL NAME	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	TRAIL TOTAL	AREA TOTAL	% OF TOTAL
CHIMNEY POND:									
Dudley	102	663	1026	1277	614	180	3862		
Cathedral	118	629	897	1519	829	209	4201		
Saddle	64	1016	1880	2333	1557	522	7372		
Hamlin		96	151	123	124	22	516		
N. Basin		83	190	157	159	32	621		
N. Peaks		3	3	5	2	0	13		
N.W. Basin		41	26	66	65	29	227		
CHIMNEY TOTALS	284	2531	4173	5480	3350	994		16812	16%
DAICEY POND:									
Niagara Falls	195	583	1123	1514	822	308	4545		
D.P. Nature Trail	55	46	129	192	128	50	600		
Lost Pond Trail	21	23	70	58	45	10	227		
Sentinel Mt. Trail	8	5	15	28	39	16	111		
A.T. to Katahdin	3	9	69	195	100	30	406		
Daicey to Grassy	26	46	77	159	116	58	482		
Daicey to Elbow	11	45	51	194	171	96	568		
Daicey to Kidney	32	56	52	66	61	31	298		
DAICEY TOTALS	351	813	1586	2406	1482	599		7237	7%
KIDNEY POND:									
Lily Pad Pond	19	118	72	43	36	19	307		
Sentinel Mtn.	69	185	367	312	247	140	1320		
Rocky Pond	116	177	233	122	153	27	828		
Draper Pond	4	18	31	16	21	6	96		
Kid. Pond Circuit	11	22	77	92	79	28	309		
Daicey Pond Trail	6	14	31	43	31	18	143		
Celia & Jackson	14	45	85	68	50	18	280		
Windy Pitch/Niagara	43	111	217	212	163	53	799		
KIDNEY TOTALS	282	690	1113	908	780	309		4082	4%
RUSSELL POND:									
Russell Pond Trail	99	404	595	581	346	135	2160		
Wass. Stream Trail	39	246	335	385	186	74	1265		
Pogy Notch Trail	125	134	149	202	90	38	738		
Wass. Lake Trail	100	183	336	334	200	51	1204		
N.W. Basin Trail	2	59	131	151	105	32	480		
N. Peaks Trail	7	7	5	17	24	9	69		
Grand Falls Trail	13	62	100	108	69	33	385		
Lookout Trail	18	43	33	65	41	19	219		
RUSSELL TOTALS	403	1138	1684	1843	1061	391		6520	6%
TROUT BROOK FARM:									
Horse Mountain		29	156	67	71	71	394		
Littlefield Pond	9	45	112	22	55	36	279		
High/Long Pond	44	21	29	56	30	5	185		
Fowler Pond	111	78	124		102	2	417		
Webster Lake							0		
Freezeout		16	12	56			84		
Trout Brook Mtn.	0	4	15	39			58		
TROUT BROOK TOTALS	164	193	448	240	258	114		1417	1%
=====									
TOTALS BY MONTH	7128	13813	25810	33525	19649	6863		106,788	100%
% OF TOTAL	7%	13%	24%	31%	18%	6%		100%	

### REGISTERED HIKES BY AREA - 1993





BAXTER STATE PARK  
CAMPGROUND VACANCY RATES \*  
1993

CAMPGROUND	# SITE-DAYS PER SEASON	# VACANT SITES	% 1993 VACANCY
ROARING BROOK	3,366	1062	31.6%
ABOL	3,203	1133	35.4%
KATAHDIN STREAM	3,282	1484	45.2%
DAICEY POND	1,638	677	41.3%
KIDNEY POND	1,777	101	5.7%
NESOWADNEHUNK	2,434	1116	45.9%
SOUTH BRANCH	4,894	1599	32.7%
CHIMNEY POND	1,377	256	18.6%
RUSSELL POND	1,224	410	33.5%
TROUT BROOK FARM	1,560	1265	81.1%
PARK-WIDE	24,755	9,103	36.8%

OUTLYING SITE VACANCY RATES  
1993

OUTLYING SITE	# SITE-DAYS PER SEASON	# VACANT SITE-DAYS	% 1993 VACANCY
WEBSTER AREA	2,142	1,669	77.9%
DAVIS POND	137	36	26.3%
FOWLER AREA	1,224	1,039	84.9%
SOUTH BRANCH	459	159	34.6%
WASS. AREA	584	167	28.6%
OUTLYING SITES	4,546	3,070	67.5%

\* These tables reflect the rate at which sites were occupied regardless of whether or not the site was filled to capacity. Bunkhouse facilities are not included in campground tabulations

BAXTER STATE PARK  
Camper Day Summary  
1993

CAMPGROUNDS	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	% OF SUMMER CAMPER		DEC.	JAN.	FEB.	MAR.	% OF WINTER CAMPER		ANNUAL CAMP-DAY TOTAL	% OF PARK TOTAL
							SUMMER TOTAL	DAY					WINTER TOTAL	DAY		
Roaring Brook	499	1192	1842	2035	1431	451	7450	14%	5	36	171	90	302	19%	7752	14%
Abol	390	660	1525	1821	1028	283	5707	11%	0	0	0	0	0	0%	5707	10%
Katahdin Stream	562	1102	1687	2039	1328	509	7227	13%	0	0	50	48	98	6%	7325	13%
Daicey Pond	481	960	1267	1372	1103	498	5681	10%	0	12	77	8	97	6%	5778	10%
Kidney Pond	108	856	1100	1202	1006	382	4654	9%	0	0	47	0	47	3%	4701	8%
Nesowadnehunk	175	336	1522	1891	548	159	4631	9%	0	4	31	56	91	6%	4722	8%
Trout Brook Farm	99	296	867	1117	116	42	2537	5%	0	32	8	0	40	3%	2577	5%
S. Branch Pond	449	1239	2667	3227	1496	509	9587	18%	0	26	95	32	153	10%	9740	17%
Russell Pond	175	515	716	766	595	133	2900	5%	0	16	83	14	113	7%	3013	5%
Chimney Pond	CLOSED	736	933	1044	811	270	3794	7%	20	84	317	192	613	39%	4407	8%
Campground Total	2938	7892	14126	16514	9462	3236	54168	78%	25	210	879	440	1554	100%	55722	79%
GROUP AREAS																
Avalanche Field	239	461	823	795	518	197	3033	29%							3033	29%
Foster Field	234	401	866	686	463	122	2772	27%							2772	27%
Nesowadnehunk	121	235	681	804	185	98	2124	20%	C	L	O	S	E	D	2124	20%
Trout Brook Farm	100	102	278	466	41	0	987	9%							987	9%
Abol Scout Area	140	314	325	491	141	89	1500	14%							1500	14%
Grp Area Total	834	1513	2973	3242	1348	506	10416	15%							10416	15%
OUTLYING SITES																
S. Branch Pond	60	83	170	234	144	67	758	17%							758	17%
Fowler	70	44	79	125	137	23	478	11%							478	11%
Webster	199	117	208	305	281	27	1137	26%							1137	26%
AT Shelter	34	54	180	386	188	45	887	20%	C	L	O	S	E	D	887	20%
Davis	CLOSED	38	62	69	52	23	244	5%							244	5%
Wassataquoik Area	49	133	230	325	216	0	953	21%							953	21%
Outlying Total	412	469	929	1444	1018	185	4457	6%							4457	6%
TOT. CAMPER DAYS	4184	9874	18028	21200	11828	3927	69041	100%	25	210	879	440	1554	100%	70595	100%
% OF PARK TOTAL	6%	14%	26%	30%	17%	6%	98%		0%	0%	1%	1%	2%		100%	

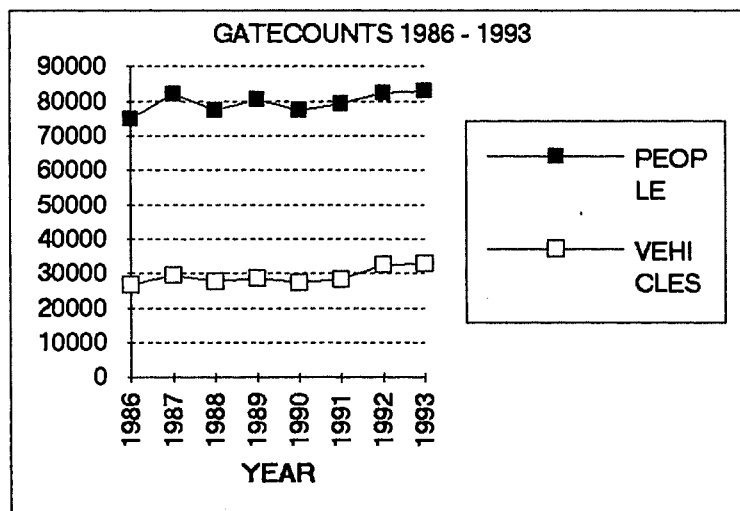
BAXTER STATE PARK  
Camper Day Summary  
1993

1993							% OF SUMMER CAMPER DAY	% OF WINTER CAMPER DAY									ANNUAL CAMP-DAY TOTAL	% OF PARK TOTAL
CAMPGROUNDS	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	SUMMER TOTAL	DEC.	JAN.	FEB.	MAR.	WINTER TOTAL	DAY	TOTAL				
Roaring Brook	499	1192	1842	2035	1431	451	7450	14%	5	36	171	90	302	19%	7752	14%		
Abol	390	660	1525	1821	1028	283	5707	11%	0	0	0	0	0	0%	5707	10%		
Katahdin Stream	562	1102	1687	2039	1328	509	7227	13%	0	0	50	48	98	6%	7325	13%		
Daicey Pond	481	960	1267	1372	1103	498	5681	10%	0	12	77	8	97	6%	5778	10%		
Kidney Pond	108	856	1100	1202	1006	382	4654	9%	0	0	47	0	47	3%	4701	8%		
Nesowadnehunk	175	336	1522	1891	548	159	4631	9%	0	4	31	56	91	6%	4722	8%		
Trout Brook Farm	99	296	867	1117	116	42	2537	5%	0	32	8	0	40	3%	2577	5%		
S. Branch Pond	449	1239	2667	3227	1496	509	9587	18%	0	26	95	32	153	10%	9740	17%		
Russell Pond	175	515	716	766	595	133	2900	5%	0	16	83	14	113	7%	3013	5%		
Chimney Pond	CLOSED	736	933	1044	811	270	3794	7%	20	84	317	192	613	39%	4407	8%		
Campground Total	2938	7892	14126	16514	9462	3236	54168	78%	25	210	879	440	1554	100%	55722	79%		
GROUP AREAS																		
Avalanche Field	239	461	823	795	518	197	3033	29%								3033	29%	
Foster Field	234	401	866	686	463	122	2772	27%								2772	27%	
Nesowadnehunk	121	235	681	804	185	98	2124	20%	C	L	O	S	E	D	2124	20%		
Trout Brook Farm	100	102	278	466	41	0	987	9%								987	9%	
Abol Scout Area	140	314	325	491	141	89	1500	14%								1500	14%	
Grp Area Total	834	1513	2973	3242	1348	506	10416	15%								10416	15%	
OUTLYING SITES																		
S. Branch Pond	60	83	170	234	144	67	758	17%								758	17%	
Fowler	70	44	79	125	137	23	478	11%								478	11%	
Webster	199	117	208	305	281	27	1137	26%								1137	26%	
AT Shelter	34	54	180	386	188	45	887	20%	C	L	O	S	E	D	887	20%		
Davis	CLOSED	38	62	69	52	23	244	5%								244	5%	
Wassataquoik Area	49	133	230	325	216	0	953	21%								953	21%	
Outlying Total	412	469	929	1444	1018	185	4457	6%								4457	6%	
TOT. CAMPER DAYS	4184	9874	18028	21200	11828	3927	69041	100%	25	210	879	440	1554	100%	70595	100%		
% OF PARK TOTAL	6%	14%	26%	30%	17%	6%	98%	0%	0%	1%	1%	2%	100%					

**BAXTER STATE PARK**  
**COMPARATIVE STATISTICS**      **1986 - 1993**

**GATEHOUSE STATISTICS:**

PERSONS	1986	1987	1988	1989	1990	1991	1992	1993
-----								
Resident	49459	50612	46908	50440	46913	47306	48110	49673
Non-resident	25579	31415	30679	30194	30622	32028	34417	33419
TOTAL	75038	82027	77587	80634	77535	79334	82527	83092
Day Use	41589	45980	48746	49195	50012	49402	54208	54335
Transient	12267	13013	5964	6570	4318	5177	4122	4249
Campers	20415	22290	22877	24869	23205	24755	24197	24508
K.P. Lodge	767	744	-	-	-	-	-	-
TOTAL	75038	82027	77587	80634	77535	79334	82527	83092
VEHICLES	1986	1987	1988	1989	1990	1991	1992	1993
-----								
Togue Pond	20106	22387	21430	22094	22523	23436	27763	28055
Matagamon	4331	4740	4584	4797	4858	4755	4783	4895
West Gate	2237	2221	1484	1585	-	-	-	-
TOTAL	26674	29348	27498	28476	27381	28191	32546	32950



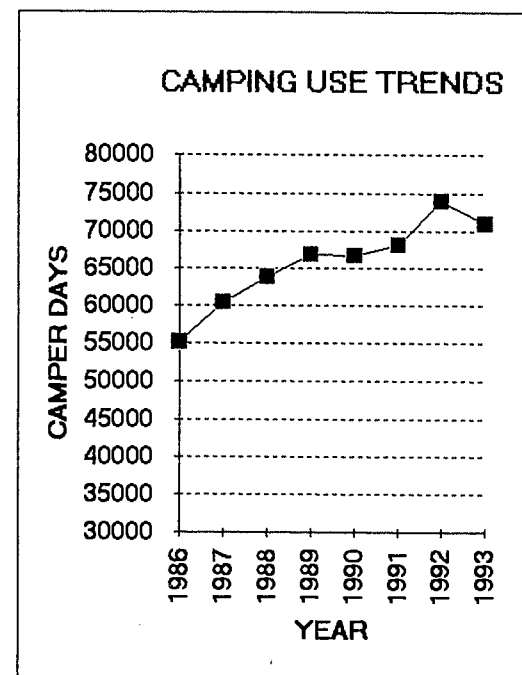
BAXTER STATE PARK  
COMPARATIVE STATISTICS - CAMPER DAYS  
1986 - 1993

	1986	1987	1988	1989	1990	1991	1992	1993
<hr/>								
CAMPGROUNDS:								
Roaring Brook	7060	7711	7535	7653	7406	7664	10769	7450
Abol	4988	5415	5621	5691	5381	5601	5623	5707
Katahdin Stream	7020	7456	7382	7743	7223	7353	7654	7227
Daicey Pond	4635	4863	4871	4636	5138	4842	4428	5681
Kidney Pond	-	-	-	2179	3315	3826	4565	4654
Nesowadnehunk	3916	4541	4602	4223	4695	4425	4528	4631
Trout Brook Farm	1970	2331	2710	3077	2977	2650	2717	2537
S. Branch Pond	8472	9375	9331	9380	9251	9610	9900	9587
Russell Pond	2719	2890	3028	2881	2961	2968	3029	2900
Chimney Pond	3623	3688	3756	3888	3812	3849	3973	3794
<hr/>								
TOTAL	44403	48270	48836	51351	52159	52788	57186	54168
<hr/>								
GROUP AREAS:								
Avalanche Field	2562	2762	3008	2968	3116	3110	3093	3033
Foster Field	2456	2536	3323	2627	2564	2690	2845	2772
Nesowadnehunk	787	1246	1288	1959	1501	1667	1722	2124
Trout Brook Farm	530	935	1483	1714	1169	1331	1156	987
Abol Scout Area	-	-	-	-	-	-	1500	1500
<hr/>								
TOTAL	6335	7479	9102	9268	8350	8798	10316	10416
<hr/>								
OUTLYING SITES:								
S. Branch Area	381	466	501	565	678	649	803	758
Fowler Area	680	785	1005	1003	796	734	659	478
Webster Area	909	1101	1491	1373	1315	1181	1514	1137
AT Shelter	111	324	171	393	386	484	414	887
Davis Pond Area	240	243	241	251	271	230	250	244
Wassataquoik Area	717	773	864	829	868	848	950	953
<hr/>								
TOTAL	3038	3692	4273	4414	4314	4126	4590	4457
<hr/>								
TOTAL SUMMER CAMPER DAYS	53776	59441	62211	65033	64823	65712	72092	69041
<hr/>								
WINTER CAMPER DAYS	1403	919	1622	1810	1895	2435	1868	1868
<hr/>								
TOTAL ANNUAL CAMPER DAYS	55179	60360	63833	66843	66718	68147	73960	70909

TOTAL CAMPER DAYS (67,541)

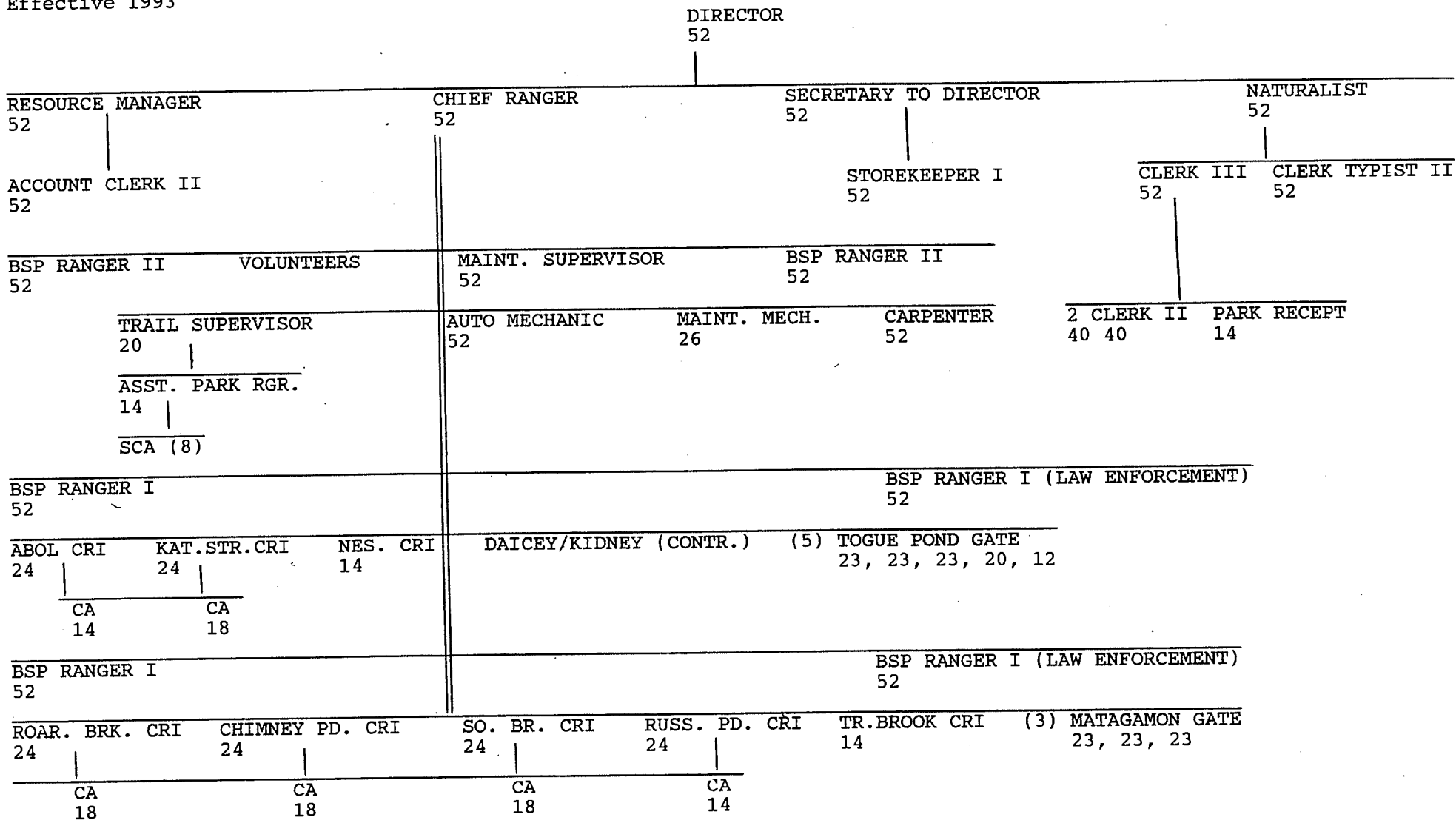
TOTAL CAMPERS (24,508)

= 2.76 DAYS PER CAMPER



46 Classified Positions  
 2 Contract Services  
 8 SCA Positions  
 Effective 1993

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



BAXTER STATE PARK  
YEAR-ROUND POSITIONS - 1993

<u>Title/ Position Number:</u>	<u>Name:</u>	<u>Location:</u>
BSP Director 9429-0811	Irvin C. Caverly, Jr.	Headquarters, Mlkt.
BSP Chief Ranger 9428-0966	Chris M. Drew	Headquarters, Mlkt.
Forester II 9452-0968	D. Jensen Bissell	Headquarters, Mlkt.
Secretary 005-0969	Roxanna F. McLean	Headquarters, Mlkt.
BSP Naturalist 0479A-0947	Jean Hoekwater	Headquarters, Mlkt.
BSP Rangers II 9404-0946	Barry MacArthur	Field
9404-0945	Robert E. Howes	Field
BSP Rangers I 9434-0946	Thomas P. Chase	Field
9434-0944	Loren Goode	Field
9434-0943	Bernard Crabtree	Field
9434-0942	Charlie Kenney	Field
Auto Mechanic II 8303-0926	Tim Sides	Headquarters, Mlkt.
Clerk III 0003-0091	Janice T. Caverly	Headquarters, Mlkt.
Account Clerk II 0013-1081	Judith A. Hafford	Headquarters, Mlkt.
Clerk Typist II 0012-0871	S. Jean Howes	Headquarters, Mlkt.
Storekeeper I 0221-0927	Rosemary K. James	Headquarters, Mlkt.
Carpenter 8201-0041	Albert Rickards	Headquarters, Mlkt.

# SEASONAL POSITIONS - 1993

<u>Title/ Position Number</u>	<u>Name/Location</u>	<u>Weeks</u>	<u>Start</u>	<u>End</u>
<b>MAINTENANCE RANGERS</b>				
8281-0965 - 2	Coolong - North	26	5-2	10-30
<b>CAMPGROUND RANGERS</b>				
9425-0631 - 7	White - Nesowadnehung	14	6-13	9-18
9425-0021 - 1	Curran - Russell Pond	24	5-9	10-23
9425-0221 - 3	Smith - South Branch Pond	24	5-9	10-23
9425-0351 - 4	Hendrickson - Chimney Pond	24	5-9	10-23
9425-0641 - 8	Hamer - Roaring Brook	24	5-9	10-23
9425-0601 - 6	Johnston - Abol	24	5-9	10-23
9425-0391 - 5	Browning - Katahdin Stream	24	5-9	10-23
9425-0611 - 2	Edes - Trout Brook Farm	14	5-30	9-4
<b>CAMPGROUND ATTENDANTS</b>				
9424-0841 - 5	Guay - Chimney Pond	18	6-6	10-9
9424-0741 - 3	Roberts - Roaring Brook	18	6-6	10-9
9424-0922 - 6	Milne - South Branch Pond	18	6-6	10-9
9424-0831 - 4	Sheltmire - Russell Pond	14	5-30	9-4
9424-0421 - 1	Tollett - Katahdin Stream	18	6-6	10-9
9424-0461 - 2	Dow - Abol	14	5-23	8-28
<b>GATEHOUSE ATTENDANTS</b>				
9422-0171 - 3	Gordon - Togue Pond	23	5-9	10-16
9422-0511 - 5	Hunt - Togue Pond	23	5-9	10-16
9422-0361 - 7	Miller - Matagamon	23	5-9	10-16
9422-0441 - 8	Thies - Matagamon	23	5-9	10-16
9422-0201 - 9	Hanson - Matagamon	23	5-9	10-16
9422-0501 - 4	Freelove - Togue Pond	23	5-9	10-16
9422-0531 - 1	Doe - Togue Pond	20	5-23	10-9
9422-0541 - 2	Morgan - Togue Pond	12	6-6	8-28
<b>TRAIL CREW</b>				
9435-0141 - 1	Kenway - Trail Crew Super.	28	5-2	11-13
8002-0940 - 1	Shea - Assistant Park Rgr.	14	5-9	8-14
<b>HEADQUARTERS</b>				
0002-0731 - 1	King - Clerk II	40	1-4	10-9
0002-0941 - 2	Hanson - Clerk II	40	1-4	10-9
9210-0967 - 1	Bell - Park Receptionist	14	5-30	9-4





## **F. FINANCIAL REPORT**



BAXTER STATE PARK - F.Y. 1994 WORK PROGRAM  
SUMMARY OF TRUST FUND ACCOUNTS  
DECEMBER 31, 1992

Approved 5/12/93

FUNDS GENERATING OPERATING REVENUE	MARKET VALUE	ANNUALIZED INCOME**	CURRENT YIELD	% OF ASSETS
<hr/>				
PERCTVAL. P. BAXTER TRUST u/ind Boston Company (14-0068-00-8)	\$18,004,201.23	\$899,218.00	4.99%	60.61%
BAXTER STATE PARK AUTHORITY INVESTMENT FUND Boston Company (60-0421-00-2)	\$6,005,157.67	\$241,038.00	4.01%	20.21%
STATE-HELD TRUST Gouws Capital Management (A-48381)	\$2,993,228.78	\$216,194.00	7.22%	10.08%
STATE TREASURER'S CASH POOL (82460)	\$12,937.71	\$1,872.72	14.47%	0.04%
OPERATING FUND TOTALS	\$27,015,525.39	\$1,358,322.72	5.03%	90.94%
<hr/>				
SPECIAL PURPOSE TRUST FUNDS				
<hr/>				
BAXTER STATE PARK AUTHORITY RESERVE FUND Boston Company (60-0422-00-0)	\$2,094,875.61	\$68,255.00	3.26%	7.05%
BAXTER STATE PARK AUTHORITY MACKWORTH ISLAND FUND (land purchase) (87031)	\$609,671.00	\$40,837.00	6.70%	2.05%
SPECIAL PURPOSE FUND TOTALS	\$2,704,546.61	\$109,092.00	4.03%	9.10%
TOTAL ALL TRUST FUNDS	\$29,720,072.00	\$1,467,414.72	4.94%	100.04%

\*\* Before fees

MARKET VALUES FOR INCOME PRODUCING TRUST FUNDS

YEAR	MONTH	TRUST FUND				TOTAL BAXTER	QUARTERLY % CHANGE	STATE HELD	QUARTERLY % CHANGE	TOTAL INCOME-GEN		TOTAL I-G TRUSTS W/O RESERVE	QUARTERLY % CHANGE
		BAXTER PRINCIPAL	INVESTED INCOME	INVESTMENT FUND	RESERVE FUND					TRUSTS	% CHANGE		
1988	Oct	13,473,237	4,704,843			18,178,080		2,583,446		20,761,526		20,761,526	
	Jan	13,784,486	4,962,740			18,747,226	3.13%	2,660,231	2.97%	21,407,457	3.11%	21,407,457	3.11%
1989	Apr	13,905,776	5,005,100			18,910,876	0.87%	2,737,016	2.89%	21,647,892	1.12%	21,647,892	1.12%
	July	14,573,574	5,430,992			20,004,566	5.78%	2,813,801	2.81%	22,818,367	5.41%	22,818,367	5.41%
	Oct	15,352,563	5,388,735			20,741,298	3.68%	2,847,197	1.19%	23,588,495	3.38%	23,588,495	3.38%
	Jan	15,616,925	5,429,572			21,046,497	1.47%	2,880,592	1.17%	23,927,089	1.44%	23,927,089	1.44%
1990	Apr	15,027,687	5,612,636			20,640,323	-1.93%	2,865,566	-0.52%	23,505,889	-1.76%	23,505,889	-1.76%
	July	15,543,259	5,733,515			21,276,774	3.08%	2,850,539	-0.52%	24,127,313	2.64%	24,127,313	2.64%
	Oct	14,874,223	5,431,655			20,305,878	-4.56%	2,836,425	-0.50%	23,142,303	-4.08%	23,142,303	-4.08%
	Jan	15,430,335	0	4,825,005	907,644	21,162,984	4.22%	2,822,310	-0.50%	23,985,294	3.64%	23,077,650	-0.28%
1991	Apr	16,299,184	0	5,228,225	913,398	22,440,807	6.04%	2,784,783	-1.33%	25,225,590	5.17%	24,312,192	5.35%
	July	16,301,842	0	5,293,077	926,077	22,520,996	0.36%	2,747,255	-1.35%	25,268,251	0.17%	24,342,174	0.12%
	Oct	16,975,561	0	5,528,712	957,762	23,462,035	4.18%	2,896,190	5.42%	26,358,225	4.31%	25,400,463	4.35%
	Jan	17,718,348	0	5,861,946	983,886	24,564,180	4.70%	2,993,808	3.37%	27,557,988	4.55%	26,574,102	4.62%
1992	Apr	17,233,077	0	5,727,792	1,868,945	24,829,814	1.08%	3,044,787	1.70%	27,874,601	1.15%	26,005,656	-2.14%
	July	17,375,238	0	5,734,920	1,879,309	24,989,467	0.64%	2,908,406	-4.48%	27,897,873	0.08%	26,018,564	0.05%
	Oct	17,796,053	0	5,865,312	1,794,571	25,455,936	1.87%	3,220,803	10.74%	28,676,739	2.79%	26,882,168	3.32%
1993	Jan	18,004,201	0	6,005,158	2,094,876	26,104,235	2.55%	2,993,229	-7.07%	29,097,463	1.47%	27,002,588	0.45%
	Apr	0	0	0	0	0		0		0		0	
	July												
	Dec												

TRAILING 12 QUARTER AVERAGE, INCOME GENERATING TRUSTS:

COMPOUND QUARTERLY CHANGE 2.15% 0.87% 2.01% 1.56%

4.9% ROLLING AVERAGE INCOME GENERATING TRUSTS

1,226,597

5.0% ROLLING AVERAGE INCOME GENERATING TRUSTS

1,251,629

TRAILING 9 QUARTER AVERAGE, INVESTMENT FUND:

5,563,350

INVESTMENT POLICY RESERVE FUND LEVEL (INV. FND TRING 9 1/4 X 5% X 5)

1,390,837

BAXTER STATE PARK - F.Y. 1994 WORK PROGRAM  
BUDGET SUMMARY

REVENUE	CODE	1992 ACTUAL	% OF TOTAL	1993 WRK PRGRM	% OF TOTAL	1994 BUDGET	% OF TOTAL	1994 WRK PRGRM	% OF TOTAL
SPECIAL LICENSES & LEASES	1448	105		100		100		100	
INT ON INVEST	2105	7,379		6,000		6,000		7,000	
RECREATIONAL USE OF PARKS	2610	466,250	33.4	450,000	24.0	500,000	26.0	500,000	25.4
TRANSFER FEES	2616	3,255		3,500		3,000		3,000	
ENTRANCE FEES	2618	89,354	6.4	85,000	4.5	86,500	4.5	90,000	4.6
DUPLICATE FEES	2620	(9,533)		(14,000)		(14,000)		(10,000)	
MISC SERV & FEES (canoe/wd)	2637	17,436		41,000		16,500		15,000	
SALE OF MAPS	2657	13,620		15,000		15,500		12,000	
SALE FOREST PRODUCTS	2666	102,973	7.4	100,000	5.3	100,000	5.2	100,000	5.1
OVERPAYMENTS REFUNDED	2681	(5,052)		(5,000)		(5,000)		(3,000)	
MISC. INCOME	2686	534		1,000		1,000		1,000	
CASH OVER/SHORT FORGN EX	2689	296		100		100		50	
CONTINGENCY FROM TRUST	2724	710,000	50.8	1,193,600	63.6	1,211,217	63.0	1,251,629	63.6
SALE OF EQUIPMENT	2808	0		1,500		1,500		1,500	
TOTAL REVENUE		\$1,396,618		\$1,877,800		\$1,922,417		\$1,968,279	
Change from previous column				34.5%		2.4%		2.4%	
EXPENDITURES BY GROUP									
PERSONAL SERVICES		964,619	62.5	\$998,202	58.6	1,173,555	62.3	1,173,555	63.4
ALL OTHER		504,041	32.6	625,490	36.7	627,659	33.3	611,190	33.0
CAPITAL		75,409	4.9	79,200	4.7	82,000	4.4	65,000	3.5
TOTAL EXPENDITURES		\$1,544,069		\$1,702,892		\$1,883,214		\$1,849,745	
Change from previous column (\$)				\$158,823		\$180,322		(\$33,469)	
Change from previous column (%)				10.3%		10.6%		-1.8%	

BAXTER STATE PARK - F.Y. 1994 WORK PROGRAM  
EXPENDITURE DETAIL

PERSONAL SERVICES	CODE	F.Y. 92 ACTUAL	% OF TOTAL	F.Y. 93 WK PRGRM	% OF TOTAL	F.Y. 94 BUDGET	% OF TOTAL	F.Y. 94 WK PRGRM	% OF TOTAL
=====									
PERMANENT REGULAR	3110	491,845		488,433		568,564		568,564	
SEASONAL REGULAR	3310	187,473		214,995		253,618		253,618	
VACATION PAY	3380	7,356						20,000	
ACTING CAPACITY	3450	4,603							
STANDARD OVERTIME	3611	5,115		20,000		20,000			
PREMIUM OVERTIME	3612	5,980		-					
RETRO PAY	3616	6,498		-					
LONGEVITY	3631	7,472		7,504		7,472		7,472	
NON-STAND DIFF	3641	6,585		5,549		6,582		6,582	
WEEKEND DIFF	3642	263							
UNEMPLOYMENT COMP COSTS	3810	9,531		13,334		14,564		14,564	
HEALTH INSURANCE	3901	74,980		96,000		104,009		104,009	
DENTAL INSURANCE	3905	3,386		4,320		5,256		5,256	
EMPLOYEE HEALTH SERVICE	3906	1,985		2,100		1,984		1,984	
EMPLOYER RETIREMENT COSTS	3910	142,837		142,572		181,851		181,851	
EMPLOYER GROUP LIFE	3911	2,147		2,172		2,312		2,312	
EMPLOYER MEDICARE COST	3912	3,498		3,777		4,267		4,267	
UNIFORM MAINT ALLOWANCE	3971	2,955		2,995		3,076		3,076	
INTEREST DUE EMPLOYEES	3978	110							
		-----		-----		-----		-----	
TOTAL PERS SERV		\$964,619	62.5	\$1,003,751	59.0	\$1,173,555	62.3	\$1,173,555	63.4
ALL OTHER									
=====									
PROF SERV - NOT STATE	4000	144,375		168,200		170,101		169,800	
PROF SERV - BY STATE	4100	24		200		194		190	
TRAVEL EXPENSE - IN STATE	4200	5,033		8,500		8,248		5,200	
TRAVEL EXPENSE - OUT STATE	4300	58		3,000		2,997		1,500	
OPERATING STATE VEHICLES	4400	39,362		64,200		64,478		54,200	
UTILITY SERVICES	4500	21,570		31,000		30,772		30,500	
RENTS	4600	4,006		5,750		5,741		4,000	
REPAIRS	4700	35,592		40,400		40,615		40,500	
INSURANCE	4800	37,232		42,800		42,364		51,600	
GENERAL OPERATING EXPENSE	4900	84,910		141,630		141,425		126,600	
FOOD	5100	1,142		4,500		4,441		4,400	
FUEL	5200	5,024		11,000		10,675		11,700	
SUPPLIES - OFFICE	5300	5,404		6,000		5,991		6,000	
CLOTHING	5400	6,975		8,000		8,044		8,000	
SUPPLIES - DEPT OPERATIONS	5600	62,398		57,000		80,596		86,000	
HIGHWAY MATERIALS	5800	11,209		9,000		10,977		11,000	
GRANTS TO ORG	6400	39,695							
INTEREST PAYMENT LATE FEE	8008	32							
		-----		-----		-----		-----	
TOTAL ALL OTHER		\$504,041	32.6	\$601,180	35.3	\$627,659	33.3	\$611,190	33.0
CAPITAL									
=====									
BUILDING & IMPROVEMENTS	7101	28,540		17,100		20,000		13,000	
EQUIPMENT	7200	46,869		79,350		62,000		52,000	
STRUCTURES	7301	0							
		-----		-----		-----		-----	
TOTAL CAPITAL		\$75,409	4.9	\$96,450	5.7	\$82,000	4.4	\$65,000	3.5
		=====		=====		=====		=====	
TOTAL EXPENDITURES		\$1,544,069		\$1,701,381		\$1,883,214		\$1,849,745	

BAXTER STATE PARK  
WORK PROGRAM - 1992  
PERSONAL SERVICES DETAIL - SEASONAL POSITIONS

Position		P A Y R O L L	LONG	UNEMP	HEALTH	DENTAL	EMP	RETIRE	LIFE	MEDI	UNI	POSITION
Number	1010 Admi #Wks	1993 1994	EVITY 3631	COMP** 3810	INS 3901	INS 3905	MED 3906	MENT 3910	INS 3911	CARE** 3912	ALLO 3971	TOTAL
0002-0090Clerk II	40	15,200 15,960	0	280	2277	0	24	3857	42	0	0	22,440
0002-0090Clerk II	40	11,776 13,558	0	238	0	0	24	3276	0	0	0	17,096
9210-0090Prk Recep	14	3,970 4,954	0	87	1120	60	24	1197	0	75	0	7,517
1021 Work Group A												
9425-0090Cmpgrnd R	25	10,880 11,750	0	206	0	0	24	2839	0	0	0	14,820
9425-0090Cmpgrnd R	25	10,880 11,750	0	206	0	107	24	2839	17	0	78	15,022
9425-0090Cmpgrnd R	25	10,880 11,750	0	206	2000	107	24	2839	17	0	94	17,038
9425-0090Cmpgrnd R	25	10,880 11,750	0	206	1423	107	24	2839	0	0	94	16,445
9422-0090Gatehse A	25	8,680 9,652	0	170	0	0	24	0	0	147	0	9,993
9422-0090Gatehse A	25	9,310 10,310	0	181	0	0	24	2491	15	157	0	13,178
9422-0090Gatehse A	25	8,680 9,424	0	166	1423	107	24	2277	13	143	0	13,578
9424-0090Cmpgrnd A	18	5,566 6,728	0	118	0	77	24	1626	0	102	94	8,770
9424-0090Cmpgrnd A	18	6,055 6,955	0	122	1025	0	24	1681	8	106	0	9,920
9424-0090Cmpgrnd A	18	6,250 7,071	0	124	0	0	24	1709	8	107	0	9,043
9424-0090Cmpgrnd A	14	4,329 5,382	0	95	0	60	24	1301	4	82	0	6,948
9425-0090Cmpgrnd R	14	4,659 5,792	0	102	0	0	24	1400	10	88	62	7,478
1022 Work Group B												
9425-0090Cmpgrnd R	25	9,340 10,441	0	183	0	107	24	2523	13	159	94	13,545
9425-0090Cmpgrnd R	25	10,880 11,750	0	206	2388	107	24	2839	0	0	94	17,410
9422-0090Gatehse A	25	7,730 9,083	0	160	797	0	24	2195	0	138	0	12,396
9422-0090Gatehse A	25	7,730 9,083	0	160	0	0	24	2195	0	138	0	11,599
9422-0090Gatehse A	25	7,730 9,083	0	160	1423	107	24	2195	15	138	0	13,145
9422-0090Gatehse A	20	6,184 7,401	0	130	0	0	24	1788	0	112	0	9,456
9424-0090Cmpgrnd A	18	5,566 6,728	0	118	1025	0	24	1626	0	102	0	9,623
9424-0090Cmpgrnd A	14	4,329 5,382	0	95	0	60	24	1301	5	82	0	6,949
9425-0090Cmpgrnd R	14	4,659 5,792	0	102	797	60	24	1400	10	88	94	8,367
9422-0090Gatehse A	12	3,710 4,710	0	83	0	0	24	1138	4	72	0	6,030
1023 Maintenance												
8281-0090Maint Rng	26	11,315 12,186	0	214	2484	112	24	2945	18	0	94	18,077
1028 Trl Crw												
9435-0090Trl Crw S	28	13,003 13,932	0	245	0	0	24	0	0	0	94	14,295
8002-0090Laborer I	14	4,222 5,261	0	92	0	0	24	0	0	80	0	5,457
=====												
TOTAL SEASONAL		224,394 253,618	0	4,457	18,182	1,180	675	54,316	199	2,116	894	335,636
=====												
TOTAL YR-RND + SEASONAL:		760,824 828,764	7,472	14,564	104,008	5,257	1,984	181,851	2,312	4,267	3,076	1,153,556

\*\* Not included in B Form



BAXTER STATE PARK - F.Y. 1994 WORK PROGRAM  
PERSONAL SERVICES DETAIL - YEAR ROUND POSITIONS

Position Number	P A Y R O L L		LONG	UNEMP	HEALTH	DENTAL	EMP	RETIRE	LIFE	MEDI	UNI	POSITION
	1993	1994	EVITY	COMP**	INS	INS	MED	MENT	INS	CARE**	ALLO	TOTAL
			3631	3810	3901	3905	3906	3910	3911	3912	3971	
-----												
1010 Administration												
0013-0090Accts Clk II	21,798	23,233	0	408	4668	255	73	5267	81	0	0	33,985
0012-0090Clk Typ II	20,342	21,125	0	371	4122	255	73	4916	81	0	0	30,943
0221-0090Strs Clk	20,779	21,578	0	379	3329	255	73	5022	81	328	0	31,045
-----												
1020 Operations												
9429-0090Director	50,024	51,948	853	913	3329	255	73	13241	193	0	198	71,003
9428-0090Chf Rngr	41,517	49,696 *	853	873	6351	255	73	11872	193	0	198	70,364
0005-0090Scrtry	21,549	23,134	0	407	5608	255	73	5208	81	352	0	35,117
-----												
1021 Work Group A												
9404-0090Dist Rngr	35,693	37,066	853	651	6351	255	73	8826	151	0	198	54,424
9434-0090Prk Rngr	30,763	31,946	853	561	6351	255	73	7635	135	0	198	48,008
9434-0090Prk Rngr	30,763	31,946	853	561	5608	255	73	7635	135	0	198	47,265
-----												
1022 Work Group B												
9404-0090Dist Rngr	35,693	37,066	853	651	4122	255	73	8826	146	0	198	52,191
9434-0090Prk Rngr	30,763	31,946	853	561	6351	255	73	7635	139	0	198	48,012
9434-0090Prk Rngr	30,763	31,946	648	561	5608	0	73	7635	135	0	198	46,805
-----												
1023 Maint												
9427-0090Maint Sup	25,894	35,359	0	621	0	0	73	0	0	0	0	36,053
8303-0090Auto Mech II	25,875	26,870	0	472	6351	255	73	6017	97	0	0	40,135
8281-0090Carpenter	23,171	24,497	0	430	3329	255	73	5599	89	372	198	34,844
-----												
1027 Pub Rel												
0479-0090Naturalist	29,349	31,722	0	557	4668	255	73	7092	128	482	198	45,175
003-0090Clerk III	22,630	23,501	853	413	3329	255	73	5670	93	0	0	34,186
-----												
1030 SFMA												
9452-0090Res Mgr	39,062	40,565	0	713	6351	255	73	9440	154	617	198	58,365
-----												
TOTAL YEAR-ROUND	536,430	575,146	7,472	10,107	85,826	4,077	1,309	127,536	2,113	2,151	2,182	817,920

\* Includes \$ 6,581.82 Non-Standard Differential (3641)

\*\* Not included in B Form

ALL OTHER DETAIL

G & O	1992 ACTUAL	1993 WRKPRGRM (PROPOSED)	1994 WRKPRGRM (BUDGET)	1994 WRKPRGRM (BAXTER)
4000 PROF SERVICES - NOT STATE				
4015 Casual Labor				
SCA - 9 positions	6,459	19,500	19,500	19,500
Headquarters Grounds		1,200	1,200	1,200
Other		5,400	5,400	2,400
4016 Artwork, Research, Map Revision, Film Dev., Design and Layout		1,200	1,200	1,200
4041 Laundry Services	38	200	201	200
4046 Medical Services	553	400	400	3,500
4099 Misc. Professional Services				
Cmpgrd serv-kidney	106,462	16,900	18,500	18,500
Cmpgrd serv-daicey		18,400	18,500	18,500
Janitorial		7,000	7,000	7,000
Rubbish removal		10,000	10,000	10,000
Vault pumping		3,000	3,000	3,000
For mgt serv		12,000	12,000	10,000
Rd const (SFMA)		60,000	62,000	62,000
Trucking (firewood)		0	0	0
Financial Service		13,000	6,000	4,000
Contract workers		0	5,200	8,800
TOTAL 4000	113,512	168,200	170,101	169,800
4100 PROF SERVICES - STATE				
4106 Lab Serv.-Photos & h2o Test	294	200	194	190
TOTAL 4100	294	200	194	190
4200 TRAVEL EXPENSE - TN STATE				
4270 Auto Mileage	3,837	6,000	2,750	4,000
4230 Rooms & Lodging	139	1,500	2,750	600
4274 Meals & Gratuities	15	1,000	2,748	600
TOTAL 4200	3,991	8,500	8,248	5,200

C. & O.		1992 ACTUAL	1993 WRKPRGRM (PROPOSED)	1994 WRKPRGRM (BUDGET)	1994 WRKPRGRM (BAXTER)
4300	TRAVEL EXPENSE - OUT OF STATE				
4381	Other Transportation Costs	310	1,000	1,000	500
4383	Rooms & Lodging		1,000	1,000	500
4384	Meals & Gratuities		1,000	997	500
	TOTAL 4300	310	3,000	2,997	1,500
4400	OPERATION OF STATE VEHICLES				
4402	Gas, Oil, Grease	27,233	40,000	40,000	30,000
4403	Diesel Fuel		200	178	200
4421	Tractor Repairs	7,302	4,000	4,000	4,000
4423	Repair Parts & Supplies	12,179	15,000	15,300	15,000
4424	Snowsled Repairs	3,430	5,000	5,000	5,000
	TOTAL 4400	50,144	64,200	64,478	54,200
4500	UTILITY SERVICES				
4501	Telephone	17,205	16,000	16,000	16,000
4521	Electricity	4,887	7,000	7,000	7,500
4536	Other (propane, h2o, sewer)	5,154	6,000	6,000	5,000
4551	Freight	2,517	2,000	1,772	2,000
	TOTAL 4500	29,763	31,000	30,772	30,500
4600	RENTS				
4601	Land at Togue and Abol	1,350	2,900	1,200	200
4602	Planes	514	2,500	2,500	1,000
4616	Office Equipment	725	100	1,400	2,200
4661	Other Equipment	342	250	641	600
	TOTAL 4600	2,931	5,750	5,741	4,000
4700	REPAIRS				
4701	Roads & Grounds	2,114	1,000	2,500	2,500
4711	Buildings	22,856	22,400	15,000	21,000
4721	Equipment	4,653	7,000	7,000	6,000
4726	Radios	9,297	5,000	10,000	5,000
4731	Misc. Repairs	1,113	5,000	6,115	6,000
	TOTAL 4700	40,033	40,400	40,615	40,500

C. & O	1992 ACTUAL	1993 WRKPRGRM (PROPOSED)	1994 WRKPRGRM (BUDGET)	1994 WRKPRGRM (BAXTER)
4800 INSURANCE				
4801 Buildings	7,229	1,500	1,400	1,500
4811 Equipment & Liability		1,500	1,800	1,900
4851 Workers Comp	30,728	32,800	33,000	42,000
4852 Vehicle		7,000	6,164	6,200
TOTAL 4800	37,957	42,800	42,364	51,600
4900 GENERAL OPERATING EXPENSE				
4901 Stamps	7,651	8,000	8,000	8,500
4929 Printing - Commercial	14,360	14,000	14,000	14,000
4938 Photocopying	793	4,500	4,500	200
4939 Printing - State		8,000	8,000	2,000
4946 Advertising	436	2,500	2,500	2,500
4964 Road Tolls (SFMA)	3,108	29,000	29,000	15,000
4973 Training & Tuition	2,066	4,000	4,000	4,000
4975 Sales Tax	19,968	40,230	44,000	33,000
4978 Advisory Committee Travel		1,000	1,000	2,000
4982 Periodical & Newspaper	293	400	400	400
4995 General Field Op Expense (S&R, Boundary, Vol Prog.)	243	30,000	26,025	45,000
TOTAL 4900	48,918	141,630	141,425	126,600
5100 COMMODITIES				
5150 Food	3,799	4,500	4,441	4,400
TOTAL 5100	3,799	4,500	4,441	4,400
5200 FUEL				
5201 Oil		6,000	5,675	5,700
5211 Wood	1,593	5,000	5,000	6,000
TOTAL 5200	1,593	11,000	10,675	11,700
5300 OTHER SUPPLIES				
5301 Office Supplies	6,105	6,000	5,991	6,000
TOTAL 5300	6,105	6,000	5,991	6,000

C & O		1992 ACTUAL	WRKPRGRM (PROPOSED)	WRKPRGRM (BUDGET)	WRKPRGRM (BAXTER)
5400	CLOTHING				
5402	Employees Clothing	7,118	8,000	8,044	8,000
	TOTAL 5400	7,118	8,000	8,044	8,000
5600	OPERATING SUPPLIES				
5611	Educational Supplies	87	500	4,000	1,000
5629	Books for Resale	7,422	10,500	17,600	14,000
5636	Misc. Supplies (Spring Req)	33,605	30,000	37,000	35,000
5650	Misc. Minor Equip. (detail)	8,095	16,000	21,996	36,000
	TOTAL 5600	49,209	57,000	80,596	86,000
5800	HIGHWAY MATERIALS				
5812	Culverts	1,734	4,000	5,000	5,000
5830	Lumber	907	4,000	4,000	4,000
5861	Signs		1,000	1,977	2,000
5890	Other Highway Materials	1,199	0		
	TOTAL 5800	3,840	9,000	10,977	11,000
	TOTAL ALL OTHER	399,517	601,180	627,659	611,190

BAXTER STATE PARK - F.Y. 1994 WORK PROGRAM  
 CAPITAL EQUIPMENT DETAIL - 7200  
 AND MINOR EQUIPMENT DETAIL - 5650

Division/Description	1992 Wk Program			1993 Wk Program			1994 Wk Program			Tool/Equip < \$1,000 (5650)
	No.	Cost	N/R	No.	Cost	N/R	No.	Cost	N/R	
*****										
1010 Administration										
Fireproof files	1	750	N N		0					800
Snowsled trailer							1	1,000	N	
Rug/flooring - Tamarack St.										600
Map cases (2)										1,200
1021 Work Group A										
Refrigerator (gas)	1	1,000	R R	1	1,000	R				800
Canoes	4	2,100	R R	4	2,200	R				2,400
Chainsaws	2	1,000	R R	1	500	R				
2WD vehicle	1	11,000	R R		0		1	12,000	R	
4WD vehicle							1	14,000	R	
Snowsled - singltr	1	4,700	R R		0		1	5,000	R	
Woodstoves	1	1,200	R R	1	700	R				
2250 Generator				1	1,000	R				
Radio - TB	1	1,050	R							
C.P. climbing equip										600
C.P./S.B. backback tanks										1,000
R.P table/chairs										700
R.P 24" gas stove										500
S.B. lawn mower										500
S.B./T.B. H2O heater										1,200

Continued on next page ...

## CAPITAL AND MINOR EQUIPMENT - F.Y. 94 (cont.)

Division/Description	1992 Wk Program			1993 Wk Program			1994 Wk Program			Tool/Equip < \$1,000 (5650)
	No.	Cost	N/R	No.	Cost	N/R	No.	Cost	N/R	
*****										
1022 Work Group B										
2WD vehicle				1	13,000	R				
Solar radio sys -	1	2,000	N							
Solar radio sys -	1	2,000	N							
100 watt radios							2	4,830	N	
Snowsled - singl t.	1	4,700	R	1	0	R	1	5,000	R	
Snowsled - double trk				1	7,700	R				
Radio - 40 watts				2	1,600	R				
Chainsaws	2	1,100	R	1	550	R				550
Outboard motors	1	700	N		0					
Refrigerators (gas	2	2,000	R	2	2,000	R				
Woodstoves	1	1,200	R	2	2,250	R	2	2,520	R	
D.C. h2o pump system							1	3,150	N	
Lawnmower										550
Backpack tanks										945
Beds										1,470
Utility box (69 truck)										700
Tool boxes (3)										945
Battery charger										315
C.P./Nes. chairs (8)										840
C.P. table										315
C.P. woodshed										
water pump										420
T.P. outboard moter										735
Canoe outrigger										210
Pump jacks										240
Ladder jacks										315
Cordless drill										265
Weedwacker										345
1023 Maintenance										
Wheel balancer	1	3,500	N							
Truck mounted sander										0
Parts washer										0
Casement for bushhog										0
Bomford brush mower				1	12,000	N				
Portable generator				1	1,000	N				
Planer 15" (69)										0
1027 Public Relations										
Confirmation write	1	5,000	N							
A-V equipment					2,500	R	2	2,000	R	

Continued on next page ...





BAXTER STATE PARK - F.Y. 1994 WORK PROGRAM  
CAPITAL IMPROVEMENTS & BUILDINGS DETAIL - 7101

Division/description	1992 Wk Program	1993 Wk Program	1994 Wk Program
*****			
1010 Administration			
Air conditioning - lobby	3,000		
Replace oil tank	5,000		
1021 Work Group A			
Tr Bk picnic shelter	325		
Matgm landing picnic shelter	325		
South Branch Pond			
GR1 camp - replace windows		1,600	
workshop modification		0	
2 vault toilets		3,000	
McCardy Fld - winterize bunkhouse		2,000	
Chimney Pond			
woodshed	750		
replace 3 toilets	1,500		
replace 2 lean-tos	1,400		
R.P. shingle main camp and other			2000
1022 Work Group B			
Kidney Pond			
ranger camp addition	2,500		
woodshed		2,500	
library			4000
Katahdin Str - 3 vault toilets	4,500		
Neso. - 2 vault toilets		3,000	
Neso. - cellar rebuild			4000
Daicey Pd - 1 vault toilet		1,500	
Concrete vault for fuel tank	3,500		
Togue Pd. bldgs			3000
1023 Maintenance			
Support services -			
replace oil tank	5,000		
1030 SFMA			
Crew camps - finish	1,500	0	
=====			
TOTAL 7101	29,300	13,600	13,000

**G. DIRECTOR'S CONCLUDING REMARKS**



## DIRECTOR'S CONCLUDING REMARKS

From all projections and indications, 1994 appears to be a promising and challenging year. Our agenda for that season will be primarily focused on the protection of our resources, services to our visiting guests and maintenance of our facilities.

There are a number of pending issues that I hope we can wrap up, most specifically settlement of the remaining Togue Pond leases, the renovations of an Information Center at Togue Pond as well as full operation of that facility for information purposes. A co-operative agreement with the Maine High Adventure Scout Base at Matagamon, which is projected to be in full operation for 1994, renovations and repairs to what is frequently referred to as the year-round Ranger's quarters at Nesowadnehunk Field. The foundation of that camp has been deteriorating for a number of years and is at the point where it needs to be replaced or removed.

We look forward to the renovations and utilization of the Administration Camp located on Lower Togue Pond within the lands purchased by the BSP Authority. We also anticipate erecting new entrance signs as well as other appropriate signs relative to this property. The construction of 4 BSP small swinging gates at the entrances to private property at Togue Pond will be a substantial improvement over the chains and cables presently existing. As we are the landowners and have responsibility, it is important that we construct those gates, position and sign so they can be operated effectively and safely. It is important that our SOP manuals will include direction on the operations of those gates so that a purpose of protecting the privacy/security rights of campowners during seasons of heavy traffic, and yet having them swing open during the winter season to avoid snowmobile or skiing accidents will be served.

Early training of seasonal employees returning to work in the 1995 season will be a priority of discussion for 1994. Currently our employees return to the payroll just a few days prior to opening our Park. Consequently the Solo-first aid training, forest fire training, updates of information, safety training and orientation has to be scheduled after our Park opens. This interrupts public services and ties people up at meetings when they should be at duty stations. We will attempt to include in our budget process training calendars and discussion with the Employees' Union, the option of bringing these employees on for the necessary time table, estimate a couple days in mid April so that when they report to work in mid May they can begin our season by hitting the trail on the run.

During 1994, I hope that we can continue our goal of reducing job related accidents. As of this year, we have had 6 different injury reports on file. My goal would be to have an accident-free work place, and we will strive for that.

In 1994, I look forward to continuing our budget tracking process

which has provided us a tool of excellent accountability and, I believe, contributed to the most positive Audit report that we have received in recent years. People are accepting more responsibility for accountability because we, as the Department and Audit, have made it very clear what is expected. They understand what is available for moneys to operate and are extremely conscientious of staying within these boundaries.

TQM - Total Quality Management is a program that will receive more emphasis in the upcoming year. It is promoted by our Governor, supported by our Legislature and mandated by department heads. It is not a new topic to BSP. In a sense, we have practiced it in many respects for several years. However, we can refine our techniques, allow more autonomy, promote team work and continue to assure accountability through its guidelines. TQM does not erode authority or jurisdiction as some have indicated, but rather distributes the workload and creates an atmosphere of participation and involvement.

The biennial budget is due October 1, 1994. Consequently we will focus our attention on programs for the next 2-year period, involving staff to identify the necessary items for operations, hold in-house workshops for discussions, review with Advisory and Authority and submit to the Bureau of Budget by mid September.

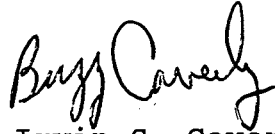
BSP Advisory committees have been extremely active in 1993 and I expect will continue to be in 1994. There are many challenges in operating a park with our mandate and this group of Maine citizens are extremely effective in helping us meet its mandates by meeting in committee and sub-committee work sessions. I anticipate that 1994 will be as busy as 1993 because topics have a way of surfacing without much advance warning. Our responses must be correct, well founded and often require many hours of deliberation via team effort. The Authority and staff appreciate the Advisory Committees' commitment and look forward to continuing working with them in the upcoming year.

Volunteerism will continue to be an active program at BSP and is an essential part of a successful operation. We will put new applications on hold and try to focus more directly on what we need to accomplish within Park operations and gear the volunteer program to those objectives. Our initial response to the services provided by this program have been enthusiastic and, at times, a bit overwhelming. Chief Ranger Chris Drew and Volunteer Coordinator John Howard are commended for their efforts and success. However it is now time to regroup, identify what the needs of the Park are relative to this subject and schedule volunteer participation accordingly.

1994 needs to be a year of continued communication with all of those who are associated with BSP, for it is only through effective communication that the left hand knows what the right hand is doing, and assuring what is being done is in compliance with State/Department rules and regulations and Governor Percival P. Baxter's Deeds of Trust. I am extremely optimistic about 1994

and look forward to its trials and tribulations. The charge and privilege that we, as employees, have to serve this Department is one that is accepted seriously, the challenges are rewarding, the objective is clear and I know I share the views of all employees when I say to all of you, our sincerest thanks for allowing us that opportunity.

Best wishes, happy trails and, above all, THANKS for your support.

A handwritten signature in cursive script that reads "Buzz Caverly". The signature is fluid and stylized, with the first and last names being prominent.

Irvin C. Caverly, Jr., Director  
Baxter State Park  
June 16, 1994



## H. APPENDIX





BAXTER STATE PARK  
AUTHORITY/ADVISORY LISTING  
(Effective 12/93)

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RAY B. OWEN COMMISSIONER INLAND FISHERIES & WILDLIFE		284 State Street Station #41 Augusta, ME 04333	287-3371
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Revised 12/93

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STANDING SUB-COMMITTEES  
MEMBER LISTING  
REVISED 12/93

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Steve Crocket, Chair  
William Cross  
Jim Garland  
Rupert White  
John Howard  
John Bibber

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

Sub-Committee

Investment Committee

Jim Garland, Chair  
Rupert White  
John Bibber

PARK USE COMMITTEE

John Loyd, Chair  
Eric Baxter  
Frank Clukey  
Robert Ohler  
Ben Townsend  
Rick Scribner  
Roy Farnsworth  
Robert Reynolds

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

Sub-Committee

Visitor Information

Edward Dwyer, Chair  
John Loyd  
Robert Reynolds  
Rick Scribner  
Shirley Burke

Transportation Comm.

Rod Hanscom, Chair  
John Loyd  
George Smith  
Frank Clukey  
Shirley Burke  
Chip Getchell

Don Hudson  
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Dave Goodrich  
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Shirley Burke

Regulations Committee  
Ben Townsend

MANAGEMENT PLAN COMMITTEE

Robert Ohler, Chair  
William Cross, Emeritus  
Roy Farnsworth  
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Robert Reynolds  
Jane Thomas  
Shirley Burke  
Dave Goodrich

Update of Management Plan  
Park Boundaries  
Land Acquisition

SCIENTIFIC STUDY REVIEW COMMITTEE

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Dave Field, U of M  
Steve Oliveri, Dept. Conservation  
Woodrow Thompson, M.G.S  
Jane Thomas, Advisory  
Hank Tyler, State Planning  
Dykstra Eusden, Bates College  
George Matula, IF&W  
John Albright, Nature Conservancy  
Don Hudson, Chewonki Foundation  
Richard Dearborn, Maine Forest Service

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.

LIAISON COMMITTEE

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Revised 4/93

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