

A  
FOREST MANAGEMENT PLAN  
for the  
SCIENTIFIC FOREST MANAGEMENT AREA  
of  
BAXTER STATE PARK  
DATA  
and  
REFERENCES



**AUTHORITY MEMBERS**

RICHARD S. COHEN, CHAIRMAN  
ATTORNEY GENERAL

GLENN H. MANUEL  
COMMISSIONER,  
INLAND FISHERIES AND WILDLIFE

KENNETH G. STRATTON  
DIRECTOR,  
BUREAU OF FORESTRY

**INFORMATION**

(207) 723-5140

**PARK HEADQUARTERS**

A. LEE TIBBS, DIRECTOR  
IRVIN C. CAVERLY, JR., SUPERVISOR  
JOHN J. P. MADEIRA, JR., BUSINESS MANAGER  
64 BALSAM DRIVE  
MILLINOCKET, MAINE 04462  
(207) 723-9616

April 15, 1980

Baxter State Park Authority  
64 Balsam Drive  
Millinocket, Maine

Sirs:

Included herewith is a compilation of data and references considered to be of value in the preparation of the Forest Management Plan for the Scientific Forest Management Area of Baxter State Park. Due to the volume, this was not included with the narrative portion of the plan.

This should be considered as the basis, in part, of the management plan.

Sincerely,

A handwritten signature in cursive script, appearing to read "George M. Ruopp".

George M. Ruopp  
Forester  
Baxter State Park

GMR/bws

QUIT-CLAIM DEED

80

Eastern Corporation to Bangor Hydro-Electric Com.

\$5.50 G.P.P. 1/5/54

Know All Men by These Presents, that EASTERN CORPORATION, a Maine corporation having its principal place of business in Bangor, County of Penobscot, State of Maine, in consideration of the sum of One Dollar and other valuable considerations paid by BANGOR HYDRO-ELECTRIC COMPANY, a Maine corporation having its principal place of business in said Bangor, the receipt whereof is hereby acknowledged, does hereby remise, release, sell and forever quit-claim unto the said Bangor Hydro-Electric Company, its successors and assigns forever, for water storage and/or power purposes, without prejudice, however, to log-driving purposes, all its right, title and interest in and to the following described premises situate in TOWNSHIP 6, Range 9, and TOWNSHIP 6, RANGE 10, WELLS, PISCATAQUIS COUNTY, State of Maine, viz:

So much land situate within the drainage area of Webster Brook, so called, running from Webster Lake in Township 6, Range 10, to Second Lake in Township 6, Range 9, WELLS, as may in the exclusive judgment of the grantee, its successors and assigns, be found necessary for the erection and operation on said Webster Brook of a dam or dams, with any dike or dikes and power house or houses, together with other appurtenant structures and works, and as shall be found necessary for access to any and all such dam or dams, dike or dikes, and power house or houses and other appurtenant structures and works.

And the grantor herein, for itself, its successors and assigns, covenants and agrees to execute and deliver to the grantee, its successors and assigns, such other and further instruments as may reasonably be required to convey to the grantee, its successors and assigns, the title of the grantor, its successors and assigns, in the sites so selected so as to furnish the grantee with a metes and bounds description of the premises so found to be necessary for such purposes. This covenant is to run with the land, but it is expressly understood and agreed that neither the grantor herein nor any purchaser under the grantor whose interest in the land is hereafter sold shall thereafter be liable for any violation of this covenant by any purchaser holding by, through or under the grantor.

There is also hereby conveyed the right to flow any of its lands situate in said TOWNSHIP 6, RANGE 9 and in said TOWNSHIP 6, RANGE 10, by means of any dam or dams so erected on said Webster Brook upon payment of damages for such flowage, the same to be determined as though the right to flow had not been granted. Said damages to be agreed upon by mutual agreement and, for want of agreement, as may be determined by a board of arbitration consisting of three, one to be selected by the party flowing the land, one by the then owners of the land flowed, and the third to be selected by the two arbiters so chosen, the decision of the board to be final, binding and conclusive upon all parties.

TO HAVE AND TO HOLD the above described premises, with all the privileges and appurtenances thereof, to the said Bangor Hydro-Electric Company, its successors and assigns, forever, so that neither the said Eastern Corporation nor its successors, or any other person or persons claiming from or under it or them, or in the name, right or stead of it or them, shall or will, by any way or means, have, claim or demand any right or title to the aforesaid premises, or

their appurtenances, or to any part or parcel thereof, forever.

81 Vol. 804

IN WITNESS WHEREOF, the said Eastern Corporation has caused its corporate name and seal to be hereunto affixed by Harold Holden, its President thereunto duly authorized, this 4th day of January in the year of our Lord one thousand nine hundred and fifty-four.

Signed, sealed and delivered in the presence of: EASTERN CORPORATION By Harold Holden President

Penobscot, ss STATE OF MAINE January 5, 1954. Personally appeared the above named Harold Holden, in his capacity as President of Eastern Corporation, and acknowledged the foregoing instrument to be his free act and deed and the free act and deed of said Eastern Corporation.

Before me, George F. Peabody Notary Public

PISCATAQUIS, ss Received January 7, 1954 at 10 h. 40 m. A. M.

VOL. 315  
Pg. 210

- Whitney L. Wheeler By E. J. Curran Group Supervisor  
Piscataquis, ss Received April 30, 1955 at 10h 30m A.M.

QUIT CLAIM DEED

Eastern Corporation  
to  
Baxter

8143.00  
4/21/55  
R.V.

KNOW ALL MEN BY THESE PRESENTS, that EASTERN CORPORATION, a Maine corporation having its principal place of business in Bangor, County of Penobscot, State of Maine, in consideration of the sum of One Dollar and other valuable considerations paid by PERCIVAL PROCTOR BAXTER, of Portland, County of Cumberland, State of Maine, the receipt whereof is hereby acknowledged, do hereby remise, release, sell and forever quit-claim unto the said Percival Proctor Baxter, his heirs and assigns, forever, all its right, title and interest in and to the following described property, together with the buildings thereon, to wit:

Township No. 6, Range 10, West from the East Line of the State, in the County of Piscataquis, in said State of Maine; also the right to cut and carry away the timber and grass from the public Lot in said Township comprising 1,000 acres, more or less. Being the same premises conveyed to the grantor herein (or its predecessors) by the following deeds: Deed of Leslie E. ... tiss et als dated June 27, 1944, recorded in Piscataquis Registry of Deeds, Volume 275, page 175, having to do with the timber and grass; deed of Fraeland Jones dated July 1, 1920, recorded in said Registry, Volume 200, page 81, conveying a 3/8 interest in the premises; deed of ... Ayer, dated December 30, 1911, recorded in said Registry, Volume 176, page 241, conveying a ... interest in the premises; and deed of the Bangor Timberland Company dated December 30, 1911, recorded in said Registry, Volume 176, page 246, conveying a 1/4 interest in the premises.

EXCEPTING AND RESERVING so much of said premises as was conveyed to the Bangor Hydro-Electric Company by deed of the grantor herein dated January 4, 1954, whereby the grantor conveyed so much land situate within the drainage area of Webster Brook, so called, running from Webster Lake in Township 6, Range 10, to Second Lake in Township 6, Range 9, as may in the exclusive judgment of the Bangor Hydro-Electric Company, its successors and assigns, be found necessary for the erection and operation on said Webster Brook for storage purposes and for power purposes, without prejudice however to log-driving purposes, of a dam or dams, with any dikes or dikes, powerhouse or houses, together with other appurtenant structures and works, and the access to any and all such dam or dams, dike or dikes, power house or houses, and other appurtenant structures and works. This conveyance is further made expressly subject to the duty of the Grantee to convey to the Bangor Hydro-Electric Company, its successors and assigns, by a metes and bounds description from the land included in this conveyance, the Grantee's interest in the sites selected for such purposes, all as set forth in said deed. This conveyance is FURTHER SUBJECT to the right to flow said premises, upon payment of damages for such flooding (the same to be determined as there provided), all as set forth in said deed to the Bangor Hydro-Electric Company.

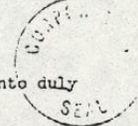
This conveyance is made FURTHER SUBJECT to the rights conveyed to the Bangor Hydro-Electric Company, its successors and assigns, by deed of the grantor herein dated April 20, 1955, whereby it conveyed among other things rights of way in common with others along the Webster Lake Tote Road, so called, and along the Webster Lake Truck Road, so called, together with the right to construct, maintain and operate telephone lines along said Roads, all as set forth in said deed.

- FURTHER EXCEPTING AND RESERVING to Eastern Corporation, its successors and assigns
- (a) A right of way in common with others for all purposes of a way extending from the "Old Indian Carry Tote Road" so called, where it intersects the easterly line of said Township 6, Range 10, to and along the "Webster Brook Tote Road" so called, to the westerly line of said Township 6, Range 10. Said Webster Brook Tote Road extends along the generally southerly side of Webster Brook and Webster Lake in said Township.
  - (b) A right of way in common with others for all purposes of a way over the "Webster Lake Truck Road" so called which runs easterly and southerly from said "Webster Brook Tote Road" to the southerly line of said Township 6, Range 10 at a point where such truck road leaves Township 6, Range 10, approximately 1 1/2 miles west of the southeast corner thereof; also a right of way in common with others for all purposes of a way along the "Chamberlain Farm Road" so called from its point of intersection with the "Webster Brook Tote Road" to the westerly line of said Township.
  - (c) The right and easement to use wood and other materials on the granted premises so far as may be reasonably necessary in connection with the constructing and maintaining of said rights of way across the granted premises, without obligation to do so, however, and provided reasonable regard is had for maintaining the natural appearance of the surface of the granted premises, which is generally designed as a public park.
  - (d) The right and privilege of constructing and maintaining, free of obstruction, telephone lines, so called, across said premises and along the above described rights of way so as to serve any and all operations of the grantor, its successors and assigns, together with the right and easement to cut wood on the granted premises so far as may be reasonably necessary in connection with the construction and maintenance of any such telephone lines.
  - (e) The right to moor boats and store on the premises boats and any and all other machinery and equipment which may be or become necessary or desirable in connection with any log-driving activities, so called, which may at any time be involved by Eastern Corporation, its successors and assigns, the right to engage in such activities on the premises being further reserved.

TO HAVE AND TO HOLD the above described premises, with all the privileges and appurtenances thereof, to the said Percival Proctor Baxter, his heirs and assigns, forever; so that neither the said Eastern Corporation, nor its successors, or any other person or persons claiming under it or them, or in the name, right or stead of it or them, shall or will, by any means, have, claim, or demand any right or title to the aforesaid premises, or their appurtenances, or to any part or parcel thereof, forever.

IN WITNESS WHEREOF, the said Eastern Corporation has caused its corporate name and seal to be hereunto affixed by Harold Holden, its President thereunto duly authorized, this 21st day of April in the year of our Lord one thousand nine hundred and fifty-five.

Signed, sealed and delivered in the presence of: Robinson Verrill EASTERN CORPORATION By Harold Holden Its President thereunto duly authorized



STATE OF MAINE Cumberland, SS. April 21st, 1955. Personally appeared the abovenamed Harold Holden in his capacity as aforesaid and acknowledged the foregoing instrument to be his free act and deed and the free act and deed of said Eastern Corporation. Before me, Robinson Verrill Justice of the Peace.

Certified Copy of Vote of the Directors of Eastern Corporation

VOTED: That the action of Harold Holden, President, in executing and delivering to Percival P. Baxter a deed of Township 6, Range 10 west from the east line of the state in the County of Piscataquis in the State of Maine, dated April 21, 1955, be and the same is hereby ratified, confirmed and approved.

I, Robinson Verrill, duly elected Clerk of Eastern Corporation, a Maine corporation, hereby certify that the foregoing is a true and complete copy of a vote passed at a meeting of the Board of Directors of said corporation, duly called and held on April 28, 1955, at which a quorum of the Board of Directors was present.

WITNESS my hand and the seal of the corporation this 29th day of April, 1955. Robinson Verrill Clerk

Piscataquis, ss Received May 2, 1955 at 10h 45m A.M.

EASEMENT

KNOW ALL MEN BY THESE PRESENTS, That EASTERN CORPORATION, a Maine corporation having its principal place of business in Bangor, County of Penobscot, State of Maine, in consideration of the sum of One (\$1.) dollar and other valuable considerations paid by BANGOR HYDRO-ELECTRIC COMPANY, a Maine Corporation having its principal place of business in said Bangor, the receipt whereof is hereby acknowledged, does hereby give, grant, bargain, sell and convey unto said Bangor Hydro-Electric Company, its successors and assigns forever, the following described rights, privileges and easements, viz:

Eastern Corporation to Bangor Hydro Electric Co.

The right, in common with the grantor herein and others, to pass and repass at all times, by any means and for all purposes, over and along such portions of the Webster Brook Tote Road so-called, and the Webster Lake Truck Road so-called, as lie within Township 6, Range 10 in Piscataquis County, State of Maine, together with the right at any time to construct, maintain and operate lines of wires on or along the aforesaid portions of said Roads for communication by telephone. Provided however, that said lines shall be constructed in such manner as not to unreasonably interfere with the use of the aforesaid portions of said Roads for the passage of traffic thereon and thereby. Such portions, if any, of said lines as are located beyond the limits of said Roads shall be placed as close thereto as is practical for the type of construction concerned.

FURTHER GRANTING to said Bangor Hydro-Electric Company, its successors and assigns forever, the right to enter upon the aforesaid portions of said Roads and the land contiguous thereto, at any time for any of the aforesaid purposes or for the purpose of removing said lines and for the purpose of keeping said lines cleared of interfering trees, branches, underbrush and other obstructions.

It is expressly understood and agreed that if, in the exercise of the easements herein granted, any damage is done by the agents or employees of the grantee herein to the property of the grantor herein, said grantee, its successors and assigns, shall pay reasonable compensation therefor to the said grantor, its successors and assigns; that the rights, easements and privileges herein granted may be assigned in whole or in part by said Bangor Hydro-Electric Company, its successors and assigns.

IN WITNESS WHEREOF, the said Eastern Corporation has caused its corporate name and seal to be hereunto affixed by Harold Holden, its President, thereunto duly authorized, this 20th day of April, A.D. 1955.

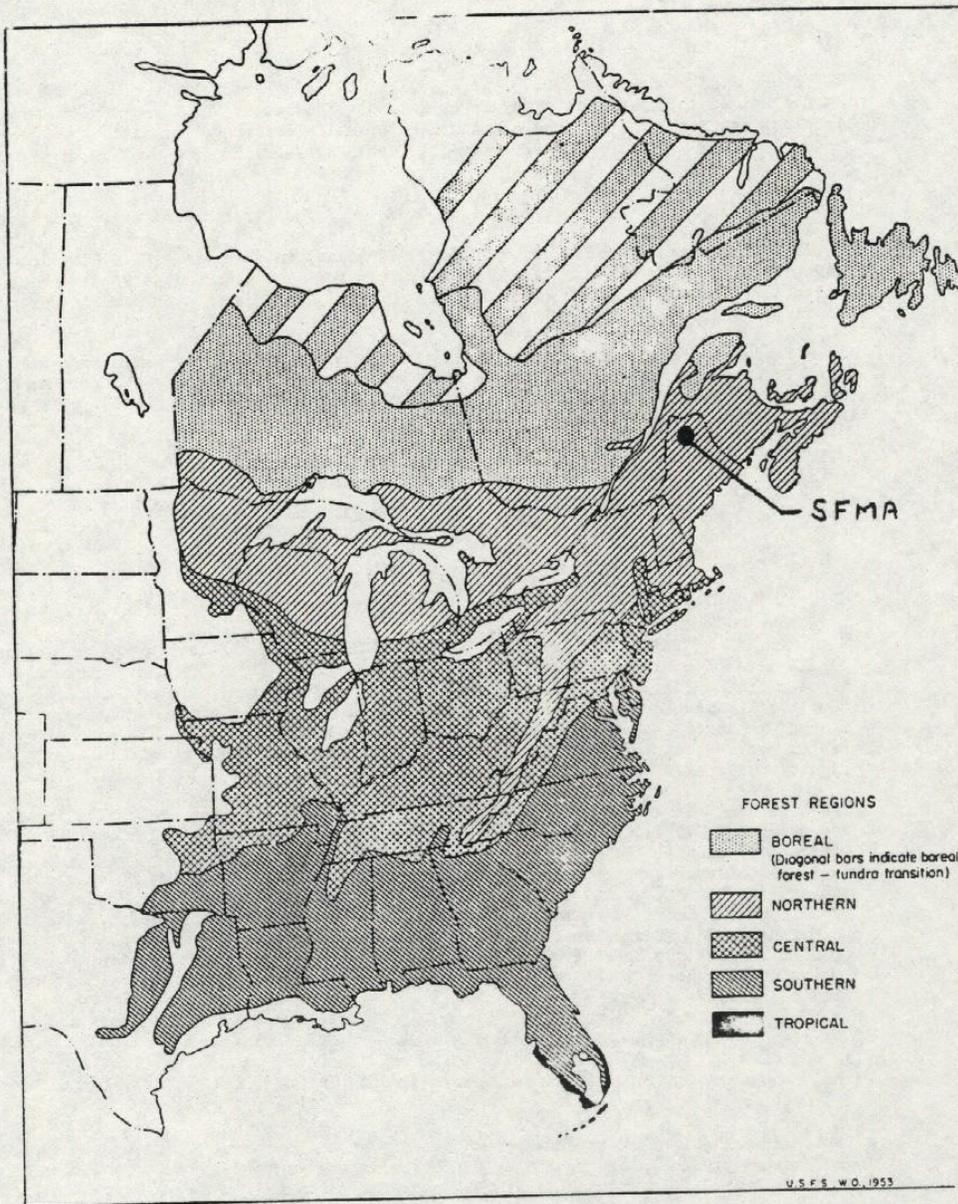
Signed, sealed and delivered in the presence of: Robinson Verrill EASTERN CORPORATION By Harold Holden President

STATE OF MAINE Cumberland, SS. April 20th, 1955. Personally appeared the abovenamed Harold Holden, in his capacity as President of Eastern Corporation, and acknowledged the foregoing instrument to be his free act and deed and the free act and deed of said Eastern Corporation. Before me, Robinson Verrill Justice of the Peace.

Piscataquis, ss Received May 2, 1955 at 1h 45m P. M.

Figure 4:

FOREST COVER TYPES OF NORTH AMERICA

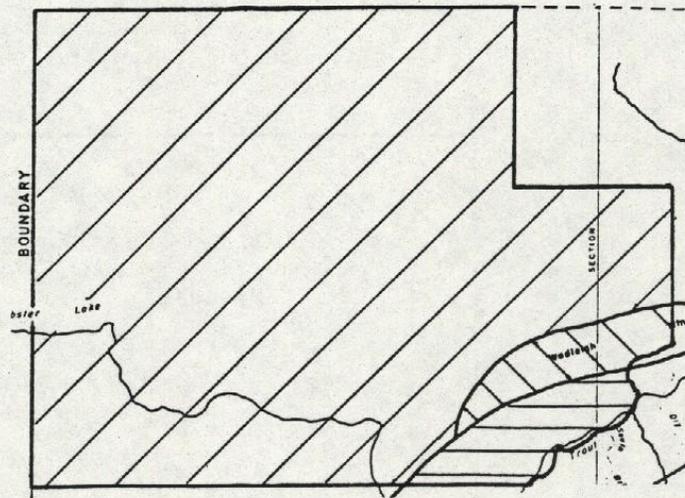


Forest regions of eastern North America<sup>1</sup>

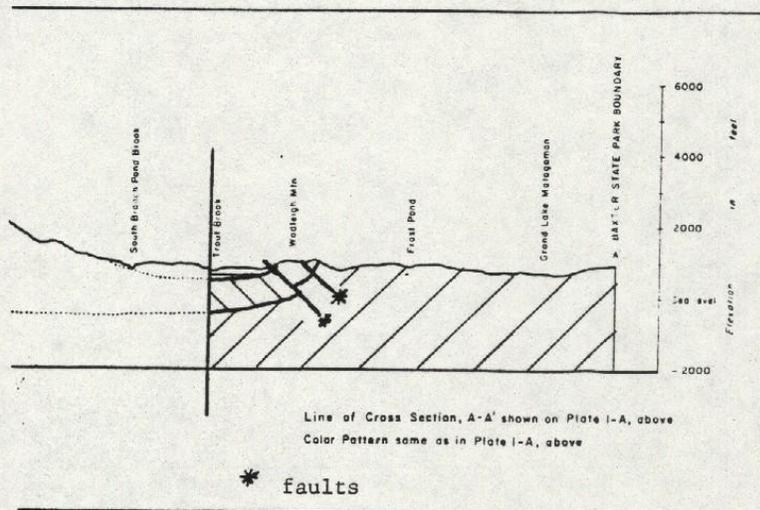
<sup>1</sup>Adapted from map, "Areas Characterized by Major Forest Types in the United States," 1949, issued by the Forest Service, U. S. Dept. Agric., and one by W. E. D. Halliday published in *A Forest Classification for Canada*, Canada Department of Resources and Development, Forest Research Bull. No. 89, 1937. The western boundary is formed by the prairie in the United States and by the Ontario-Manitoba line in Canada, which closely approximates the division between the eastern and western sections of the Boreal Forest.

Figure 2:

Distribution of Bedrock Geology



Geologic Cross Section (Bedrock)



OLDER DEVONIAN; sandstone & slate, shale and siltstone

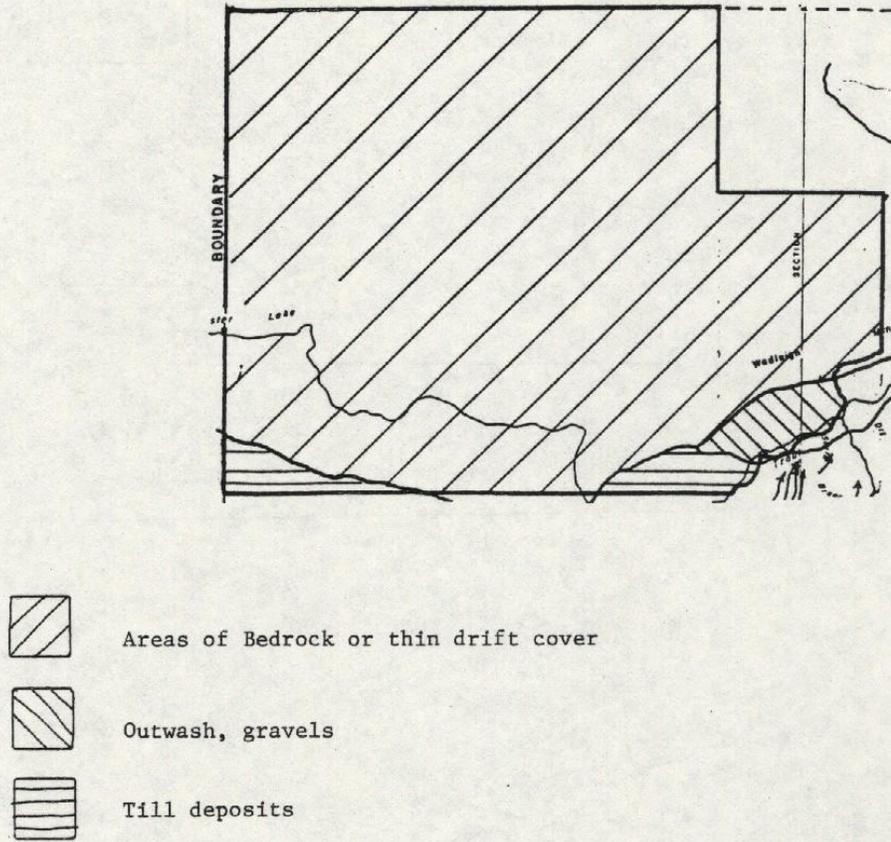
TRAVELER RHYOLITE; gray-green volcanics, lava flows and ash beds

YOUNGER DEVONIAN; sandstone and shales, chlorite and iron formation

From *The Geology of Baxter State Park and Mt. Katahdin*, Dahney W. Caldwell, Maine Geological Survey, Dept. of Forestry Bulletin 12, 1972. Rev. Ed.)

Figure 3:

Distribution of Surficial Geology



(From The Geology of Baxter State Park and Mt. Katahdin, Dabney W. Caldwell, Maine Geological Survey, Dept. of Forestry Bulletin 12, 1972. Rev. Ed.)

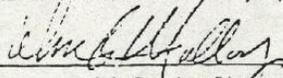
MAINE DEPARTMENT OF LABOR AFFAIRS  
Employment Security Commission

PREVAILING WAGE AND PIECE RATES FOR THE PULPWOOD AND LOGGING INDUSTRY

The following rates will become effective May 1, 1979 in the State of Maine for occupations in the pulpwood and logging industry. These rates are effective from May 1, 1979 through April 30, 1980.

May 7, 1979

(Date)

  
Job Service Director

| <u>PULPWOOD - TREE LENGTH</u>  | <u>RATE</u>                           |
|--|---------------------------------------|
| (01) Softwood - Fell, Limb, Top, Skid and Bunch                        | \$ 8.20 cord                          |
| (33) Softwood - Fell, Skid and Bunch                                   | 6.51 cord                             |
| (34) Softwood - Fell, Limb, Top, Skid and Bunch                        | 19.75 MBF                             |
| (02) Hardwood - Fell, Limb, Top, Skid and Bunch                        | 7.00 cord                             |
| (03) All Species - Fell, Limb, Top, Skid, Sort and Bunch               | 8.20 cord                             |
| (05) Right of Way Tree Length  | 9.98 cord                             |
| <u>PULPWOOD - FOUR FOOT</u>  |                                       |
| (06) Softwood - Fell, Limb, Top, Skid Tree Length, Buck Not Pile       | 9.00 cord                             |
| (07) Softwood - Fell, Limb, Top, Skid Tree Length, Buck and Pile       | 10.50 cord                            |
| (08) Softwood - Fell, Limb, Top, Skid Tree Length, Buck and Hand Bunch | 9.00 cord                             |
| (12) Hardwood - Fell, Limb, Top, Skid Tree Length, Buck and Not Pile   | 7.75 cord                             |
| (15) All Species - Fell, Limb, Top, Skid Tree Length, Buck, Not Pile   | 10.00 cord                            |
| <u>PULPWOOD - EIGHT FOOT</u>   |                                       |
| (28) Hardwood - Fell, Limb, Top, Skid Tree Length, Buck and Bunch      | 15.50 cord <sup>(1/2 cord unit)</sup> |
| (29) All Species - Fell, Limb, Top, Skid Tree Length, Buck and Bunch   | 8.00 cord                             |
| <u>SAWLOGS</u>   |                                       |
| (18) Softwood - Fell, Limb, Top, Skid Tree Length, Buck and Bunch      | 19.00 MBF                             |
| (19) Softwood - Fell, Limb, Top, Skid Tree Length and Buck             | 21.00 MBF                             |
| (21) Hardwood - Fell, Limb, Top, Skid Tree Length, Buck and Bunch      | 19.50 MBF                             |
| (22) Hardwood - Fell, Limb, Top, Skid Tree Length and Buck             | 19.00 MBF                             |
| (24) All Species - Fell, Limb, Top, Skid Tree Length, Buck and Bunch   | 21.40 MBF                             |
| (25) All Species - Fell, Limb, Top, Skid Tree Length and Buck          | 19.50 MBF                             |
| <u>PULPWOOD - FOUR FOOT</u>  |                                       |
| * (13) Hardwood - Fell, Limb, Top, Skid Tree Length, Buck and Pile     | 8.50 cord                             |

\* This rate is under review by the Department of Labor

| ALL OTHER CLASSIFICATIONS                           |             | ALL OTHER CLASSIFICATIONS                  |             |
|---|-------------|--|-------------|
| CLASSIFICATION                                      | HOURLY RATE | CLASSIFICATION                             | HOURLY RATE |
| (40) Logging Tractor Operator<br>(Skidder)          | \$ 5.47     | (66) Log Truck Driver, Trailer             | 5.2         |
| (41) Bookkeeper                                     | 3.72        | (75) Log Truck Driver, Trailer<br>Weekly   | 215.0       |
| (42) Bulldozer Operator I                           | 6.00        | (79) Log Truck Driver, Trailer<br>Daily    | 50.0        |
| (43) Administrative Clerk (Camp)                    | 4.35        | (68) Logging Equipment Mechanic            | 6.0         |
| (44) Cook   | 4.70        | (67) Utility Man (through D4)              | 5.1         |
| (46) Bull Cook (Camp Attendant)                     | 3.85        | (70) Bucker                                | 4.0         |
| (47) Cookee (Kitchen Helper)                        | 3.50        | (71) Watchman (Camp Guard)                 | 3.5         |
| (48) Shovel Loader Operator<br>(Crane or Hydraulic) | 6.23        | (73) Skid - Grapple Operator               | 6.3         |
| (49) Foreman (Logging Supervisor)                   | 5.00        | (74) Dump Truck Driver                     | 4.0         |
| (50) Foreman (Logging Supervisor)<br>Weekly         | 250.00*     | (77) Forest Technician                     | 4.5         |
| (52) Motor - Grader Operator                        | 5.47        | (78) Gravel Truck Driver                   | 5.2         |
| (60) Laborer (Construction<br>Worker)               | 4.76        | (65) Truck Driver, Self-Loading<br>Flatbed | 4.0         |
| (61) Log Scaler                                     | 5.93        | (64) Truck Driver, Flatbed                 | 4.5         |
|   |             | (62) Laborer, Brush Clearing (Swamper)     | 4.7         |

Workers in hourly paid cutting occupations, as well as those in piece rate cutting occupations for which rate findings have not been made, must receive average hourly earnings per payroll period of not less than \$7.80, the average for all cutting occupations in the survey.

An example of hourly paid occupations is: Hand Feller, Pulpwood Cut-by-the-Hour.

This \$7.80 rate does not apply to workers cutting in occupations where a rate finding has been made. In that case, the employer need only concern himself with the cord or MBF rate.

Tools and equipment necessary for the job are to be furnished by the employer or an allowance paid for the use of a power chain saw and/or skidder and used by the worker at:

|                        | SKIDDER          | CHAIN SAW       |
|------------------------|------------------|-----------------|
| PULPWOOD - TREE LENGTH | \$ 6.35 per cord | \$1.05 per cord |
| PULPWOOD - FOUR FOOT   | \$ 8.00 per cord | \$1.65 per cord |
| SAWLOGS -              | \$13.20 per MBF  | \$2.20 per MBF  |

Me. ES-136 (rev. 5/11/79)

RECEIVED  
DEC 2 1979  
MILLINOCKET, MAINE

## SOILS

The soils of the Scientific Forest Management Area were inventoried by the Soil Conservation Service, U.S.D.A., in 1977, in conjunction with the unorganized towns soil survey. Fourteen major soil associations were identified and mapped. An evaluation of these by the S.C.S. follows. Each was then rated good, medium or poor for tree growth. By this system, 32% of the area (9,345 acres) is good land (possible site index of 50 or better); 48% (14,118 acres) is rated medium (having a site index of 40-50); and the remaining 18% (5,401 acres, primarily bogs and poorly drained areas) is rated as having a site index of less than 40.

Table: 1 SOILS ASSOCIATIONS BY AREA AND POTENTIAL

| Mapping Unit | No. of Sites | Total Area Acres | % Total Area | Productive Potential |
|--------------|--------------|------------------|--------------|----------------------|
| Water        | 7            | 673              | 2.28         |                      |
| OA           | 18           | 1043             | 3.53         | Poor                 |
| 18B          | 1            | 31               | 0.10         | Good                 |
| 76B          | 22           | 8672             | 29.36        | Medium               |
| 76C          | 6            | 328              | 1.11         | Good                 |
| 76D          | 3            | 162              | 0.55         | Good                 |
| 77C          | 18           | 1381             | 4.68         | Good                 |
| 78B          | 17           | 7443             | 25.19        | Good                 |
| 79B          | 26           | 4331             | 14.66        | Poor                 |
| 89C          | 22           | 1146             | 3.89         | Medium               |
| 89D          | 6            | 381              | 1.29         | Medium               |
| 94B          | 10           | 1559             | 5.28         | Medium               |
| 94C          | 15           | 1415             | 4.79         | Medium               |
| 94E          | 12           | 945              | 3.20         | Medium               |
| 100          | <u>1</u>     | <u>27</u>        | <u>0.09</u>  | Poor                 |
| Total        | 184          | 29537            | 100.0        |                      |

WATERSHEDS

The important watersheds within the Scientific Forest Management Area have been previously discussed in the Introduction. The accompanying table gives the area drained by each watershed.

The waters of the SFMA are generally the color of weak tea, characteristic of shallow ponds surrounded and fed by bogs. The results of Maine Department of Inland Fisheries and Wildlife surveys of Frost Pond, Hudson Pond, and Webster Lake are included in this text.

Other than the south side of Wadleigh Mountain, there are no significant critically steep slopes within the SFMA; the area can generally be described as rolling.

Table: 2                      WATERSHEDS BY AREA

| <u>WATERSHED</u>           |        | <u>AREA (ACRES)</u> |
|----------------------------|--------|---------------------|
| Boody Brook                |        | 1114                |
| Braley Brook, North Branch |        | 142                 |
| Braley Brook, South Branch |        | 2752                |
| Frost Pond                 |        | 2695                |
| Hinckley Brook             |        | 1780                |
| Kennedy Bog                |        | 258                 |
| Wadleigh Bog               |        | 4824                |
| Wadleigh Mountain          |        | 1246                |
| Webster Lake & Stream      | (7692) | 14,726              |
| Hudson Pond                | (2255) |                     |
| Murphy Brook               | (2702) |                     |
| Thissell Brook             | (2077) |                     |
|                            | Total  | <u>29,537</u>       |

SFMA Drainage System by Length of Streams in Miles

|                                       |                  |
|---------------------------------------|------------------|
| Murphy Brook                          | 0.9 Miles        |
| North Branch                          | 2.3 Miles        |
| South Branch                          | <u>2.1 Miles</u> |
| Total                                 | 5.3 Miles        |
| South Branch Brayley Brook            | 2.9 Miles        |
| Wadleigh Brook                        | 7.5 Miles        |
| Blunder Pond Branch                   | 1.0 Miles        |
| Lost Pond Branch                      | 2.0 Miles        |
| Branch South of Lost Pond Branch      | 0.9 Miles        |
| West Branch                           | 1.7 Miles        |
| South West Branch                     | <u>1.7 Miles</u> |
| Total                                 | 14.8 Miles       |
| Brook South Side of Wadleigh Mountain | 1.9 Miles        |
| Inlet to Frost Pond                   | .3 Miles         |
| Webster Stream                        | 7.0 Miles        |
| T6 R10 - North Central Brook          | 1.3 Miles        |
| T6 R10 - Northeast Brook              | <u>0.7 Miles</u> |
| Total                                 | 9.0 Miles        |
| Hudson Brook                          | 1.5 Miles        |
| Hinckley Brook                        | 0.6 Miles        |
| North Branch                          | 0.8 Miles        |
| South Branch                          | <u>0.5 Miles</u> |
| Total                                 | 1.9 Miles        |
| Boody Brook                           | 1.3 Miles        |
| North Branch                          | 1.4 Miles        |
| East Branch                           | 1.8 Miles        |

SFMA Drainage System by Length of Streams in Miles (Continued)

|                |                  |
|----------------|------------------|
| Boody Brook    | 1.3 Miles        |
| North Branch   | 1.4 Miles        |
| South Branch   | 1.8 Miles        |
| East Branch    | <u>0.7 Miles</u> |
| Total          | 5.2 Miles        |
| Trout Brook    | 2.2 Miles        |
| Thissell Brook | 1.6 Miles        |
| East Branch    | 1.0 Miles        |
| West Branch    | <u>1.4 Miles</u> |
| Total          | 4.0 Miles        |
| Grand Total    | 49.0 Miles       |

FROST POND  
T6 R9, Penobscot Co.  
U.S.G.S. Traveler Mtn., Me.

*Fishes*

|                          |                  |
|--------------------------|------------------|
| Brook trout (squaretail) | Minnows (cont'd) |
| Minnows                  | Creek chub       |
| Blacknose dace           | Pearl dace       |

*Physical Characteristics*

|                         |                 |
|-------------------------|-----------------|
| Area - 37 acres         | Temperatures    |
| Maximum depth - 32 feet | Surface - 68°F. |
|                         | 30 feet - 42°F. |

*Principal Fishery: Brook trout*

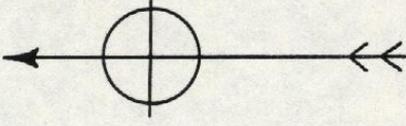
Frost Pond is an attractive, remote, fly-in pond located within Baxter Park. A grove of very large pine on the point and large softwoods around the shore add to the "untouched" beauty of the area. Water quality appears suitable for coldwater gamefish although none were taken during the survey. An oxygen deficiency exists below 10 feet but water is sufficiently cool to support trout during the critical summer period.

There are no tributaries to Frost Pond. A series of beaver dams at the outlet restrict trout movement to fair spawning and nursery areas in the outlet stream.

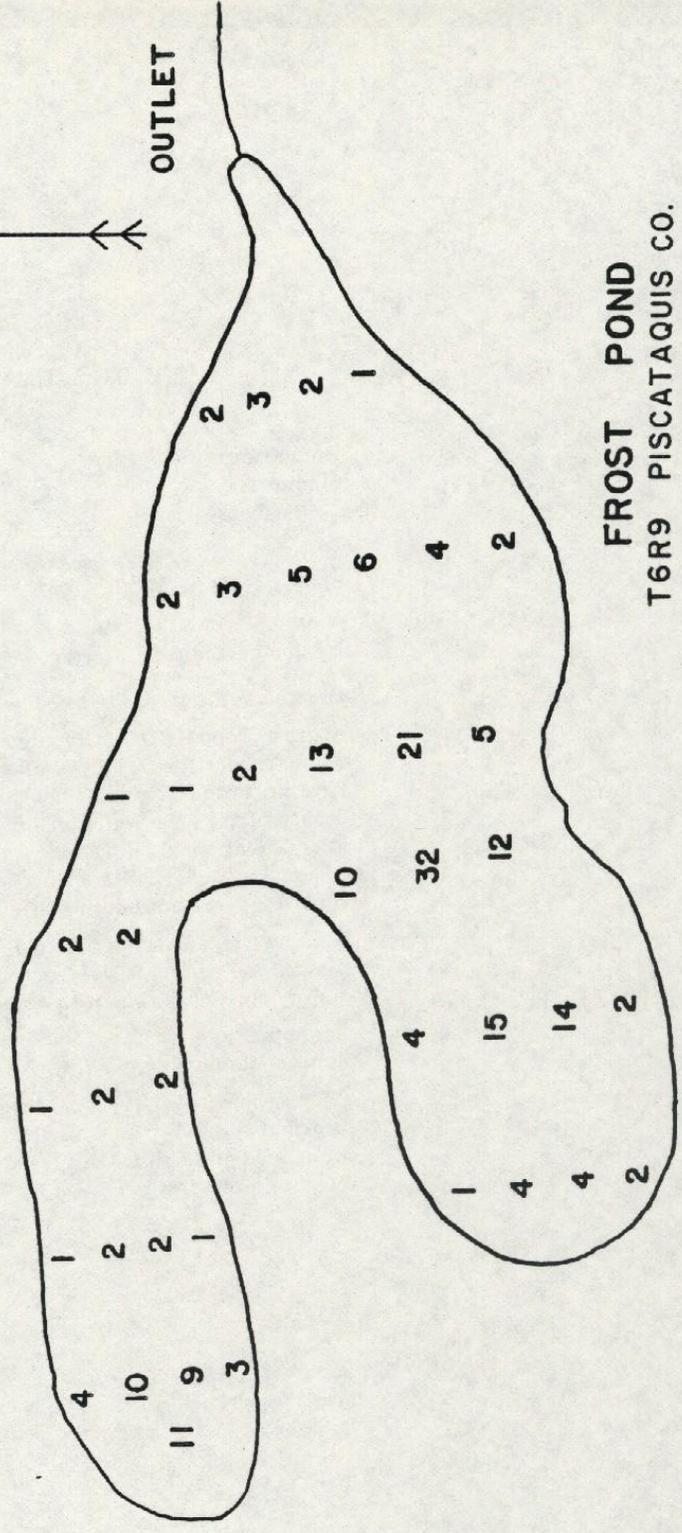
Competition for food and habitat is light with only small numbers of minnows present.

Management will be for brook trout. Experimental trout stocking was initiated in the fall of 1970. Baxter Park regulations of "5 Fish Daily" and "No Live Fish as Bait" are in effect on Frost Pond.

Surveyed - August, 1970  
Maine Department of Inland Fisheries and Game  
Published under Appropriation No. 4223



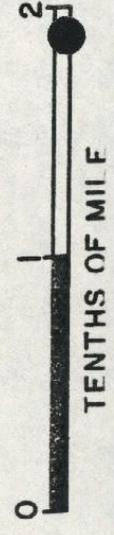
OUTLET



FROST POND  
T6R9 PISCATAQUIS CO.

MAINE

AREA 37 ACRES



HUDSON POND  
T6 R10 WELS, Piscataquis Co.  
U.S.G.S. Telos Lake and Traveler Mt., Me.

Fishes

Brook trout (squaretail)  
White sucker

Minnows  
Creek chub  
Redbelly dace  
Finescale chub  
Golden shiner  
Brown bullhead (hornpout)

Physical Characteristics

Area - 128 acres

Maximum depth - 10 feet

Principal Fishery: Brook trout

Temperatures

Surface - 69°F.

10 feet - 65°F.

Hudson Pond is located among the low spruce and fir-covered hills in the northern part of Baxter State Park. Most of the shoreline is shallow and mud-covered, but the east end is sandy and there are some rocky areas. A series of ledges form islands in the pond and part of the shoreline on the north side. Spruce and fir grow to the edge of the pond except for a marsh grass and alder bog area around the outlet.

The native trout population in the pond is self-sustaining and slow growing. Water temperatures reach the upper limits for trout survival during the summer months. Small springs located around the pond provide refuge for trout during summer and also as spawning areas. The outlet flows through a bog for about one mile below the pond.

Stocking is not recommended because of marginal water quality, slow growth and adequate natural reproduction to withstand current light fishing pressure.

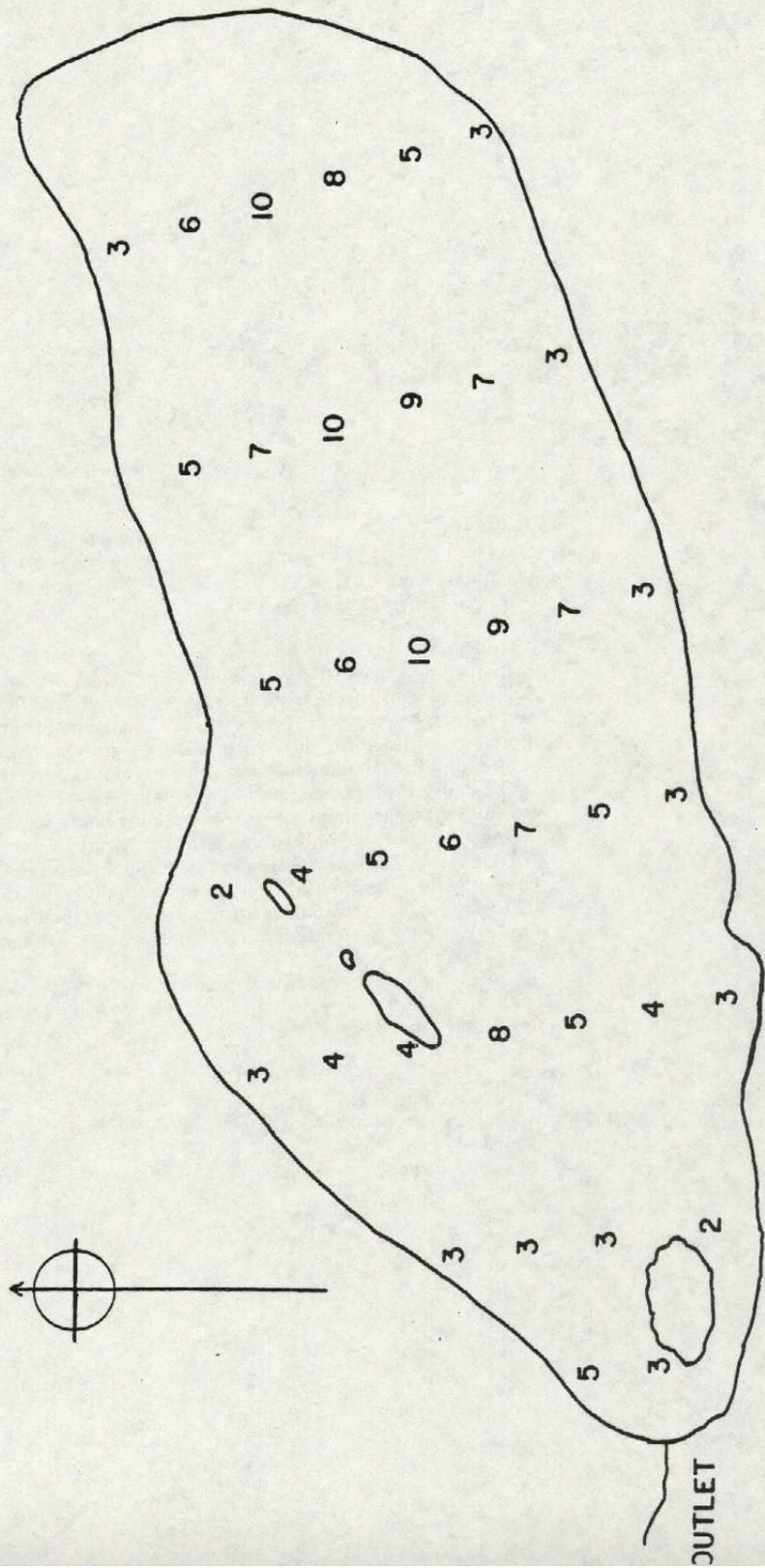
Hudson Pond is in a remote area and access to the pond is quite difficult. The pond is about two miles from Webster Lake and about seven miles from Trout Brook Farm.

Surveyed - August, 1977

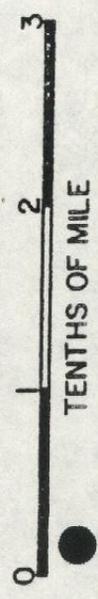
Maine Department of Inland Fisheries and Wildlife

Published under Appropriation No. 4550

A Contribution of Dingell-Johnson Federal Aid Project F-28-P,  
Maine



HUDSON POND  
T6R10 WELS, PISCATAQUIS CO., ME.  
AREA 128 ACRES



WEBSTER LAKE  
T6 R10, T6 R11, Piscataquis Co.  
U. S. G. S. Telos Lake, Me.

Fishes

|                          |                 |
|--------------------------|-----------------|
| Brook trout (squaretail) | White sucker    |
| Lake trout (togue)       | Cusk            |
| Lake whitefish           | Minnows         |
| Round whitefish          | Fallfish (chub) |
| Longnose sucker          | Common shiner   |
|                          | Blacknose dace  |

Physical Characteristics

Area - 531 acres

Maximum depth - 44 feet

Temperatures

Surface - 70° F.

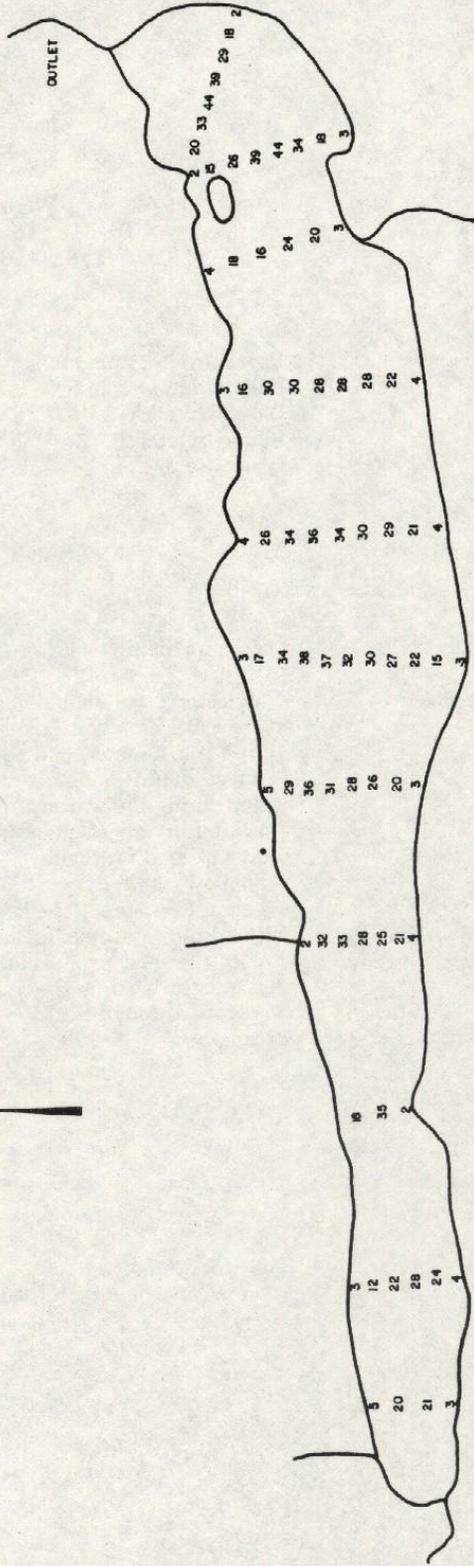
44 feet - 45° F.

Webster Lake should be managed for its brook trout and togue fisheries. This lake stratifies into warm and cold layers during the summer, and the dissolved oxygen content is high at most depths. Brook trout and togue thrive in the cold water during the warm summer months.

Whitefish are abundant in the lake and provide a good source of food for togue.

Shallow, rocky shoals along the shore provide good spawning areas for togue. The inlet and outlet have abundant spawning and nursery areas for brook trout. Drastic fluctuations in flow of the inlet from Telos Dam may hinder trout reproduction and survival of the young. Sufficient water flow should be passed through the dam to cover at least two-thirds of the stream bed.

Surveyed - August, 1960  
Maine Department of Inland Fisheries and Game



# WEBSTER LAKE

T6R10 and T6R11, PISCATAQUIS CO., MAINE

AREA 531 ACRES

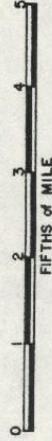


Table: 3

SAMPLE PAGE FROM 1979  
BSP VISITOR QUESTIONNAIRE WITH  
PERCENT OF RETURNS

Please indicate whether you think there should be more, less, or about the same amount of the following facilities and activities in the park in the future. Place an "X" in the appropriate column for each facility/activity. Please keep in mind the nature and purpose of the park.

| Activity/Facility   | (Percent of Returns) |                |      |
|---|----------------------|----------------|------|
|   | More                 | About the Same | Less |
| Campgrounds Accessible by Vehicle                                   | 14.7                 | 77.4           | 7.8  |
| Campgrounds Inaccessible by Vehicle                                 | 37.4                 | 59.2           | 3.4  |
| Remote Campsites Accessible Only by Hiking Trails                   | 50.3                 | 47.9           | 1.8  |
| Remote Campsites Accessible Only by Water (boat, canoe, etc.)       | 41.8                 | 59.9           | 3.8  |
| Tent Campsites  | 33.0                 | 65.5           | 1.5  |
| Lean-to Campsites   | 24.0                 | 71.0           | 5.0  |
| Bunkhouses  | 11.9                 | 72.1           | 16.5 |
| Cabins  | 14.8                 | 69.4           | 15.8 |
| Canoe Rentals   | 21.6                 | 75.6           | 2.9  |
| Fishing Access  | 22.2                 | 74.6           | 3.2  |
| Hiking Trails (Gentle Terrain)                                      | 33.0                 | 65.8           | 1.2  |
| Mountain Hiking Trails  | 20.0                 | 78.7           | 1.1  |
| Technical Climbing (ropes, pitons, etc.)                            | 12.3                 | 81.6           | 6.0  |
| Picnic Tables (Uncovered)   | 15.7                 | 75.8           | 8.6  |
| Picnic Tables (Covered)   | 30.4                 | 62.8           | 6.9  |
| Sale of Firewood  | 29.1                 | 57.8           | 13.1 |
| Interpretive Nature Programs (birdwatching, wildlife obs., geology) | 53.1                 | 43.7           | 3.1  |
| Other (Please Specify)  |                      |                |      |

Would you use a shuttle bus to reach your destination in the park if such a service was available? Yes 50.0 No 50.0

STATE OF MAINE

Inter-Departmental Memorandum Date February 5, 1980

*file*

To Members, Authority and Advisory Committee

Dept. Baxter State Park Authority

From A. Lee Tibbs, Director

Dept. Baxter State Park

Subject 1979 Public Use Statistics

DIRECTOR  
SUPERVISOR  
ASST SUPERVISOR  
BUSINESS MANAGER  
OTHER *George A. ...*  
FILE

Attached for your review are the public use statistics for the 1979 summer season. As expected, there was a decrease in Park use of 17% from 1978 in terms of both vehicles and person entries; that is, a net decrease of 4,176 vehicle entries and 12,982 person entries. There is probably a combination of reasons for the decline in use, but the major one was most likely the gasoline shortage and rapidly increasing gas prices during the summer.

The overall 17% decline tells only part of the story. A more detailed analysis gives a much better picture of 1979 use of the Park and possible future trends.

Vehicles:

A total of 4,176 fewer vehicles entered the Park in 1979 compared to 1978. There was no noticeable difference in resident vs. non-resident vehicles as both categories showed a decline of approximately 17%. However, there was a significant decline of 39% in transient vehicles. This is desirable as our management policy is to discourage transient traffic and keep it to a minimum.

Camper Days:

Camper days use was up 1,683 or 3% above 1978 levels even though the number of campers was down slightly. This occurred because campers stayed longer. The average stay was 2.59 nights compared to 2.46 nights in 1978 or a 5% (.13 nights) increase. There was also a slight shift in favor of resident campers over non-residents; a 3% increase in resident campers and a 4% decrease in non-resident campers.

It is anticipated that the same camping trend will continue in 1980; a stable or slight increase in camping use with Maine residents camping more in the Park than in previous years.

A significant change occurred during 1979 in the use of group areas and backcountry campsites. Group area use increased 27% and use of backcountry campsites was up 49%, while regular campground use was down slightly less than 1%. We attribute this primarily to better public information, easing of restrictions on backcountry campsite use and strong insistence that groups of 12 or more use group areas when available.

Day Use:

Day use declined over 16% in 1979, which accounts for almost all of the decrease in persons entering the Park. The number of campers decreased less than 1%.

Gasoline shortages and increasing prices most likely were the major factors in reduced day use. It is anticipated that this same declining trend will continue in 1980.

Members, Authority and Advisory Committee  
Page -2-  
February 5, 1980

Future Trends:

Future trends are uncertain at best. However, if gasoline prices and general inflation continue to increase at the present rates, it is likely that 1980 will be a repeat of 1979.

The number of people per vehicle in 1979 compared to 1978 remained constant at an average of three. It would seem logical that the fuel situation would force a trend to more people per vehicle in coming years.

:mec

Enclosures

OCCURRENCE OF DEER YARDS BY AREA

|                |                   |
|----------------|-------------------|
| Thissell Bog   | 438 Acres         |
| Hudson Pond    | 118 Acres         |
| Wadleigh Bog   | 394 Acres         |
| Webster Stream | <u>1039 Acres</u> |
| Total          | 1989 Acres        |

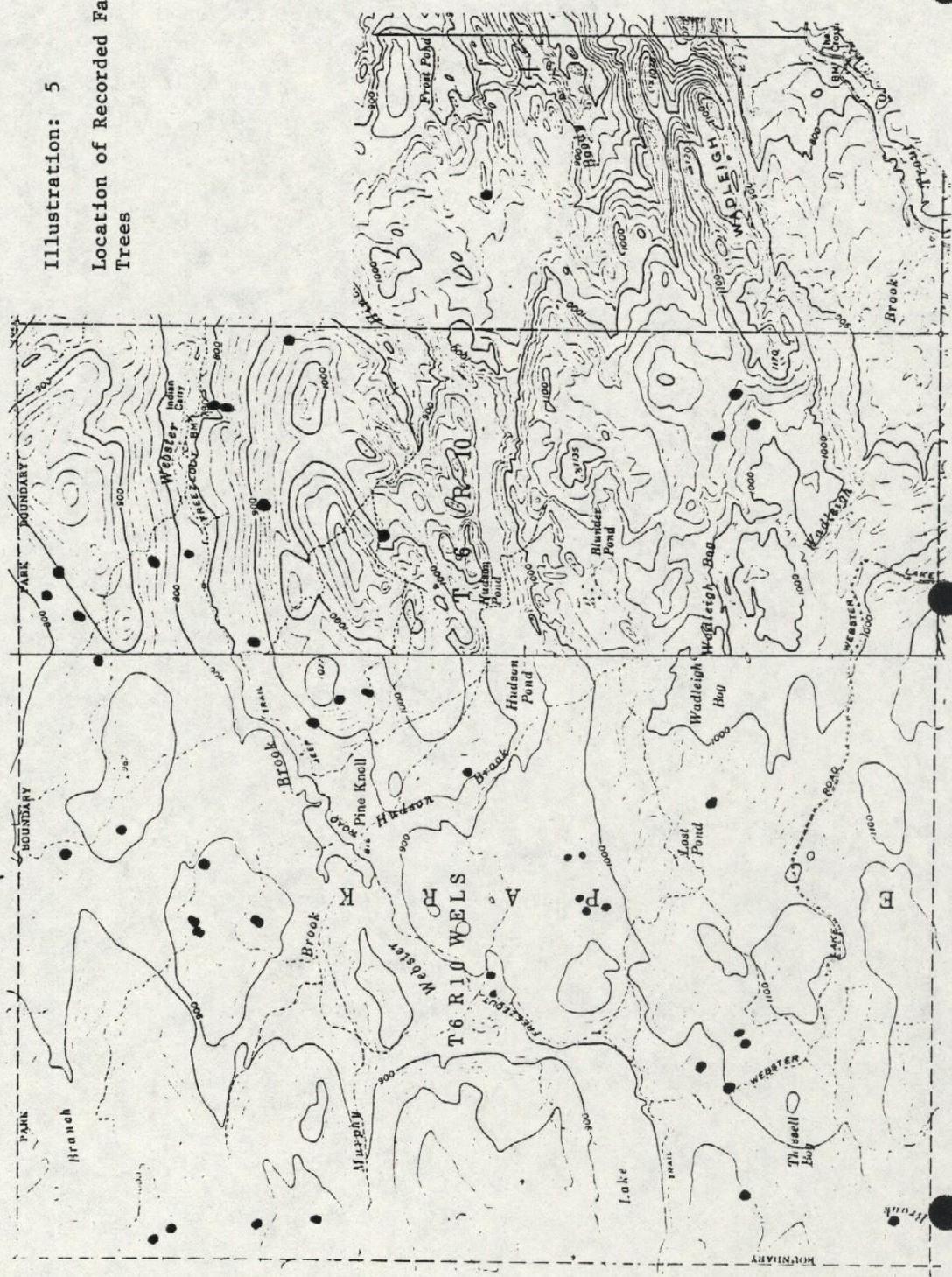
Table: 5 NUMBER OF FALLEN TREES PER ACRE SUITABLE FOR  
SMALL MAMMAL HABITAT, BY STAND TYPE

| <u>Type</u> | <u>Trees/Acre</u> |
|-------------|-------------------|
| S4          | 88                |
| sF4A        | 111               |
| sFwP4A      | 100               |
| S3          | 44                |
| sF3A        | 54                |
| TasF3A      | 150               |
| S2          | 145               |
| sF2A        | 150               |
| CS3         | 253               |
| CS3A        | 400               |
| CS2         | 9                 |
| CS2A        | 150               |
| M4          | 71                |
| sFH4A       | 107               |
| sFH4C       | 300               |
| M3          | 18                |
| sFH3A       | 27                |
| iHsF3A      | 75                |
| HS3A        | 150               |
| H4          | 41                |
| H/sF4A      | 300               |
| H2          | 14                |
| iH/sF2A     | 300               |

x (27,761 acres) 69

Note: Types not listed contained no fallen trees.

Illustration: 5  
 Location of Recorded Fallen  
 Trees



RAXTER STATE PARK INVENTORY 1979: SOFTWOOD TYPE: 54,53,52

TABLE 7: NUMBER OF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 1 INCH     | 2          | 3           | 4           | 5           |
|-----------------|------------|------------|-------------|-------------|-------------|
| BALSAM FIR      | 0.0        | 503163.000 | 1314414.000 | 908938.000  | 1005651.188 |
| TAMAPACK        | 0.0        | 0.0        | 79132.000   | 25651.543   | 45885.473   |
| BLACK SPRUCE    | 0.0        | 0.0        | 0.0         | 32581.992   | 28045.070   |
| RED SPRUCE      | 135680.188 | 184882.000 | 353217.000  | 707547.313  | 602190.313  |
| WHITE SPRUCE    | 0.0        | 0.0        | 0.0         | 24301.867   | 0.0         |
| RED PINE        | 0.0        | 0.0        | 0.0         | 0.0         | 0.0         |
| WHITE PINE      | 0.0        | 0.0        | 0.0         | 0.0         | 33534.109   |
| N. WHITE CEDAR  | 0.0        | 0.0        | 0.0         | 0.0         | 0.0         |
| EASTERN HEMLOCK | 0.0        | 0.0        | 0.0         | 0.0         | 0.0         |
| OTHER SOFTWOODS | 0.0        | 0.0        | 0.0         | 0.0         | 0.0         |
| RED MAPLE       | 0.0        | 0.0        | 43104.430   | 126271.625  | 90617.750   |
| SUGAR MAPLE     | 0.0        | 0.0        | 0.0         | 0.0         | 0.0         |
| YELLOW BIRCH    | 0.0        | 0.0        | 37364.047   | 36302.730   | 0.0         |
| PAPER BIRCH     | 0.0        | 0.0        | 34914.578   | 63772.164   | 23440.152   |
| AMERICAN BEECH  | 0.0        | 0.0        | 0.0         | 0.0         | 0.0         |
| WHITE ASH       | 0.0        | 0.0        | 0.0         | 0.0         | 0.0         |
| OAK             | 0.0        | 0.0        | 0.0         | 0.0         | 0.0         |
| ELM             | 0.0        | 0.0        | 0.0         | 0.0         | 0.0         |
| POPLAR          | 0.0        | 0.0        | 0.0         | 0.0         | 0.0         |
| OTHER HARDWOODS | 0.0        | 0.0        | 20040.277   | 0.0         | 40256.867   |
| OTHER SPECIES   | 0.0        | 0.0        | 0.0         | 0.0         | 11620.992   |
| TOTAL           | 135680.188 | 688044.875 | 1882195.000 | 1925359.000 | 1881233.000 |

BAXTER STATE PARK INVENTORY 1979: SOFTWOOD TYPE; S4, S3, S2

TABLE 7: NUMBER OF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 6           | 7           | 8          | 9          | 10         |
|-----------------|-------------|-------------|------------|------------|------------|
| BALSAM FIR      | 889651.625  | 446741.000  | 393078.375 | 215790.938 | 106029.813 |
| TAMARACK        | 31796.359   | 37831.391   | 2720.145   | 8794.699   | 8100.926   |
| BLACK SPRUCE    | 9341.008    | 0.0         | 20616.305  | 3556.266   | 8206.465   |
| RED SPRUCE      | 673395.375  | 582274.813  | 368942.063 | 190646.938 | 228966.563 |
| WHITE SPRUCE    | 17912.680   | 21404.441   | 7538.594   | 5282.566   | 5263.500   |
| RED PINE        | 0.0         | 0.0         | 0.0        | 0.0        | 0.0        |
| WHITE PINE      | 0.0         | 5896.633    | 6997.074   | 11621.176  | 6314.871   |
| N. WHITE CEDAR  | 33097.539   | 74881.500   | 40402.809  | 73412.750  | 44369.715  |
| EASTERN HEMLOCK | 0.0         | 0.0         | 0.0        | 0.0        | 0.0        |
| OTHER SOFTWOODS | 0.0         | 0.0         | 0.0        | 0.0        | 0.0        |
| RED MAPLE       | 76923.375   | 75246.500   | 77510.688  | 52806.137  | 57631.809  |
| SUGAR MAPLE     | 14480.879   | 0.0         | 6829.488   | 0.0        | 0.0        |
| YELLOW BIRCH    | 3835.832    | 33464.309   | 9056.180   | 23513.508  | 9554.875   |
| PAPER BIRCH     | 42175.531   | 47645.941   | 24242.770  | 6288.914   | 17229.137  |
| AMERICAN BEECH  | 0.0         | 0.0         | 20873.414  | 0.0        | 0.0        |
| WHITE ASH       | 0.0         | 0.0         | 0.0        | 0.0        | 0.0        |
| OAK             | 0.0         | 0.0         | 0.0        | 0.0        | 0.0        |
| ELM             | 0.0         | 0.0         | 0.0        | 0.0        | 0.0        |
| POPLAR          | 31545.738   | 7000.027    | 9659.066   | 11140.355  | 2552.532   |
| OTHER HARDWOODS | 0.0         | 0.0         | 0.0        | 3879.397   | 0.0        |
| OTHER SPECIES   | 13068.992   | 0.0         | 0.0        | 5558.641   | 0.0        |
| TOTAL           | 1837216.000 | 1332376.000 | 988463.125 | 612292.063 | 494219.625 |

BAXTER STATE PARK INVENTORY 1979: SCFTWOOD TYPE: S4,S3,S2

PAGE 3

TABLE 7: NUMBER OF TREES BY SPECIES AND DBH CLASS

ESTIMATED TOTALS

|                 | 11         | 12         | 13         | 14        | 15        |
|-----------------|------------|------------|------------|-----------|-----------|
| BAL SAM FTR     | 85714.563  | 32732.668  | 3786.206   | 3918.950  | 2177.251  |
| TAMARACK        | 3143.227   | 0.0        | 2211.822   | 1650.029  | 0.0       |
| BLACK SPRUCE    | 2505.036   | 0.0        | 2871.602   | 0.0       | 0.0       |
| RED SPRUCE      | 132213.063 | 66320.500  | 86364.250  | 38196.262 | 9334.273  |
| WHITE SPRUCE    | 10542.281  | 3213.460   | 0.0        | 2435.085  | 2063.436  |
| RED PINE        | 0.0        | 0.0        | 0.0        | 0.0       | 0.0       |
| WHITE PINE      | 13183.223  | 6598.582   | 2871.602   | 1200.215  | 6804.992  |
| N. WHITE CEDAR  | 53090.332  | 20320.055  | 25503.355  | 29671.445 | 10891.922 |
| EASTERN HEMLOCK | 0.0        | 0.0        | 3011.092   | 2268.921  | 1983.826  |
| OTHER SOFTWOODS | 0.0        | 0.0        | 0.0        | 0.0       | 0.0       |
| RED MAPLE       | 39421.465  | 9361.652   | 19653.570  | 4870.938  | 0.0       |
| SUGAR MAPLE     | 0.0        | 0.0        | 5926.980   | 0.0       | 0.0       |
| YELLOW BIRCH    | 20634.527  | 9538.047   | 0.0        | 768.330   | 0.0       |
| PAPER BIRCH     | 27039.164  | 0.0        | 5882.691   | 3189.593  | 0.0       |
| AMERICAN BEECH  | 3684.581   | 4400.758   | 2620.196   | 0.0       | 3269.450  |
| WHITE ASH       | 0.0        | 0.0        | 5790.738   | 0.0       | 4268.281  |
| OAK             | 0.0        | 0.0        | 0.0        | 0.0       | 0.0       |
| ELM             | 0.0        | 0.0        | 0.0        | 0.0       | 0.0       |
| POPLAR          | 6109.703   | 0.0        | 0.0        | 0.0       | 0.0       |
| OTHER HARDWOODS | 0.0        | 3328.725   | 1458.497   | 3670.724  | 1324.978  |
| OTHER SPECIES   | 0.0        | 2335.247   | 0.0        | 0.0       | 0.0       |
| TOTAL           | 397280.563 | 158149.438 | 167952.375 | 91840.063 | 42118.426 |

27

## BAXTER STATE PARK INVENTORY 1979: SOFTWOOD TYPE; S4, S3, S2

TABLE 7: NUMBER OF TREES BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 16        | 17        | 18        | 19 AND LARGER | TOTAL        |
|-----------------|-----------|-----------|-----------|---------------|--------------|
| BALSAM FIR      | 1197.350  | 0.0       | 0.0       | 469.157       | 5913437.000  |
| TAMARACK        | 0.0       | 0.0       | 0.0       | 0.0           | 246917.688   |
| BLACK SPRUCE    | 0.0       | 0.0       | 0.0       | 0.0           | 107723.688   |
| RED SPRUCE      | 22649.398 | 9820.258  | 6996.207  | 11704.652     | 4411322.000  |
| WHITE SPRUCE    | 606.134   | 0.0       | 2908.526  | 1046.819      | 104519.250   |
| RED PINE        | 0.0       | 0.0       | 0.0       | 426.200       | 426.200      |
| WHITE PINE      | 7574.617  | 537.316   | 3834.785  | 14877.258     | 121846.063   |
| N. WHITE CEDAR  | 7261.129  | 8835.668  | 2970.972  | 4712.316      | 429421.188   |
| EASTERN HEMLOCK | 1770.807  | 0.0       | 0.0       | 844.733       | 9879.375     |
| OTHER SOFTWOODS | 0.0       | 0.0       | 0.0       | 0.0           | 0.0          |
| RED MAPLE       | 6750.121  | 3796.763  | 3037.727  | 3449.366      | 690453.688   |
| SUGAR MAPLE     | 0.0       | 0.0       | 0.0       | 545.542       | 27782.871    |
| YELLOW BIRCH    | 0.0       | 3456.271  | 1003.003  | 2528.209      | 191019.625   |
| PAPER BIRCH     | 0.0       | 0.0       | 0.0       | 0.0           | 299089.875   |
| AMERICAN BEECH  | 0.0       | 0.0       | 0.0       | 0.0           | 35847.238    |
| WHITE ASH       | 0.0       | 0.0       | 0.0       | 0.0           | 5790.738     |
| OAK             | 0.0       | 0.0       | 0.0       | 0.0           | 0.0          |
| ELM             | 0.0       | 0.0       | 0.0       | 0.0           | 0.0          |
| POPLAR          | 4289.320  | 0.0       | 1518.863  | 2294.491      | 146190.000   |
| OTHER HARDWOODS | 0.0       | 0.0       | 0.0       | 0.0           | 17835.637    |
| OTHER SPECIES   | 0.0       | 0.0       | 0.0       | 0.0           | 18627.625    |
| TOTAL           | 52098.801 | 26446.258 | 22739.230 | 42429.582     | 12778097.000 |

BAXTER PARK INVENTORY 1979: CEDAR TYPES: CSA, CSB, CSC

PAGE 1

TABLE 7: NUMBER OF TREES BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 1 INCH | 2         | 3          | 4          | 5         |
|-----------------|--------|-----------|------------|------------|-----------|
| HALSAM FIR      | 0.0    | 19008.184 | 22857.324  | 14961.297  | 8258.711  |
| TAMARACK        | 0.0    | 0.0       | 0.0        | 0.0        | 16517.418 |
| BLACK SPRUCE    | 0.0    | 11459.488 | 54912.336  | 41181.043  | 49536.914 |
| RED SPRUCE      | 0.0    | 0.0       | 0.0        | 0.0        | 0.0       |
| WHITE SPRUCE    | 0.0    | 0.0       | 0.0        | 0.0        | 0.0       |
| RED PINE        | 0.0    | 0.0       | 0.0        | 0.0        | 0.0       |
| WHITE PINE      | 0.0    | 0.0       | 0.0        | 0.0        | 0.0       |
| N. WHITE CEDAR  | 0.0    | 0.0       | 0.0        | 28153.531  | 0.0       |
| EASTERN HEMLOCK | 0.0    | 0.0       | 0.0        | 0.0        | 0.0       |
| OTHER SOFTWOODS | 0.0    | 0.0       | 0.0        | 0.0        | 0.0       |
| RED MAPLE       | 0.0    | 0.0       | 31563.160  | 0.0        | 5406.770  |
| SUGAR MAPLE     | 0.0    | 0.0       | 0.0        | 0.0        | 0.0       |
| YELLOW BIRCH    | 0.0    | 0.0       | 9471.211   | 0.0        | 0.0       |
| PAPER BIRCH     | 0.0    | 0.0       | 0.0        | 0.0        | 0.0       |
| AMERICAN BEECH  | 0.0    | 0.0       | 0.0        | 0.0        | 0.0       |
| WHITE ASH       | 0.0    | 0.0       | 0.0        | 0.0        | 0.0       |
| OAK             | 0.0    | 0.0       | 0.0        | 0.0        | 0.0       |
| ELM             | 0.0    | 0.0       | 0.0        | 0.0        | 0.0       |
| POPLAR          | 0.0    | 0.0       | 0.0        | 0.0        | 0.0       |
| OTHER HARDWOODS | 0.0    | 0.0       | 0.0        | 19733.379  | 4956.410  |
| OTHER SPECIES   | 0.0    | 0.0       | 0.0        | 0.0        | 0.0       |
| TOTAL           | 0.0    | 30467.684 | 118803.938 | 104029.125 | 84676.125 |

BAXTER PARK INVENTORY 1979; CEDAR TYPES; CSA, CSB, CSC

TABLE 7: NUMBER OF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 6         | 7         | 8         | 9         | 10        |
|-----------------|-----------|-----------|-----------|-----------|-----------|
| BALSAM FIR      | 7238.820  | 0.0       | 0.0       | 0.0       | 0.0       |
| TAMARACK        | 9805.695  | 16256.184 | 5997.207  | 0.0       | 0.0       |
| BLACK SPRUCE    | 5889.566  | 5385.527  | 989.587   | 5338.906  | 1668.659  |
| RED SPRUCE      | 0.0       | 0.0       | 1589.303  | 1413.833  | 3877.881  |
| WHITE SPRUCE    | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| RED PINE        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| WHITE PINE      | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| N. WHITE CEDAR  | 12061.816 | 15610.332 | 17271.641 | 16979.254 | 7764.504  |
| EASTERN HEMLOCK | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| OTHER SOFTWOODS | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| RED MAPLE       | 0.0       | 3519.194  | 3243.290  | 0.0       | 0.0       |
| SUGAR MAPLE     | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| YELLOW BIRCH    | 6030.906  | 0.0       | 0.0       | 0.0       | 0.0       |
| PAPER BIRCH     | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| AMERICAN BEECH  | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| WHITE ASH       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| OAK             | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| ELM             | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| POPLAR          | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| OTHER HARDWOODS | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| OTHER SPECIES   | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| TOTAL           | 41026.809 | 40771.227 | 29091.039 | 25114.234 | 13311.043 |

TABLE 7: NUMBER OF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 11       | 12       | 13       | 14       | 15       |
|-----------------|----------|----------|----------|----------|----------|
| BALSAM FIR      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| TAMARACK        | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| BLACK SPRUCE    | 1405.002 | 0.0      | 0.0      | 0.0      | 0.0      |
| RED SPRUCE      | 3071.035 | 0.0      | 0.0      | 0.0      | 0.0      |
| WHITE SPRUCE    | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| RED PINE        | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| WHITE PINE      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| N. WHITE CEDAR  | 1777.679 | 4080.314 | 3171.824 | 558.609  | 1317.497 |
| EASTERN HEMLOCK | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| OTHER SOFTWOODS | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| RED MAPLE       | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| SUGAR MAPLE     | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| YELLOW BIRCH    | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| PAPER BIRCH     | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| AMERICAN BEECH  | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| WHITE ASH       | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| OAK             | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| ELM             | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| POPLAR          | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| OTHER HARDWOODS | 0.0      | 0.0      | 0.0      | 542.984  | 0.0      |
| OTHER SPECIES   | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| TOTAL           | 6253.711 | 4080.314 | 3171.824 | 1101.593 | 1317.497 |

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BAXTER PARK INVENTORY 1979; CEDAR TYPES; CSA, CSB, CSC

TABLE 7: NUMBER OF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 16       | 17  | 18      | 19 AND LARGER | TOTAL      |
|-----------------|----------|-----|---------|---------------|------------|
| BALSAM FIR      | 0.0      | 0.0 | 0.0     | 0.0           | 73706.500  |
| TAMARACK        | 0.0      | 0.0 | 0.0     | 108.955       | 48685.465  |
| BLACK SPRUCE    | 0.0      | 0.0 | 0.0     | 0.0           | 177766.875 |
| RED SPRUCE      | 0.0      | 0.0 | 0.0     | 0.0           | 9952.051   |
| WHITE SPRUCE    | 0.0      | 0.0 | 0.0     | 0.0           | 0.0        |
| RED PINE        | 0.0      | 0.0 | 0.0     | 0.0           | 0.0        |
| WHITE PINE      | 0.0      | 0.0 | 0.0     | 0.0           | 0.0        |
| N. WHITE CEDAR  | 1156.823 | 0.0 | 687.397 | 0.0           | 110591.063 |
| EASTERN HEMLOCK | 0.0      | 0.0 | 0.0     | 0.0           | 0.0        |
| OTHER SOFTWOODS | 0.0      | 0.0 | 0.0     | 0.0           | 0.0        |
| RED MAPLE       | 0.0      | 0.0 | 0.0     | 0.0           | 43732.406  |
| SUGAR MAPLE     | 0.0      | 0.0 | 0.0     | 0.0           | 0.0        |
| YELLOW BIRCH    | 0.0      | 0.0 | 0.0     | 0.0           | 15502.117  |
| PAPER BIRCH     | 0.0      | 0.0 | 0.0     | 0.0           | 0.0        |
| AMERICAN BEECH  | 0.0      | 0.0 | 0.0     | 0.0           | 0.0        |
| WHITE ASH       | 0.0      | 0.0 | 0.0     | 0.0           | 0.0        |
| PAK             | 0.0      | 0.0 | 0.0     | 0.0           | 0.0        |
| ELM             | 0.0      | 0.0 | 0.0     | 0.0           | 0.0        |
| POPLAR          | 0.0      | 0.0 | 0.0     | 0.0           | 0.0        |
| OTHER HARDWOODS | 0.0      | 0.0 | 0.0     | 0.0           | 25232.766  |
| OTHER SPECIES   | 0.0      | 0.0 | 0.0     | 0.0           | 0.0        |
| TOTAL           | 1156.823 | 0.0 | 687.397 | 108.955       | 505169.313 |

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BAXTOR INVENTORY 1979; TYPE MIXED; M4, M3, M2

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TABLE 7: NUMBER OF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 1 INCH | 2          | 3          | 4          | 5          |
|-----------------|--------|------------|------------|------------|------------|
| RALSAM FIR      | 0.0    | 190055.750 | 106948.000 | 127431.063 | 81660.938  |
| TAMARACK        | 0.0    | 0.0        | 0.0        | 0.0        | 0.0        |
| BLACK SPRUCE    | 0.0    | 0.0        | 0.0        | 23319.586  | 0.0        |
| RED SPRUCE      | 0.0    | 98639.875  | 50993.238  | 148289.625 | 64092.926  |
| WHITE SPRUCE    | 0.0    | 0.0        | 40255.750  | 6845.609   | 28878.539  |
| RED PINE        | 0.0    | 0.0        | 0.0        | 0.0        | 0.0        |
| WHITE PINE      | 0.0    | 0.0        | 0.0        | 0.0        | 0.0        |
| N. WHITE CEDAR  | 0.0    | 0.0        | 0.0        | 0.0        | 0.0        |
| EASTERN HEMLOCK | 0.0    | 0.0        | 0.0        | 0.0        | 0.0        |
| OTHER SOFTWOODS | 0.0    | 0.0        | 0.0        | 0.0        | 0.0        |
| RED MAPLE       | 0.0    | 80428.688  | 215042.375 | 225268.625 | 102934.813 |
| SUGAR MAPLE     | 0.0    | 0.0        | 0.0        | 0.0        | 16762.332  |
| YELLOW BIRCH    | 0.0    | 0.0        | 0.0        | 28954.352  | 0.0        |
| PAPER BIRCH     | 0.0    | 0.0        | 0.0        | 10863.988  | 23949.559  |
| AMERICAN BEECH  | 0.0    | 0.0        | 48654.391  | 0.0        | 0.0        |
| WHITE ASH       | 0.0    | 0.0        | 0.0        | 0.0        | 0.0        |
| OAK             | 0.0    | 0.0        | 0.0        | 0.0        | 0.0        |
| ELM             | 0.0    | 0.0        | 0.0        | 0.0        | 0.0        |
| POPLAR          | 0.0    | 0.0        | 0.0        | 0.0        | 0.0        |
| OTHER HARDWOODS | 0.0    | 0.0        | 0.0        | 0.0        | 40425.848  |
| OTHER SPECIES   | 0.0    | 0.0        | 59731.063  | 17763.719  | 33276.074  |
| TOTAL           | 0.0    | 369124.625 | 521625.000 | 628814.938 | 391981.063 |

## BAXTOR INVENTORY 1979; TYPE MIXED; M4, M3, M2

TABLE 7: NUMBER OF TREES BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 6          | 7          | 8          | 9          | 10         |
|-----------------|------------|------------|------------|------------|------------|
| BALSAM FIR      | 141697.125 | 53047.676  | 43303.574  | 60624.039  | 16772.031  |
| TAMARACK        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| BLACK SPRUCE    | 9227.125   | 0.0        | 0.0        | 0.0        | 3693.156   |
| RED SPRUCE      | 102616.000 | 89210.125  | 93451.313  | 44757.254  | 28801.383  |
| WHITE SPRUCE    | 7993.980   | 6842.023   | 2211.902   | 4580.199   | 0.0        |
| RED PINE        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| WHITE PINE      | 0.0        | 0.0        | 0.0        | 2058.519   | 5911.543   |
| N. WHITE CEDAR  | 0.0        | 5737.961   | 5016.969   | 9489.410   | 6570.574   |
| EASTERN HEMLOCK | 0.0        | 0.0        | 0.0        | 4014.157   | 0.0        |
| OTHER SOFTWOODS | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| RED MAPLE       | 65598.813  | 44806.117  | 28583.789  | 16658.410  | 3798.634   |
| SUGAR MAPLE     | 0.0        | 13882.797  | 4317.836   | 0.0        | 0.0        |
| YELLOW BIRCH    | 7993.980   | 6655.859   | 0.0        | 0.0        | 7541.793   |
| PAPER BIRCH     | 21377.137  | 23988.414  | 22729.824  | 10035.313  | 6780.313   |
| AMERICAN BEECH  | 0.0        | 0.0        | 5026.793   | 0.0        | 0.0        |
| WHITE ASH       | 9532.137   | 0.0        | 0.0        | 0.0        | 3279.314   |
| OAK             | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| ELM             | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| POPLAR          | 59211.398  | 41161.547  | 37912.820  | 57816.184  | 32925.051  |
| OTHER HARDWOODS | 5404.602   | 8542.277   | 11097.188  | 642.894    | 957.566    |
| OTHER SPECIES   | 5271.855   | 0.0        | 0.0        | 0.0        | 0.0        |
| TOTAL           | 435924.375 | 293874.563 | 253651.875 | 210676.000 | 117031.000 |

TABLE 7: NUMBER OF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 11        | 12        | 13        | 14        | 15        |
|-----------------|-----------|-----------|-----------|-----------|-----------|
| BALSAM FIR      | 18388.281 | 7074.613  | 2131.421  | 1946.176  | 0.0       |
| TAMARACK        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| BLACK SPRUCE    | 0.0       | 1998.493  | 0.0       | 1632.131  | 1287.469  |
| RED SPRUCE      | 19143.859 | 13889.090 | 9657.980  | 5513.195  | 3678.956  |
| WHITE SPRUCE    | 8227.438  | 3696.355  | 2098.758  | 0.0       | 0.0       |
| RED PINE        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| WHITE PINE      | 1492.685  | 2172.958  | 1707.165  | 737.590   | 0.0       |
| N. WHITE CEDAR  | 0.0       | 0.0       | 0.0       | 1584.824  | 0.0       |
| EASTERN HEMLOCK | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| OTHER SOFTWOODS | 0.0       | 0.0       | 0.0       | 0.0       | 1576.399  |
| RED MAPLE       | 3098.004  | 0.0       | 0.0       | 0.0       | 0.0       |
| SUGAR MAPLE     | 5754.828  | 0.0       | 0.0       | 3807.426  | 3182.571  |
| YELLOW BIRCH    | 0.0       | 0.0       | 2005.148  | 1862.481  | 0.0       |
| PAPER BIRCH     | 2827.574  | 6777.980  | 0.0       | 0.0       | 0.0       |
| AMERICAN BEECH  | 6258.043  | 0.0       | 0.0       | 737.590   | 0.0       |
| WHITE ASH       | 0.0       | 0.0       | 0.0       | 4576.656  | 2411.746  |
| OAK             | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| ELM             | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| POPLAR          | 27919.195 | 22922.934 | 5476.629  | 9758.008  | 5031.336  |
| OTHER HARDWOODS | 376.990   | 936.724   | 0.0       | 780.971   | 0.0       |
| OTHER SPECIES   | 0.0       | 0.0       | 0.0       | 1946.176  | 0.0       |
| TOTAL           | 93486.688 | 59469.137 | 23077.113 | 34883.250 | 17168.477 |

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BAXTOR INVENTORY 1979; TYPE MIXED; M4, M3, M2  
 TABLE 7: NUMBER OF TREES BY SPECIES AND DBH CLASS  
 ESTIMATED TOTALS

|                 | 16        | 17       | 18       | 19 AND LARGER | TOTAL       |
|-----------------|-----------|----------|----------|---------------|-------------|
| BALSAM FIR      | 0.0       | 0.0      | 918.073  | 0.0           | 851997.750  |
| TAMARACK        | 0.0       | 0.0      | 0.0      | 0.0           | 0.0         |
| BLACK SPRUCE    | 0.0       | 0.0      | 0.0      | 0.0           | 41157.969   |
| RED SPRUCE      | 2987.607  | 1092.587 | 1553.760 | 850.625       | 779217.688  |
| WHITE SPRUCE    | 2860.470  | 0.0      | 0.0      | 0.0           | 114490.750  |
| RED PINE        | 0.0       | 0.0      | 0.0      | 0.0           | 0.0         |
| WHITE PINE      | 1105.955  | 1185.112 | 0.0      | 2565.927      | 18937.449   |
| N. WHITE CEDAR  | 0.0       | 1029.260 | 0.0      | 5540.867      | 34969.895   |
| EASTERN HEMLOCK | 1368.356  | 0.0      | 0.0      | 1528.541      | 8487.445    |
| OTHER SOFTWOODS | 0.0       | 0.0      | 0.0      | 0.0           | 0.0         |
| RED MAPLE       | 0.0       | 606.498  | 1997.952 | 948.109       | 796760.625  |
| SUGAR MAPLE     | 1457.478  | 0.0      | 0.0      | 0.0           | 46042.922   |
| YELLOW BIRCH    | 0.0       | 2356.727 | 1132.146 | 0.0           | 54634.836   |
| PAPER BIRCH     | 0.0       | 0.0      | 0.0      | 0.0           | 130067.500  |
| AMERICAN BEECH  | 0.0       | 0.0      | 0.0      | 0.0           | 66927.563   |
| WHITE ASH       | 1476.338  | 0.0      | 0.0      | 0.0           | 14287.793   |
| OAK             | 0.0       | 0.0      | 0.0      | 0.0           | 0.0         |
| ELM             | 0.0       | 0.0      | 0.0      | 0.0           | 0.0         |
| POPLAR          | 595.774   | 1066.573 | 0.0      | 850.625       | 343073.563  |
| OTHER HARDWOODS | 0.0       | 0.0      | 0.0      | 0.0           | 79778.938   |
| OTHER SPECIES   | 0.0       | 0.0      | 0.0      | 0.0           | 107026.875  |
| TOTAL           | 11851.965 | 7336.742 | 5601.922 | 12284.691     | 3487851.000 |

BAXTER PARK INVENTORY 1979; HARDWOOD TYPE; H4, H3, H2

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TABLE 7: NUMBER OF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 1 INCH | 2         | 3          | 4         | 5          |
|-----------------|--------|-----------|------------|-----------|------------|
| RALSAM FIR      | 0.0    | 15421.680 | 0.0        | 0.0       | 2058.886   |
| TAMARACK        | 0.0    | 0.0       | 0.0        | 0.0       | 0.0        |
| BLACK SPRUCE    | 0.0    | 0.0       | 0.0        | 0.0       | 0.0        |
| RED SPRUCE      | 0.0    | 0.0       | 2724.086   | 8700.129  | 4739.523   |
| WHITE SPRUCE    | 0.0    | 0.0       | 11230.684  | 7807.078  | 2318.712   |
| RED PINE        | 0.0    | 0.0       | 0.0        | 0.0       | 0.0        |
| WHITE PINE      | 0.0    | 19944.031 | 10725.473  | 7051.078  | 4189.637   |
| N. WHITE CEDAR  | 0.0    | 0.0       | 0.0        | 0.0       | 0.0        |
| EASTERN HEMLOCK | 0.0    | 0.0       | 0.0        | 0.0       | 0.0        |
| OTHER SOFTWOODS | 0.0    | 0.0       | 0.0        | 0.0       | 0.0        |
| RED MAPLE       | 0.0    | 0.0       | 88640.250  | 62597.238 | 27664.844  |
| SUGAR MAPLE     | 0.0    | 0.0       | 0.0        | 0.0       | 0.0        |
| YELLOW BIRCH    | 0.0    | 0.0       | 0.0        | 0.0       | 2396.758   |
| PAPEE BIRCH     | 0.0    | 0.0       | 21344.863  | 51284.668 | 18086.582  |
| AMERICAN BEECH  | 0.0    | 0.0       | 26482.641  | 33180.156 | 0.0        |
| WHITE ASH       | 0.0    | 0.0       | 0.0        | 0.0       | 0.0        |
| OAK             | 0.0    | 0.0       | 0.0        | 0.0       | 0.0        |
| ELM             | 0.0    | 0.0       | 0.0        | 0.0       | 0.0        |
| POPLAR          | 0.0    | 0.0       | 0.0        | 0.0       | 0.0        |
| OTHER HARDWOODS | 0.0    | 0.0       | 20089.328  | 9359.020  | 5948.988   |
| OTHER SPECIES   | 0.0    | 0.0       | 0.0        | 15759.879 | 0.0        |
| TOTAL           | 0.0    | 35365.727 | 205757.313 | 3220.023  | 198959.250 |

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BAXTER PARK INVENTORY 1979; HARDWOOD TYPE; H4, H3, H2

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TABLE 7: NUMBER OF TREES BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 6         | 7         | 8         | 9         | 10        |
|-----------------|-----------|-----------|-----------|-----------|-----------|
| BALSAM FIR      | 1496.165  | 1317.685  | 2871.185  | 1584.796  | 568.026   |
| TAMARACK        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| BLACK SPRUCE    | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| RED SPRUCE      | 0.0       | 3525.540  | 4809.512  | 1305.156  | 0.0       |
| WHITE SPRUCE    | 0.0       | 0.0       | 1716.076  | 0.0       | 0.0       |
| RED PINE        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| WHITE PINE      | 0.0       | 2284.718  | 0.0       | 385.275   | 0.0       |
| N. WHITE CEDAR  | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| EASTERN HEMLOCK | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| OTHER SOFTWOODS | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| RED MAPLE       | 27931.730 | 10284.262 | 1963.632  | 1154.780  | 3041.916  |
| SUGAR MAPLE     | 0.0       | 0.0       | 4825.395  | 0.0       | 3675.379  |
| YELLOW BIRCH    | 2060.813  | 0.0       | 0.0       | 0.0       | 0.0       |
| PAPER BIRCH     | 15343.246 | 8312.520  | 4889.000  | 6832.535  | 4222.414  |
| AMERICAN BEECH  | 1402.678  | 1272.236  | 0.0       | 0.0       | 2010.189  |
| WHITE ASH       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| OAK             | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| ELM             | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| POPLAR          | 10131.605 | 13634.266 | 11093.156 | 12861.617 | 6394.371  |
| OTHER HARDWOODS | 0.0       | 601.992   | 0.0       | 0.0       | 0.0       |
| OTHER SPECIES   | 1402.678  | 2284.718  | 0.0       | 360.386   | 0.0       |
| TOTAL           | 59768.859 | 43517.895 | 32167.934 | 24484.531 | 19912.301 |

TABLE 7: NUMBER OF TREES BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 11       | 12  | 13        | 14       | 15       |
|-----------------|----------|-----|-----------|----------|----------|
| BALSAM FIR      | 0.0      | 0.0 | 406.693   | 0.0      | 0.0      |
| TAMARACK        | 0.0      | 0.0 | 0.0       | 0.0      | 0.0      |
| BLACK SPRUCE    | 0.0      | 0.0 | 0.0       | 0.0      | 280.026  |
| RED SPRUCE      | 0.0      | 0.0 | 2756.888  | 0.0      | 0.0      |
| WHITE SPRUCE    | 742.760  | 0.0 | 0.0       | 0.0      | 0.0      |
| RED PINE        | 0.0      | 0.0 | 0.0       | 0.0      | 0.0      |
| WHITE PINE      | 783.451  | 0.0 | 0.0       | 0.0      | 0.0      |
| N. WHITE CEDAR  | 0.0      | 0.0 | 0.0       | 0.0      | 159.030  |
| EASTERN HEMLOCK | 0.0      | 0.0 | 0.0       | 0.0      | 0.0      |
| OTHER SOFTWOODS | 0.0      | 0.0 | 0.0       | 0.0      | 0.0      |
| RED MAPLE       | 1511.933 | 0.0 | 0.0       | 0.0      | 0.0      |
| SUGAR MAPLE     | 0.0      | 0.0 | 4092.244  | 1142.356 | 931.030  |
| YELLOW BIRCH    | 0.0      | 0.0 | 0.0       | 0.0      | 0.0      |
| PAPER BIRCH     | 247.740  | 0.0 | 386.612   | 351.357  | 0.0      |
| AMERICAN BEECH  | 0.0      | 0.0 | 0.0       | 314.728  | 284.042  |
| WHITE ASH       | 0.0      | 0.0 | 0.0       | 0.0      | 0.0      |
| OAK             | 0.0      | 0.0 | 0.0       | 0.0      | 0.0      |
| ELM             | 0.0      | 0.0 | 0.0       | 0.0      | 0.0      |
| POPLAR          | 1200.397 | 0.0 | 2913.207  | 3487.634 | 447.888  |
| OTHER HARDWOODS | 0.0      | 0.0 | 0.0       | 0.0      | 0.0      |
| OTHER SPECIES   | 0.0      | 0.0 | 0.0       | 0.0      | 0.0      |
| TOTAL           | 4496.277 | 0.0 | 10555.637 | 5296.066 | 2102.017 |
|                 |          |     |           |          | 835.608  |
|                 |          |     |           |          | 1127.495 |
|                 |          |     |           |          | 1963.102 |



TABLE 7: NUMBER OF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 16      | 17       | 18       | 19 AND LARGER | TOTAL      |
|-----------------|---------|----------|----------|---------------|------------|
| BALSAM FIR      | 0.0     | 0.0      | 0.0      | 0.0           | 25725.105  |
| TAMARACK        | 0.0     | 0.0      | 0.0      | 0.0           | 0.0        |
| BLACK SPRUCE    | 0.0     | 0.0      | 0.0      | 0.0           | 280.026    |
| RED SPRUCE      | 0.0     | 0.0      | 0.0      | 0.0           | 53080.840  |
| WHITE SPRUCE    | 0.0     | 0.0      | 0.0      | 0.0           | 23815.293  |
| RED PINE        | 0.0     | 652.576  | 0.0      | 0.0           | 652.576    |
| WHITE PINE      | 0.0     | 0.0      | 0.0      | 0.0           | 45363.676  |
| N. WHITE CEDAR  | 0.0     | 0.0      | 0.0      | 0.0           | 159.030    |
| EASTERN HEMLOCK | 0.0     | 0.0      | 0.0      | 0.0           | 0.0        |
| OTHER SOFTWOODS | 0.0     | 0.0      | 0.0      | 0.0           | 0.0        |
| RED MAPLE       | 0.0     | 0.0      | 203.558  | 0.0           | 224994.188 |
| SUGAR MAPLE     | 0.0     | 864.720  | 201.251  | 768.504       | 17336.480  |
| YELLOW BIRCH    | 0.0     | 0.0      | 0.0      | 0.0           | 4457.563   |
| PAPER BIRCH     | 0.0     | 0.0      | 0.0      | 0.0           | 131301.375 |
| AMERICAN BEECH  | 0.0     | 0.0      | 0.0      | 0.0           | 64946.695  |
| WHITE ASH       | 0.0     | 0.0      | 177.701  | 0.0           | 177.701    |
| OAK             | 0.0     | 0.0      | 0.0      | 0.0           | 0.0        |
| ELM             | 0.0     | 0.0      | 0.0      | 0.0           | 0.0        |
| POPLAR          | 108.735 | 195.006  | 616.228  | 608.578       | 80128.125  |
| OTHER HARDWOODS | 0.0     | 0.0      | 0.0      | 0.0           | 36451.188  |
| OTHER SPECIES   | 0.0     | 0.0      | 0.0      | 0.0           | 7267.801   |
| TOTAL           | 108.735 | 1712.301 | 1198.738 | 1377.082      | 716136.688 |

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BAXTER STATE PARK INVENTORY 1979: SOFTWOOD TYPE; S4,S3,S2

TABLE 8: BASAL AREA BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 1 INCH  | 2         | 3         | 4          | 5          |
|-----------------|---------|-----------|-----------|------------|------------|
| WALSAM FIR      | 0.0     | 11547.074 | 64590.652 | 76156.500  | 136486.125 |
| TAMARACK        | 0.0     | 0.0       | 3427.635  | 1713.817   | 5141.449   |
| BLACK SPRUCE    | 0.0     | 0.0       | 0.0       | 2566.016   | 3422.925   |
| RED SPRUCE      | 740.000 | 4279.828  | 16262.426 | 60755.758  | 80014.938  |
| WHITE SPRUCE    | 0.0     | 0.0       | 0.0       | 2566.016   | 0.0        |
| RED PINE        | 0.0     | 0.0       | 0.0       | 0.0        | 0.0        |
| WHITE PINE      | 0.0     | 0.0       | 0.0       | 0.0        | 5132.027   |
| N. WHITE CEDAR  | 0.0     | 0.0       | 0.0       | 0.0        | 0.0        |
| EASTERN HEMLOCK | 0.0     | 0.0       | 0.0       | 0.0        | 0.0        |
| OTHER SOFTWOODS | 0.0     | 0.0       | 0.0       | 0.0        | 0.0        |
| RED MAPLE       | 0.0     | 0.0       | 1713.817  | 10273.480  | 12834.793  |
| SUGAR MAPLE     | 0.0     | 0.0       | 0.0       | 0.0        | 0.0        |
| YELLOW BIRCH    | 0.0     | 0.0       | 1713.817  | 2566.016   | 0.0        |
| PAPER BIRCH     | 0.0     | 0.0       | 1713.817  | 5132.027   | 3422.925   |
| AMERICAN BEECH  | 0.0     | 0.0       | 0.0       | 0.0        | 0.0        |
| WHITE ASH       | 0.0     | 0.0       | 0.0       | 0.0        | 0.0        |
| OAK             | 0.0     | 0.0       | 0.0       | 0.0        | 0.0        |
| ELM             | 0.0     | 0.0       | 0.0       | 0.0        | 0.0        |
| POPLAR          | 0.0     | 0.0       | 856.908   | 0.0        | 5993.648   |
| OTHER HARDWOODS | 0.0     | 0.0       | 0.0       | 0.0        | 1713.817   |
| OTHER SPECIES   | 0.0     | 0.0       | 0.0       | 0.0        | 0.0        |
| TOTAL           | 740.000 | 15826.906 | 90279.000 | 161729.625 | 254162.813 |

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TABLE 8: BASAL AREA BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 6          | 7          | 8          | 9          | 10         |
|-----------------|------------|------------|------------|------------|------------|
| BALSAM FIR      | 172401.000 | 116819.563 | 135193.688 | 93687.750  | 57754.219  |
| TAYARACK        | 5998.355   | 9425.596   | 856.908    | 3853.735   | 4279.828   |
| BLACK SPRUCE    | 1713.817   | 0.0        | 6845.844   | 1713.817   | 4279.828   |
| RED SPRUCE      | 129607.313 | 151751.125 | 125360.438 | 82538.938  | 122008.188 |
| WHITE SPRUCE    | 3427.635   | 5988.934   | 2566.016   | 2139.916   | 2996.826   |
| RED PINE        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| WHITE PINE      | 0.0        | 1713.817   | 2566.016   | 5132.027   | 3427.635   |
| N. WHITE CEDAR  | 6845.844   | 19675.922  | 14543.898  | 31667.945  | 24386.574  |
| EASTERN HEMLOCK | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| OTHER SOFTWOODS | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| RED MAPLE       | 14113.090  | 20111.441  | 26521.773  | 22672.746  | 30370.801  |
| SUGAR MAPLE     | 2566.016   | 0.0        | 2566.016   | 0.0        | 0.0        |
| YELLOW BIRCH    | 856.908    | 8559.660   | 3422.925   | 10264.066  | 5136.738   |
| PAPER BIRCH     | 8128.855   | 11977.883  | 7698.047   | 2570.727   | 9411.863   |
| AMERICAN BEECH  | 0.0        | 0.0        | 7707.465   | 0.0        | 0.0        |
| WHITE ASH       | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| OAK             | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| ELM             | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| POPLAR          | 5993.648   | 1713.817   | 2996.826   | 4710.637   | 1283.008   |
| OTHER HARDWOODS | 0.0        | 0.0        | 0.0        | 1713.817   | 0.0        |
| OTHER SPECIES   | 2566.016   | 0.0        | 0.0        | 2566.016   | 0.0        |
| TOTAL           | 354218.250 | 347738.188 | 338845.813 | 265232.313 | 265335.563 |

TABLE 8: BASAL AREA BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 11         | 12         | 13         | 14        | 15        |
|-----------------|------------|------------|------------|-----------|-----------|
| BALSAM FIR      | 54766.793  | 24812.660  | 3422.925   | 4279.828  | 2566.016  |
| TAMARACK        | 2023.007   | 0.0        | 2139.916   | 1713.817  | 0.0       |
| BLACK SPRUCE    | 1713.817   | 0.0        | 2566.016   | 0.0       | 0.0       |
| RED SPRUCE      | 85858.625  | 52186.660  | 77359.750  | 40208.773 | 11495.676 |
| WHITE SPRUCE    | 6845.844   | 2566.016   | 0.0        | 2566.016  | 2566.016  |
| RED PINE        | 0.0        | 0.0        | 0.0        | 0.0       | 0.0       |
| WHITE PINE      | 8554.953   | 5132.027   | 2566.016   | 1283.008  | 8128.855  |
| N. WHITE CEDAR  | 35086.152  | 16257.715  | 23103.547  | 31658.508 | 13696.406 |
| EASTERN HEMLOCK | 0.0        | 0.0        | 2566.016   | 2566.016  | 2566.016  |
| OTHER SOFTWOODS | 0.0        | 0.0        | 0.0        | 0.0       | 0.0       |
| RED MAPLE       | 26095.668  | 7271.945   | 17962.109  | 5132.027  | 0.0       |
| SUGAR MAPLE     | 0.0        | 0.0        | 5132.027   | 0.0       | 0.0       |
| YELLOW BIRCH    | 13691.699  | 7698.047   | 0.0        | 856.908   | 0.0       |
| PAPER BIRCH     | 17109.918  | 0.0        | 5132.027   | 3427.635  | 3849.026  |
| AMERICAN BEECH  | 2566.016   | 3422.925   | 2566.016   | 0.0       | 5132.027  |
| WHITE ASH       | 0.0        | 0.0        | 5132.027   | 0.0       | 0.0       |
| OAK             | 0.0        | 0.0        | 0.0        | 0.0       | 0.0       |
| ELM             | 0.0        | 0.0        | 0.0        | 0.0       | 0.0       |
| POPLAR          | 3849.026   | 2566.016   | 1283.008   | 3849.026  | 1713.817  |
| OTHER HARDWOODS | 0.0        | 1713.817   | 0.0        | 0.0       | 0.0       |
| OTHER SPECIES   | 0.0        | 0.0        | 0.0        | 0.0       | 0.0       |
| TOTAL           | 258161.625 | 123627.750 | 150931.500 | 97541.500 | 51713.863 |

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BAXTER STATE PARK INVENTORY 1979: SOFTWOOD TYPE; S4, S3, S2

TABLE 8: BASAL AREA BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 16        | 17        | 18        | 19 AND LARGER | TOTAL       |
|-----------------|-----------|-----------|-----------|---------------|-------------|
| BALSAM FIR      | 1713.817  | 0.0       | 856.908   | 0.0           | 957056.062  |
| TAMARACK        | 0.0       | 0.0       | 0.0       | 0.0           | 40574.473   |
| BLACK SPRUCE    | 0.0       | 0.0       | 0.0       | 0.0           | 24822.094   |
| RED SPRUCE      | 31166.898 | 15339.992 | 12403.980 | 26090.969     | 1125429.000 |
| WHITE SPRUCE    | 856.908   | 0.0       | 5132.027  | 2566.016      | 42784.207   |
| RED PINE        | 0.0       | 0.0       | 0.0       | 856.908       | 856.908     |
| WHITE PINE      | 10264.066 | 856.908   | 6845.844  | 46202.434     | 107805.563  |
| N. WHITE CEDAR  | 10264.066 | 13691.699 | 5132.027  | 11125.680     | 257136.063  |
| EASTERN HEMLOCK | 2566.016  | 0.0       | 0.0       | 2566.016      | 12830.082   |
| OTHER SOFTWOODS | 0.0       | 0.0       | 0.0       | 0.0           | 0.0         |
| RED MAPLE       | 9411.863  | 5993.648  | 5132.027  | 8559.660      | 224171.000  |
| SUGAR MAPLE     | 0.0       | 0.0       | 0.0       | 1713.817      | 11977.883   |
| YELLOW BIRCH    | 0.0       | 5132.027  | 1713.817  | 6845.844      | 68458.438   |
| PAPER BIRCH     | 0.0       | 0.0       | 0.0       | 0.0           | 79574.688   |
| AMERICAN BEECH  | 0.0       | 0.0       | 0.0       | 0.0           | 21394.453   |
| WHITE ASH       | 0.0       | 0.0       | 0.0       | 0.0           | 5132.027    |
| OAK             | 0.0       | 0.0       | 0.0       | 0.0           | 0.0         |
| ELM             | 0.0       | 0.0       | 0.0       | 0.0           | 0.0         |
| POPLAR          | 5993.648  | 0.0       | 2566.016  | 6845.844      | 52214.926   |
| OTHER HARDWOODS | 0.0       | 0.0       | 0.0       | 0.0           | 5141.449    |
| OTHER SPECIES   | 0.0       | 0.0       | 0.0       | 0.0           | 5132.027    |
| TOTAL           | 72237.188 | 41014.285 | 39782.668 | 113373.125    | 3042492.000 |

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BAXTER PARK INVENTORY 1979: CEDAR TYPES: CSA, CSB, CSC

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TABLE 8: BASAL AREA BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 1 INCH | 2       | 3        | 4        | 5         |
|-----------------|--------|---------|----------|----------|-----------|
| BALSAM FIR      | 0.0    | 597.142 | 1194.285 | 1194.285 | 994.999   |
| TAMARACK        | 0.0    | 0.0     | 0.0      | 0.0      | 1989.999  |
| BLACK SPRUCE    | 0.0    | 160.000 | 2629.999 | 3742.142 | 6887.137  |
| RED SPRUCE      | 0.0    | 0.0     | 0.0      | 0.0      | 0.0       |
| WHITE SPRUCE    | 0.0    | 0.0     | 0.0      | 0.0      | 0.0       |
| RED PINE        | 0.0    | 0.0     | 0.0      | 0.0      | 0.0       |
| WHITE PINE      | 0.0    | 0.0     | 0.0      | 0.0      | 0.0       |
| N. WHITE CEDAR  | 0.0    | 0.0     | 0.0      | 1989.999 | 0.0       |
| EASTERN HEMLOCK | 0.0    | 0.0     | 0.0      | 0.0      | 0.0       |
| OTHER SOFTWOODS | 0.0    | 0.0     | 0.0      | 0.0      | 0.0       |
| RED MAPLE       | 0.0    | 0.0     | 1989.999 | 0.0      | 597.142   |
| SUGAR MAPLE     | 0.0    | 0.0     | 0.0      | 0.0      | 0.0       |
| YELLOW BIRCH    | 0.0    | 0.0     | 597.142  | 0.0      | 0.0       |
| PAPER BIRCH     | 0.0    | 0.0     | 0.0      | 0.0      | 0.0       |
| AMERICAN BEECH  | 0.0    | 0.0     | 0.0      | 0.0      | 0.0       |
| WHITE ASH       | 0.0    | 0.0     | 0.0      | 0.0      | 0.0       |
| OAK             | 0.0    | 0.0     | 0.0      | 0.0      | 0.0       |
| ELM             | 0.0    | 0.0     | 0.0      | 0.0      | 0.0       |
| POPLAR          | 0.0    | 0.0     | 0.0      | 0.0      | 0.0       |
| OTHER HARDWOODS | 0.0    | 0.0     | 0.0      | 0.0      | 0.0       |
| OTHER SPECIES   | 0.0    | 0.0     | 0.0      | 1989.999 | 597.142   |
| TOTAL           | 0.0    | 757.142 | 6411.422 | 8916.418 | 11066.422 |

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BAXTER PARK INVENTORY 1979; CEDAR TYPES; CSA, CSB, CSC

TABLE 8: BASAL AREA BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 6        | 7         | 8        | 9         | 10       |
|-----------------|----------|-----------|----------|-----------|----------|
| BALSAM FIR      | 1194.285 | 0.0       | 0.0      | 597.142   | 0.0      |
| TAMARACK        | 1989.999 | 3979.999  | 1989.999 | 0.0       | 0.0      |
| BLACK SPRUCE    | 1194.285 | 1314.999  | 320.000  | 2210.713  | 917.142  |
| RED SPRUCE      | 0.0      | 0.0       | 597.142  | 597.142   | 1989.999 |
| WHITE SPRUCE    | 0.0      | 0.0       | 0.0      | 0.0       | 0.0      |
| RED PINE        | 0.0      | 0.0       | 0.0      | 0.0       | 0.0      |
| WHITE PINE      | 0.0      | 0.0       | 0.0      | 0.0       | 0.0      |
| N. WHITE CEDAR  | 1989.999 | 4101.422  | 5871.422 | 7264.277  | 4179.996 |
| EASTERN HEMLOCK | 0.0      | 0.0       | 0.0      | 0.0       | 0.0      |
| OTHER SOFTWOODS | 0.0      | 0.0       | 0.0      | 0.0       | 0.0      |
| RED MAPLE       | 0.0      | 994.999   | 994.999  | 0.0       | 0.0      |
| SUGAR MAPLE     | 0.0      | 0.0       | 0.0      | 0.0       | 0.0      |
| YELLOW BIRCH    | 994.999  | 0.0       | 0.0      | 0.0       | 0.0      |
| PAPER BIRCH     | 0.0      | 0.0       | 0.0      | 0.0       | 0.0      |
| AMERICAN BEECH  | 0.0      | 0.0       | 0.0      | 0.0       | 0.0      |
| WHITE ASH       | 0.0      | 0.0       | 0.0      | 0.0       | 0.0      |
| OAK             | 0.0      | 0.0       | 0.0      | 0.0       | 0.0      |
| ELM             | 0.0      | 0.0       | 0.0      | 0.0       | 0.0      |
| POPULAR         | 0.0      | 0.0       | 0.0      | 0.0       | 0.0      |
| OTHER HARDWOODS | 0.0      | 0.0       | 0.0      | 0.0       | 0.0      |
| OTHER SPECIES   | 0.0      | 0.0       | 0.0      | 0.0       | 0.0      |
| TOTAL           | 7363.563 | 10391.418 | 9773.559 | 10669.273 | 7087.129 |

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BAXTER PARK INVENTORY 1979; CEDAR TYPES: CSA, CSB, CSC

TABLE 8: BASAL AREA BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 11       | 12       | 13       | 14       | 15       |
|-----------------|----------|----------|----------|----------|----------|
| BALSAM FIR      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| TAMARACK        | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| BLACK SPRUCE    | 917.142  | 0.0      | 0.0      | 0.0      | 0.0      |
| RED SPRUCE      | 1989.999 | 0.0      | 0.0      | 0.0      | 0.0      |
| WHITE SPRUCE    | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| RED PINE        | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| WHITE PINE      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| N. WHITE CEDAR  | 1194.285 | 3184.285 | 2985.714 | 597.142  | 1592.141 |
| EASTERN HEMLOCK | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| OTHER SOFTWOODS | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| RED MAPLE       | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| SUGAR MAPLE     | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| YELLOW BIRCH    | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| PAPER BIRCH     | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| AMERICAN BEECH  | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| WHITE ASH       | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| OAK             | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| ELM             | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| POPLAR          | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| OTHER HARDWOODS | 0.0      | 0.0      | 0.0      | 597.142  | 0.0      |
| OTHER SPECIES   | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| TOTAL           | 4101.422 | 3184.285 | 2985.714 | 1194.285 | 1592.141 |

## BAXTER PARK INVENTORY 1979; CEDAR TYPES: CSA, CSB, CSC

TABLE 8: BASAL AREA BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 16       | 17  | 18       | 19 AND LARGER | TOTAL     |
|-----------------|----------|-----|----------|---------------|-----------|
| BALSAM FIR      | 0.0      | 0.0 | 0.0      | 0.0           | 5772.129  |
| TAMARACK        | 0.0      | 0.0 | 0.0      | 597.142       | 10547.129 |
| BLACK SPRUCE    | 0.0      | 0.0 | 0.0      | 0.0           | 20293.547 |
| RED SPRUCE      | 0.0      | 0.0 | 0.0      | 0.0           | 5174.277  |
| WHITE SPRUCE    | 0.0      | 0.0 | 0.0      | 0.0           | 0.0       |
| RED PINE        | 0.0      | 0.0 | 0.0      | 0.0           | 0.0       |
| WHITE PINE      | 0.0      | 0.0 | 0.0      | 0.0           | 0.0       |
| N. WHITE CEDAR  | 1592.141 | 0.0 | 1194.285 | 0.0           | 37737.117 |
| EASTERN HEMLOCK | 0.0      | 0.0 | 0.0      | 0.0           | 0.0       |
| OTHER SOFTWOODS | 0.0      | 0.0 | 0.0      | 0.0           | 0.0       |
| RED MAPLE       | 0.0      | 0.0 | 0.0      | 0.0           | 4577.137  |
| SUGAR MAPLE     | 0.0      | 0.0 | 0.0      | 0.0           | 0.0       |
| YELLOW BIRCH    | 0.0      | 0.0 | 0.0      | 0.0           | 0.0       |
| PAPER BIRCH     | 0.0      | 0.0 | 0.0      | 0.0           | 1592.141  |
| AMERICAN BEECH  | 0.0      | 0.0 | 0.0      | 0.0           | 0.0       |
| WHITE ASH       | 0.0      | 0.0 | 0.0      | 0.0           | 0.0       |
| OAK             | 0.0      | 0.0 | 0.0      | 0.0           | 0.0       |
| ELM             | 0.0      | 0.0 | 0.0      | 0.0           | 0.0       |
| POPLAR          | 0.0      | 0.0 | 0.0      | 0.0           | 0.0       |
| OTHER HARDWOODS | 0.0      | 0.0 | 0.0      | 0.0           | 3184.285  |
| OTHER SPECIES   | 0.0      | 0.0 | 0.0      | 0.0           | 0.0       |
| TOTAL           | 1592.141 | 0.0 | 1194.285 | 597.142       | 88877.750 |

BAXTOR INVENTORY 1979; TYPE MIXED; M4, M3, M2

TABLE 8: BASAL AREA BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 1 INCH | 2        | 3 | 4         | 5         |
|-----------------|--------|----------|---|-----------|-----------|
| BALSAM FIR      | 0.0    | 5179.129 |   | 4680.121  | 10358.254 |
| TAMARACK        | 0.0    | 0.0      |   | 0.0       | 0.0       |
| BLACK SPRUCE    | 0.0    | 0.0      |   | 0.0       | 0.0       |
| RED SPRUCE      | 0.0    | 2433.488 |   | 2128.992  | 8423.773  |
| WHITE SPRUCE    | 0.0    | 0.0      |   | 2433.488  | 3556.808  |
| RED PINE        | 0.0    | 0.0      |   | 0.0       | 0.0       |
| WHITE PINE      | 0.0    | 0.0      |   | 0.0       | 0.0       |
| N. WHITE CEDAR  | 0.0    | 0.0      |   | 0.0       | 0.0       |
| EASTERN HEMLOCK | 0.0    | 0.0      |   | 0.0       | 0.0       |
| OTHER SOFTWOODS | 0.0    | 0.0      |   | 0.0       | 0.0       |
| RED MAPLE       | 0.0    | 1934.482 |   | 8989.258  | 13231.926 |
| SUGAR MAPLE     | 0.0    | 0.0      |   | 0.0       | 1934.482  |
| YELLOW BIRCH    | 0.0    | 0.0      |   | 0.0       | 0.0       |
| PAPER BIRCH     | 0.0    | 0.0      |   | 0.0       | 3654.062  |
| AMERICAN BEECH  | 0.0    | 0.0      |   | 1934.482  | 0.0       |
| WHITE ASH       | 0.0    | 0.0      |   | 0.0       | 0.0       |
| OAK             | 0.0    | 0.0      |   | 0.0       | 0.0       |
| ELM             | 0.0    | 0.0      |   | 0.0       | 0.0       |
| POPLAR          | 0.0    | 0.0      |   | 0.0       | 0.0       |
| OTHER HARDWOODS | 0.0    | 0.0      |   | 0.0       | 5491.281  |
| OTHER SPECIES   | 0.0    | 0.0      |   | 3556.808  | 4874.629  |
| TOTAL           | 0.0    | 9547.090 |   | 23723.164 | 51525.258 |

BAXTOR INVENTORY 1979; TYPE MIXED; 44, M3, M2

TABLE 8: BASAL AREA BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 6         | 7         | 8         | 9         | 10        |
|-----------------|-----------|-----------|-----------|-----------|-----------|
| BALSAM FIR      | 26988.207 | 13915.063 | 15350.543 | 25583.500 | 8735.926  |
| TAMARACK        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| BLACK SPRUCE    | 1934.482  | 0.0       | 0.0       | 0.0       | 1934.482  |
| RED SPRUCE      | 18938.117 | 22807.086 | 32384.961 | 19219.512 | 15350.543 |
| WHITE SPRUCE    | 1622.325  | 1934.482  | 811.162   | 1934.482  | 0.0       |
| RED PINE        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| WHITE PINE      | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| N. WHITE CEDAR  | 0.0       | 0.0       | 0.0       | 811.162   | 3244.651  |
| EASTERN HEMLOCK | 0.0       | 1622.325  | 1622.325  | 3868.963  | 3556.808  |
| OTHER SOFTWOODS | 0.0       | 0.0       | 0.0       | 1934.482  | 0.0       |
| RED MAPLE       | 12479.586 | 0.0       | 0.0       | 0.0       | 0.0       |
| SUGAR MAPLE     | 0.0       | 12292.742 | 10112.586 | 7113.609  | 2187.815  |
| YELLOW BIRCH    | 1622.325  | 3556.808  | 1622.325  | 0.0       | 0.0       |
| PAPER BIRCH     | 4004.650  | 1934.482  | 0.0       | 0.0       | 3868.963  |
| AMERICAN BEECH  | 0.0       | 5931.465  | 8022.020  | 4367.965  | 3556.808  |
| WHITE ASH       | 1934.482  | 0.0       | 1934.482  | 0.0       | 0.0       |
| OAK             | 0.0       | 0.0       | 0.0       | 0.0       | 1934.482  |
| ELM             | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| POPLAR          | 11980.582 | 0.0       | 0.0       | 0.0       | 0.0       |
| OTHER HARDWOODS | 1064.496  | 10670.414 | 13290.750 | 25583.500 | 18283.035 |
| OTHER SPECIES   | 967.241   | 2187.815  | 3758.978  | 253.333   | 506.666   |
| TOTAL           | 83536.438 | 76852.625 | 88910.125 | 90670.438 | 63160.215 |

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BAXTOR INVENTORY 1979; TYPE MIXED; M4, M3, M2

TABLE 8: BASAL AREA BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 11        | 12        | 13        | 14        | 15        |
|-----------------|-----------|-----------|-----------|-----------|-----------|
| BALSAM FIR      |           |           | 5491.281  | 1934.482  | 0.0       |
| TAMARACK        | 11169.418 | 0.0       | 0.0       | 0.0       | 0.0       |
| BLACK SPRUCE    | 0.0       | 1622.325  | 0.0       | 1622.325  | 0.0       |
| RED SPRUCE      | 12292.742 | 10358.254 | 8735.926  | 5647.359  | 1622.325  |
| WHITE SPRUCE    | 5179.129  | 2745.645  | 1934.482  | 0.0       | 4367.965  |
| PED PINE        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| WHITE PINE      | 967.241   | 1622.325  | 1622.325  | 811.162   | 0.0       |
| N. WHITE CEDAR  | 0.0       | 0.0       | 0.0       | 1622.325  | 0.0       |
| EASTERN HEMLOCK | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| OTHER SOFTWOODS | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| RED MAPLE       | 1934.482  | 0.0       | 0.0       | 0.0       | 1934.482  |
| SUGAR MAPLE     | 3556.808  | 0.0       | 0.0       | 3868.963  | 0.0       |
| YELLOW BIRCH    | 0.0       | 0.0       | 1934.482  | 1934.482  | 3868.963  |
| PAPER BIRCH     | 1934.482  | 5179.129  | 0.0       | 0.0       | 0.0       |
| AMERICAN BEECH  | 3868.963  | 0.0       | 0.0       | 811.162   | 0.0       |
| WHITE ASH       | 0.0       | 0.0       | 0.0       | 4836.199  | 2901.722  |
| OAK             | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| ELM             | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| POPLAR          | 18283.035 | 17658.719 | 4866.969  | 0.0       | 0.0       |
| OTHER HARDWOODS | 253.333   | 760.000   | 0.0       | 10358.254 | 5990.289  |
| OTHER SPECIES   | 0.0       | 0.0       | 0.0       | 811.162   | 0.0       |
| TOTAL           | 59439.660 | 45437.711 | 21028.680 | 36192.387 | 20685.758 |

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BAXTOR INVENTORY 1979: TYPE MIXED; M4, M3, M2

TABLE 8: BASAL AREA BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                  | 16        | 17        | 18       | 19 AND LARGER | TOTAL      |
|------------------|-----------|-----------|----------|---------------|------------|
| BALSAM FIR       | 0.0       | 0.0       | 0.0      | 0.0           | 144490.750 |
| TAMARACK         | 0.0       | 0.0       | 0.0      | 0.0           | 0.0        |
| BLACK SPRUCE     | 0.0       | 0.0       | 0.0      | 0.0           | 10670.414  |
| RED SPRUCE       | 4055.812  | 1622.325  | 1622.325 | 1622.325      | 185368.688 |
| WHITE SPRUCE     | 3868.963  | 0.0       | 0.0      | 0.0           | 26527.629  |
| RED PINE         | 0.0       | 0.0       | 0.0      | 0.0           | 0.0        |
| WHITE PINE       | 1622.325  | 1934.482  | 1934.482 | 7113.609      | 19749.291  |
| N. WHITE CEDAR   | 0.0       | 1622.325  | 1622.325 | 14851.539     | 28766.609  |
| EASTERN HEMLOCK  | 1934.482  | 0.0       | 0.0      | 4836.199      | 10639.648  |
| OTHER, SOFTWOODS | 0.0       | 0.0       | 0.0      | 0.0           | 0.0        |
| RED MAPLE        | 0.0       | 967.241   | 967.241  | 2901.722      | 104222.188 |
| SUGAR MAPLE      | 1934.482  | 0.0       | 0.0      | 0.0           | 16473.859  |
| YELLOW BIRCH     | 0.0       | 3556.808  | 3556.808 | 0.0           | 14851.539  |
| PAPER BIRCH      | 0.0       | 0.0       | 0.0      | 0.0           | 38272.934  |
| AMERICAN BEECH   | 0.0       | 0.0       | 0.0      | 0.0           | 15475.855  |
| WHITE ASH        | 1934.482  | 0.0       | 0.0      | 0.0           | 5803.441   |
| OAK              | 0.0       | 0.0       | 0.0      | 0.0           | 0.0        |
| ELM              | 0.0       | 0.0       | 0.0      | 0.0           | 0.0        |
| POPLAR           | 811.162   | 1622.325  | 1622.325 | 1622.325      | 146512.625 |
| OTHER HARDWOODS  | 0.0       | 0.0       | 0.0      | 0.0           | 16346.070  |
| OTHER SPECIES    | 0.0       | 0.0       | 0.0      | 0.0           | 9956.504   |
| TOTAL            | 16161.707 | 11325.500 | 9859.254 | 32947.734     | 794128.625 |

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RAXTER PARK INVENTORY 1979: HARDWOOD TYPE: H4, H3, H2

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TABLE 8: BASAL AREA BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 1 INCH | 2       | 3        | 4         | 5        |
|-----------------|--------|---------|----------|-----------|----------|
| RALSAM FIR      | 0.0    | 303.636 |          | 0.0       | 303.636  |
| TAMARACK        | 0.0    | 0.0     |          | 0.0       | 0.0      |
| BLACK SPRUCE    | 0.0    | 0.0     |          | 0.0       | 0.0      |
| RED SPRUCE      | 0.0    | 0.0     | 1356.576 | 830.106   | 643.636  |
| WHITE SPRUCE    | 0.0    | 0.0     | 473.636  | 680.000   | 303.636  |
| RED PINE        | 0.0    | 0.0     | 0.0      | 0.0       | 0.0      |
| WHITE PINE      | 0.0    | 526.470 |          | 526.470   | 526.470  |
| N. WHITE CEDAR  | 0.0    | 0.0     |          | 0.0       | 0.0      |
| EASTERN HEMLOCK | 0.0    | 0.0     |          | 0.0       | 0.0      |
| OTHER SOFTWOODS | 0.0    | 0.0     |          | 0.0       | 0.0      |
| RED MAPLE       | 0.0    | 0.0     | 3462.458 | 5738.332  | 3784.277 |
| SUGAR MAPLE     | 0.0    | 0.0     |          | 0.0       | 0.0      |
| YELLOW BIRCH    | 0.0    | 0.0     |          | 0.0       | 0.0      |
| PAPER BIRCH     | 0.0    | 0.0     | 1036.470 | 4533.574  | 340.000  |
| AMERICAN BEECH  | 0.0    | 0.0     | 1052.940 | 2632.352  | 2394.758 |
| WHITE ASH       | 0.0    | 0.0     |          | 0.0       | 0.0      |
| OAK             | 0.0    | 0.0     |          | 0.0       | 0.0      |
| ELM             | 0.0    | 0.0     |          | 0.0       | 0.0      |
| POPLAR          | 0.0    | 0.0     |          | 0.0       | 0.0      |
| OTHER HARDWOODS | 0.0    | 0.0     | 1052.940 | 866.470   | 848.288  |
| OTHER SPECIES   | 0.0    | 0.0     |          | 1052.940  | 0.0      |
| TOTAL           | 0.0    | 830.106 | 8961.488 | 17200.254 | 9144.699 |

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BAXTER PARK INVENTORY 1979; HARDWOOD TYPE: H4, H3, H2

TABLE 8: BASAL AREA BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 6         | 7         | 8         | 9         | 10        |
|-----------------|-----------|-----------|-----------|-----------|-----------|
| BALSAM FIR      | 303.636   | 303.636   | 1052.940  | 661.818   | 303.636   |
| TAMARACK        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| BLACK SPRUCE    | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| RED SPRUCE      | 0.0       | 1052.940  | 1696.576  | 526.470   | 0.0       |
| WHITE SPRUCE    | 0.0       | 0.0       | 526.470   | 0.0       | 0.0       |
| RED PINE        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| WHITE PINE      | 0.0       | 526.470   | 0.0       | 151.818   | 0.0       |
| N. WHITE CEDAR  | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| EASTERN HEMLOCK | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| OTHER SOFTWOODS | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| RED MAPLE       | 5292.664  | 2597.699  | 643.636   | 491.818   | 1696.576  |
| SUGAR MAPLE     | 0.0       | 0.0       | 1660.212  | 0.0       | 2105.881  |
| YELLOW BIRCH    | 340.000   | 0.0       | 0.0       | 0.0       | 0.0       |
| PAPER BIRCH     | 3002.031  | 2188.394  | 1609.090  | 2901.336  | 2303.849  |
| AMERICAN BEECH  | 303.636   | 340.000   | 0.0       | 0.0       | 1052.940  |
| WHITE ASH       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| OAK             | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| ELM             | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| POPLAR          | 2105.881  | 3668.823  | 3954.277  | 5480.848  | 3544.971  |
| OTHER HARDWOODS | 0.0       | 151.818   | 0.0       | 0.0       | 0.0       |
| OTHER SPECIES   | 303.636   | 526.470   | 0.0       | 170.000   | 0.0       |
| TOTAL           | 11651.488 | 11356.250 | 11143.203 | 10384.113 | 11007.852 |

TABLE 8: BASAL AREA BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 11       | 12       | 13       | 14       | 15       |
|-----------------|----------|----------|----------|----------|----------|
| RAISAM FIR      | 0.0      | 303.636  | 0.0      | 0.0      | 0.0      |
| TAMARACK        | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| BLACK SPRUCE    | 0.0      | 0.0      | 0.0      | 303.636  | 0.0      |
| RED SPRUCE      | 0.0      | 2105.881 | 0.0      | 0.0      | 0.0      |
| WHITE SPRUCE    | 526.470  | 0.0      | 0.0      | 0.0      | 0.0      |
| RED PINE        | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| WHITE PINE      | 526.470  | 0.0      | 0.0      | 0.0      | 0.0      |
| N. WHITE CEDAR  | 0.0      | 0.0      | 0.0      | 170.000  | 0.0      |
| EASTERN HEMLOCK | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| OTHER SOFTWOODS | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| RED MAPLE       | 1052.940 | 0.0      | 0.0      | 0.0      | 0.0      |
| SUGAR MAPLE     | 0.0      | 3158.822 | 1052.940 | 1052.940 | 1052.940 |
| YELLOW BIRCH    | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| PAPER BIRCH     | 151.818  | 303.636  | 321.818  | 0.0      | 0.0      |
| AMERICAN BEECH  | 0.0      | 0.0      | 303.636  | 303.636  | 0.0      |
| WHITE ASH       | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| OAK             | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| ELM             | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| POPLAR          | 795.454  | 2223.047 | 3124.170 | 0.0      | 0.0      |
| OTHER HARDWOODS | 0.0      | 0.0      | 0.0      | 473.636  | 1356.576 |
| OTHER SPECIES   | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| TOTAL           | 3053.153 | 8095.020 | 4802.559 | 2303.849 | 2409.517 |

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BAXTER PARK INVENTORY 1979; HARDWOOD TYPE; H4, H3, H2

TABLE 8: BASAL AREA BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 16      | 17       | 18       | 19 AND LARGER | TOTAL      |
|-----------------|---------|----------|----------|---------------|------------|
| BALSAM FIR      | 0.0     | 0.0      | 0.0      | 0.0           | 3536.576   |
| TAMARACK        | 0.0     | 0.0      | 0.0      | 0.0           | 0.0        |
| BLACK SPRUCE    | 0.0     | 0.0      | 0.0      | 0.0           | 303.636    |
| RED SPRUCE      | 0.0     | 0.0      | 0.0      | 0.0           | 8212.184   |
| WHITE SPRUCE    | 0.0     | 0.0      | 0.0      | 0.0           | 2510.212   |
| RED PINE        | 0.0     | 1052.940 | 0.0      | 0.0           | 1052.940   |
| WHITE PINE      | 0.0     | 0.0      | 0.0      | 0.0           | 3310.640   |
| N. WHITE CEDAR  | 0.0     | 0.0      | 0.0      | 0.0           | 170.000    |
| EASTERN HEMLOCK | 0.0     | 0.0      | 0.0      | 0.0           | 0.0        |
| OTHER SOFTWOODS | 0.0     | 0.0      | 0.0      | 0.0           | 0.0        |
| RED MAPLE       | 0.0     | 0.0      | 340.000  | 0.0           | 25100.398  |
| SUGAR MAPLE     | 0.0     | 1356.576 | 340.000  | 1963.849      | 13744.164  |
| YELLOW BIRCH    | 0.0     | 0.0      | 0.0      | 0.0           | 680.000    |
| PAPER BIRCH     | 0.0     | 0.0      | 0.0      | 0.0           | 20746.781  |
| AMERICAN BEECH  | 0.0     | 0.0      | 0.0      | 0.0           | 5989.137   |
| WHITE ASH       | 0.0     | 0.0      | 303.636  | 0.0           | 303.636    |
| OAK             | 0.0     | 0.0      | 0.0      | 0.0           | 0.0        |
| ELM             | 0.0     | 0.0      | 0.0      | 0.0           | 0.0        |
| POPLAR          | 151.818 | 303.636  | 1052.940 | 2257.699      | 32208.539  |
| OTHER HARDWOODS | 0.0     | 0.0      | 0.0      | 0.0           | 2257.699   |
| OTHER SPECIES   | 0.0     | 0.0      | 0.0      | 0.0           | 1340.106   |
| TOTAL           | 151.818 | 2713.154 | 2036.576 | 4221.543      | 121466.625 |

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BAXTER STATE PARK INVENTORY 1979: SOFTWOOD TYPE; S4, S3, S2

TABLE 9: MERCHANTABLE VOL. (CU.FT.) BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 6           | 7           | 8           | 9           | 10          |
|-----------------|-------------|-------------|-------------|-------------|-------------|
| BALSAM FIR      | 1010550.625 | 1348574.000 | 1779487.000 | 1261885.000 | 842621.813  |
| TAMARACK        | 8174.594    | 75662.688   | 8160.441    | 35178.801   | 34664.820   |
| BLACK SPRUCE    | 0.0         | 0.0         | 114968.938  | 32006.336   | 69240.250   |
| RED SPRUCE      | 864777.688  | 1916381.000 | 1705217.000 | 1219775.000 | 1883672.000 |
| WHITE SPRUCE    | 17457.305   | 60713.320   | 30154.379   | 36670.109   | 50433.211   |
| RED PINE        | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
| WHITE PINE      | 0.0         | 17689.902   | 27988.313   | 69210.625   | 34479.613   |
| N. WHITE CEDAR  | 66195.000   | 149763.125  | 130787.063  | 272573.438  | 210174.813  |
| EASTERN HEMLOCK | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
| OTHER SOFTWOODS | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
| RED MAPLE       | 50616.836   | 141664.375  | 240258.188  | 194002.125  | 293997.625  |
| SUGAR MAPLE     | 0.0         | 0.0         | 20488.457   | 0.0         | 0.0         |
| YELLOW BIRCH    | 7671.668    | 66928.563   | 27168.539   | 94054.000   | 49243.887   |
| PAPER BIRCH     | 49067.336   | 95291.750   | 89237.875   | 33854.109   | 81145.250   |
| AMERICAN BEECH  | 0.0         | 0.0         | 60339.566   | 0.0         | 0.0         |
| WHITE ASH       | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
| OAK             | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
| ELM             | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
| POPLAR          | 23707.930   | 14000.070   | 23390.914   | 33334.840   | 10210.152   |
| OTHER HARDWOODS | 0.0         | 0.0         | 0.0         | 11638.199   | 0.0         |
| OTHER SPECIES   | 13068.992   | 0.0         | 0.0         | 22234.570   | 0.0         |
| TOTAL           | 2111282.000 | 3886664.000 | 4257644.000 | 3316413.000 | 3559877.000 |

BAXTER STATE PARK INVENTORY 1979: SOFTWOOD TYPE: S4, S3, S2

TABLE 9: MERCHANTABLE VOL. (CU. FT.) BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 11          | 12          | 13          | 14          | 15         |
|-----------------|-------------|-------------|-------------|-------------|------------|
| BALSAM FIR      | 844626.938  | 410767.313  | 56892.391   | 63322.070   | 39190.578  |
| TAMARACK        | 18859.336   | 0.0         | 21216.484   | 16500.289   | 0.0        |
| BLACK SPRUCE    | 22545.266   | 0.0         | 34459.195   | 0.0         | 0.0        |
| RED SPRUCE      | 1317774.000 | 827070.938  | 1303236.000 | 622718.750  | 179107.000 |
| WHITE SPRUCE    | 84338.250   | 54628.906   | 0.0         | 36526.324   | 59839.570  |
| RED PINE        | 0.0         | 0.0         | 0.0         | 0.0         | 0.0        |
| WHITE PINE      | 106293.625  | 73134.938   | 28716.047   | 15602.777   | 134993.875 |
| N. WHITE CEDAR  | 314388.125  | 137703.688  | 213428.500  | 319387.875  | 137983.188 |
| EASTERN HEMLOCK | 0.0         | 0.0         | 27099.844   | 29495.965   | 31741.191  |
| OTHER SOFTWOODS | 0.0         | 0.0         | 0.0         | 0.0         | 0.0        |
| RED MAPLE       | 277655.500  | 68133.875   | 197572.563  | 53580.305   | 0.0        |
| SUGAR MAPLE     | 0.0         | 0.0         | 71123.625   | 0.0         | 0.0        |
| YELLOW BIRCH    | 137896.938  | 73037.125   | 0.0         | 8451.625    | 0.0        |
| PAPER BIRCH     | 181868.188  | 0.0         | 64291.176   | 33411.348   | 28044.754  |
| AMERICAN BEECH  | 22107.461   | 28761.672   | 13101.016   | 0.0         | 40764.324  |
| WHITE ASH       | 0.0         | 0.0         | 77561.875   | 0.0         | 0.0        |
| PAK             | 0.0         | 0.0         | 0.0         | 0.0         | 0.0        |
| ELM             | 0.0         | 0.0         | 0.0         | 0.0         | 0.0        |
| POPLAR          | 49460.512   | 24881.613   | 11668.020   | 36707.223   | 17224.703  |
| OTHER HARDWOODS | 0.0         | 16346.758   | 0.0         | 0.0         | 0.0        |
| OTHER SPECIES   | 0.0         | 0.0         | 0.0         | 0.0         | 0.0        |
| TOTAL           | 3377809.000 | 1714462.000 | 2120363.000 | 1235701.000 | 68889.500  |

TABLE 9: MERCHANTABLE VOL. (CU.FT.) BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 16          | 17         | 18         | 19 AND LARGER | TOTAL        |
|-----------------|-------------|------------|------------|---------------|--------------|
| BALSAM FIR      | 26341.633   | 0.0        | 0.0        | 0.0           | 7697864.000  |
| TAMARACK        | 0.0         | 0.0        | 0.0        | 0.0           | 218417.500   |
| BLACK SPRUCE    | 0.0         | 0.0        | 0.0        | 0.0           | 273220.063   |
| RED SPRUCE      | 593312.375  | 339686.375 | 217570.313 | 516726.063    | 13506931.000 |
| WHITE SPRUCE    | 12728.820   | 0.0        | 100506.500 | 72230.688     | 616226.875   |
| RED PINE        | 0.0         | 0.0        | 0.0        | 10228.898     | 10228.898    |
| WHITE PINE      | 149341.750  | 11283.590  | 95199.125  | 1000700.688   | 1764632.000  |
| N. WHITE CEDAR  | 97889.688   | 125610.313 | 57900.711  | 139316.188    | 2373094.000  |
| EASTERN HEMLOCK | 31874.453   | 0.0        | 0.0        | 38857.824     | 159069.250   |
| OTHER SOFTWOODS | 0.0         | 0.0        | 0.0        | 0.0           | 0.0          |
| RED MAPLE       | 120350.500  | 66694.500  | 57716.996  | 105381.000    | 1867618.000  |
| SUGAR MAPLE     | 0.0         | 0.0        | 0.0        | 21821.625     | 113433.750   |
| YELLOW BIRCH    | 0.0         | 51843.938  | 18054.105  | 83972.000     | 618322.563   |
| PAPER BIRCH     | 0.0         | 0.0        | 0.0        | 0.0           | 656212.063   |
| AMERICAN BEECH  | 0.0         | 0.0        | 0.0        | 0.0           | 165074.000   |
| WHITE ASH       | 0.0         | 0.0        | 0.0        | 0.0           | 77561.875    |
| DAK             | 0.0         | 0.0        | 0.0        | 0.0           | 0.0          |
| ELM             | 0.0         | 0.0        | 0.0        | 0.0           | 0.0          |
| POPLAR          | 61218.879   | 0.0        | 25820.738  | 57036.859     | 388662.125   |
| OTHER HARDWOODS | 0.0         | 0.0        | 0.0        | 0.0           | 27984.941    |
| OTHER SPECIES   | 0.0         | 0.0        | 0.0        | 0.0           | 35303.551    |
| TOTAL           | 1093056.000 | 595118.813 | 586374.125 | 2046268.000   | 30569696.000 |

BAXTER PARK INVENTORY 1979; CEDAR TYPES; CSA, CSB, CSC

TABLE 9: MERCHANTABLE VOL. (CU.FT.) BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 6         | 7         | 8         | 9         | 10        |
|-----------------|-----------|-----------|-----------|-----------|-----------|
| BALSAM FIR      | 0.0       | 0.0       | 0.0       | 17991.617 | 6911.191  |
| TAMARACK        | 19611.391 | 32512.367 | 0.0       | 0.0       | 0.0       |
| BLACK SPRUCE    | 14820.449 | 11968.457 | 2968.759  | 33840.219 | 7947.906  |
| RED SPRUCE      | 0.0       | 0.0       | 7946.512  | 7069.156  | 27145.145 |
| WHITE SPRUCE    | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| RED PINE        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| WHITE PINE      | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| N. WHITE CEDAR  | 0.0       | 35956.293 | 35376.766 | 49996.270 | 35208.246 |
| EASTERN HEMLOCK | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| OTHER SOFTWOODS | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| RED MAPLE       | 0.0       | 7038.383  | 9729.855  | 0.0       | 0.0       |
| SUGAR MAPLE     | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| YELLOW BIRCH    | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| PAPER BIRCH     | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| AMERICAN BEECH  | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| WHITE ASH       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| OAK             | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| ELM             | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| POPLAR          | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| OTHER HARDWOODS | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| OTHER SPECIES   | 0.0       | 0.0       | 0.0       | 0.0       | 0.0       |
| TOTAL           | 34431.844 | 87475.375 | 74013.438 | 97816.688 | 70301.188 |

BAXTER PARK INVENTORY 1979; CEDAR TYPES; CSA, CSB, CSC

TABLE 9: MERCHANTABLE VOL. (CU. FT.) BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 11        | 12        | 13        | 14       | 15        |
|-----------------|-----------|-----------|-----------|----------|-----------|
| BALSAM FIR      | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| TAMARACK        | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| BLACK SPRUCE    | 11580.652 | 0.0       | 0.0       | 0.0      | 0.0       |
| RED SPRUCE      | 15355.168 | 0.0       | 0.0       | 0.0      | 0.0       |
| WHITE SPRUCE    | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| RED PINE        | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| WHITE PINE      | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| N. WHITE CEDAR  | 14157.348 | 31873.727 | 29156.188 | 6144.684 | 16620.762 |
| EASTERN HEMLOCK | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| OTHER SOFTWOODS | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| RED MAPLE       | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| SUGAR MAPLE     | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| YELLOW BIRCH    | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| PAPER BIRCH     | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| AMERICAN BEECH  | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| WHITE ASH       | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| OAK             | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| ELM             | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| POPLAR          | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| OTHER HARDWOODS | 0.0       | 0.0       | 0.0       | 3800.887 | 0.0       |
| OTHER SPECIES   | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| TOTAL           | 41093.184 | 31873.727 | 29156.188 | 9945.570 | 16620.762 |

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BAXTER PARK INVENTORY 1979: CEDAR TYPES: CSA, CSB, CSC

TABLE 9: MERCHANTABLE VOL. (CU.FT.) BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 16        | 17  | 18        | 19 AND LARGER | TOTAL      |
|-----------------|-----------|-----|-----------|---------------|------------|
| BALSAM FIR      | 0.0       | 0.0 | 0.0       | 0.0           | 6911.191   |
| TAMARACK        | 0.0       | 0.0 | 0.0       | 9914.840      | 80030.125  |
| BLACK SPRUCE    | 0.0       | 0.0 | 0.0       | 0.0           | 83126.375  |
| RED SPRUCE      | 0.0       | 0.0 | 0.0       | 0.0           | 57516.008  |
| WHITE SPRUCE    | 0.0       | 0.0 | 0.0       | 0.0           | 0.0        |
| RED PINE        | 0.0       | 0.0 | 0.0       | 0.0           | 0.0        |
| WHITE PINE      | 0.0       | 0.0 | 0.0       | 0.0           | 0.0        |
| N. WHITE CEDAR  | 20905.793 |     | 13398.496 | 0.0           | 288794.063 |
| EASTERN HEMLOCK | 0.0       | 0.0 | 0.0       | 0.0           | 0.0        |
| OTHER SOFTWOODS | 0.0       | 0.0 | 0.0       | 0.0           | 0.0        |
| RED MAPLE       | 0.0       | 0.0 | 0.0       | 0.0           | 16768.246  |
| SUGAR MAPLE     | 0.0       | 0.0 | 0.0       | 0.0           | 0.0        |
| YELLOW BIRCH    | 0.0       | 0.0 | 0.0       | 0.0           | 0.0        |
| PAPER BIRCH     | 0.0       | 0.0 | 0.0       | 0.0           | 0.0        |
| AMERICAN BEECH  | 0.0       | 0.0 | 0.0       | 0.0           | 0.0        |
| WHITE ASH       | 0.0       | 0.0 | 0.0       | 0.0           | 0.0        |
| OAK             | 0.0       | 0.0 | 0.0       | 0.0           | 0.0        |
| ELM             | 0.0       | 0.0 | 0.0       | 0.0           | 0.0        |
| POPLAR          | 0.0       | 0.0 | 0.0       | 0.0           | 0.0        |
| OTHER HARDWOODS | 0.0       | 0.0 | 0.0       | 0.0           | 3800.887   |
| OTHER SPECIES   | 0.0       | 0.0 | 0.0       | 0.0           | 0.0        |
| TOTAL           | 20905.793 |     | 13398.496 | 9914.840      | 536947.250 |

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TABLE 9: MERCHANTABLE VOL. (CU.FT.) BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 6          | 7          | 8          | 9           | 10         |
|-----------------|------------|------------|------------|-------------|------------|
| BALSAM FIR      | 132362.750 | 162335.813 | 220280.313 | 329837.813  | 109625.375 |
| TAMARACK        | 0.0        | 0.0        | 0.0        | 0.0         | 0.0        |
| BLACK SPRUCE    | 18454.262  | 0.0        | 0.0        | 0.0         | 22158.941  |
| RED SPRUCE      | 95558.875  | 246658.688 | 400983.313 | 247065.750  | 217180.375 |
| WHITE SPRUCE    | 15987.969  | 20526.078  | 15483.297  | 22901.008   | 0.0        |
| RED PINE        | 0.0        | 0.0        | 0.0        | 0.0         | 0.0        |
| WHITE PINE      | 0.0        | 0.0        | 0.0        | 8234.070    | 44953.504  |
| N. WHITE CEDAR  | 0.0        | 11475.934  | 20067.879  | 56936.449   | 22873.129  |
| EASTERN HEMLOCK | 0.0        | 0.0        | 0.0        | 20070.770   | 0.0        |
| OTHER SOFTWOODS | 0.0        | 0.0        | 0.0        | 0.0         | 0.0        |
| RED MAPLE       | 46367.367  | 89612.125  | 85751.250  | 62516.613   | 12306.590  |
| SUGAR MAPLE     | 0.0        | 42665.457  | 12953.520  | 0.0         | 0.0        |
| YELLOW BIRCH    | 15987.969  | 13311.719  | 0.0        | 0.0         | 33860.336  |
| PAPER BIRCH     | 14988.980  | 61450.027  | 73731.438  | 40726.715   | 30740.219  |
| AMERICAN BEECH  | 0.0        | 0.0        | 15080.387  | 0.0         | 0.0        |
| WHITE ASH       | 9532.137   | 0.0        | 0.0        | 0.0         | 16396.570  |
| OAK             | 0.0        | 0.0        | 0.0        | 0.0         | 0.0        |
| ELM             | 0.0        | 0.0        | 0.0        | 0.0         | 0.0        |
| POPLAR          | 76210.188  | 86560.313  | 108450.125 | 230545.813  | 193249.188 |
| OTHER HARDWOODS | 3869.097   | 9413.906   | 24233.676  | 1928.681    | 3830.259   |
| OTHER SPECIES   | 0.0        | 0.0        | 0.0        | 0.0         | 0.0        |
| TOTAL           | 429319.875 | 744009.563 | 977014.250 | 1020761.750 | 707174.688 |

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BAXTOR INVENTORY 1979; TYPE MIXED; M4, M3, M2

TABLE 9: MERCHANTABLE VOL. (CU.FT.) BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 11         | 12         | 13         | 14         | 15         |
|-----------------|------------|------------|------------|------------|------------|
| BAL SAM FIR     | 136131.000 | 94293.938  | 27708.508  | 29192.637  | 0.0        |
| TAMARACK        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| BLACK SPRUCE    | 0.0        | 21983.438  | 0.0        | 22849.832  | 23174.371  |
| RED SPRUCE      | 200342.875 | 186702.938 | 151375.938 | 106019.750 | 87257.938  |
| WHITE SPRUCE    | 93699.875  | 52509.953  | 41975.195  | 0.0        | 0.0        |
| RED PINE        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| WHITE PINE      | 10448.762  | 17383.652  | 18778.793  | 9588.695   | 0.0        |
| N. WHITE CEDAR  | 0.0        | 0.0        | 0.0        | 15848.270  | 0.0        |
| EASTERN HEMLOCK | 0.0        | 0.0        | 0.0        | 0.0        | 42562.840  |
| OTHER SOFTWOODS | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| RED MAPLE       | 18588.039  | 0.0        | 0.0        | 38074.309  | 68138.063  |
| SUGAR MAPLE     | 47155.910  | 0.0        | 22056.625  | 22349.766  | 0.0        |
| YELLOW BIRCH    | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| PAPER BIRCH     | 16965.434  | 56442.703  | 0.0        | 8113.516   | 0.0        |
| AMERICAN BEECH  | 34331.156  | 0.0        | 0.0        | 58434.141  | 29688.824  |
| WHITE ASH       | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| OAK             | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| ELM             | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| POPLAR          | 163917.438 | 173421.875 | 45600.566  | 99095.250  | 59596.840  |
| OTHER HARDWOODS | 2261.949   | 7795.883   | 0.0        | 9371.656   | 0.0        |
| OTHER SPECIES   | 0.0        | 0.0        | 0.0        | 21407.945  | 0.0        |
| TOTAL           | 723842.500 | 610534.750 | 307495.750 | 440346.000 | 310418.938 |

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TABLE 9: MERCHANTABLE VOL. (CU. FT.) BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 16         | 17         | 18         | 19 AND LARGER | TOTAL       |
|-----------------|------------|------------|------------|---------------|-------------|
| BALSAM FIR      | 0.0        | 0.0        | 25706.090  | 0.0           | 1267471.000 |
| TAMARACK        | 0.0        | 0.0        | 0.0        | 0.0           | 0.0         |
| BLACK SPRUCE    | 0.0        | 0.0        | 0.0        | 0.0           | 108620.688  |
| RED SPRUCE      | 54354.910  | 26222.039  | 64764.117  | 27220.109     | 2111702.000 |
| WHITE SPRUCE    | 90077.375  | 0.0        | 0.0        | 0.0           | 353160.813  |
| RED PINE        | 0.0        | 0.0        | 0.0        | 0.0           | 0.0         |
| WHITE PINE      | 34284.453  | 47404.348  | 0.0        | 180233.063    | 371309.500  |
| N. WHITE CEDAR  | 0.0        | 17497.430  | 0.0        | 197653.563    | 342352.563  |
| EASTERN HEMLOCK | 23262.055  | 0.0        | 0.0        | 91339.188     | 177234.875  |
| OTHER SOFTWOODS | 0.0        | 0.0        | 0.0        | 0.0           | 0.0         |
| RED MAPLE       | 0.0        | 10916.926  | 54786.828  | 36689.988     | 523748.250  |
| SUGAR MAPLE     | 23319.586  | 0.0        | 0.0        | 0.0           | 170500.750  |
| YELLOW BIRCH    | 0.0        | 36404.828  | 20378.684  | 0.0           | 119943.313  |
| PAPER BIRCH     | 0.0        | 0.0        | 0.0        | 0.0           | 303158.938  |
| AMERICAN BEECH  | 0.0        | 0.0        | 0.0        | 0.0           | 137534.438  |
| WHITE ASH       | 23621.461  | 0.0        | 0.0        | 0.0           | 49550.129   |
| OAK             | 0.0        | 0.0        | 0.0        | 0.0           | 0.0         |
| ELM             | 0.0        | 0.0        | 0.0        | 0.0           | 0.0         |
| POPLAR          | 8340.777   | 17065.160  | 0.0        | 17012.578     | 1279061.000 |
| OTHER HARDWOODS | 0.0        | 0.0        | 0.0        | 0.0           | 62705.125   |
| OTHER SPECIES   | 0.0        | 0.0        | 0.0        | 0.0           | 21407.945   |
| TOTAL           | 257260.563 | 155510.500 | 165635.563 | 550148.750    | 7399468.000 |

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TABLE 9: MERCHANTABLE VOL. (CU.FT.) BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 6         | 7         | 8          | 9         | 10         |
|-----------------|-----------|-----------|------------|-----------|------------|
| BALSAM FIR      |           |           |            |           |            |
| TAMARACK        | 4488.484  | 2635.372  | 11484.742  | 9437.891  | 3976.182   |
| BLACK SPRUCE    | 0.0       | 0.0       | 0.0        | 0.0       | 0.0        |
| RED SPRUCE      | 0.0       | 0.0       | 0.0        | 0.0       | 0.0        |
| WHITE SPRUCE    | 0.0       | 7051.078  | 20027.066  | 6525.770  | 0.0        |
| RED PINE        | 0.0       | 0.0       | 5148.223   | 0.0       | 0.0        |
| WHITE PINE      | 0.0       | 0.0       | 0.0        | 0.0       | 0.0        |
| N. WHITE CEDAR  | 0.0       | 6854.145  | 0.0        | 1541.100  | 0.0        |
| EASTERN HEMLOCK | 0.0       | 0.0       | 0.0        | 0.0       | 0.0        |
| OTHER SOFTWOODS | 0.0       | 0.0       | 0.0        | 0.0       | 0.0        |
| RED MAPLE       | 33807.133 | 20568.512 | 5890.887   | 4619.121  | 15209.578  |
| SUGAR MAPLE     | 0.0       | 0.0       | 14476.199  | 0.0       | 20196.652  |
| YELLOW BIRCH    | 0.0       | 0.0       | 0.0        | 0.0       | 0.0        |
| PAPER BIRCH     | 14586.223 | 21449.535 | 14522.602  | 26512.645 | 20421.352  |
| AMERICAN BEECH  | 2805.355  | 2544.474  | 0.0        | 0.0       | 10050.945  |
| WHITE ASH       | 0.0       | 0.0       | 0.0        | 0.0       | 0.0        |
| OAK             | 0.0       | 0.0       | 0.0        | 0.0       | 0.0        |
| ELM             | 0.0       | 0.0       | 0.0        | 0.0       | 0.0        |
| POPLAR          | 20263.180 | 27268.508 | 30755.258  | 44827.008 | 31676.043  |
| OTHER HARDWOODS | 0.0       | 601.992   | 0.0        | 0.0       | 0.0        |
| OTHER SPECIES   | 1402.678  | 2284.718  | 0.0        | 720.772   | 0.0        |
| TOTAL           | 77353.000 | 91258.188 | 102304.875 | 94184.188 | 101530.625 |

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BAXTER PARK INVENTORY 1979; HARDWOOD TYPE; H4, H3, H2

TABLE 9: MERCHANTABLE VOL. (CU.FT.) BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 11        | 12         | 13        | 14        | 15        |
|-----------------|-----------|------------|-----------|-----------|-----------|
| BALSAM FIR      | 0.0       | 6913.781   | 0.0       | 0.0       | 0.0       |
| TAMAPACK        | 0.0       | 0.0        | 0.0       | 0.0       | 0.0       |
| BLACK SPRUCE    | 0.0       | 0.0        | 0.0       | 6720.648  | 0.0       |
| RED SPRUCE      | 0.0       | 39242.645  | 0.0       | 0.0       | 0.0       |
| WHITE SPRUCE    | 6684.848  | 0.0        | 0.0       | 0.0       | 0.0       |
| RED PINE        | 0.0       | 0.0        | 0.0       | 0.0       | 0.0       |
| WHITE PINE      | 5484.168  | 0.0        | 0.0       | 0.0       | 0.0       |
| N. WHITE CEDAR  | 0.0       | 0.0        | 0.0       | 1749.325  | 0.0       |
| EASTERN HEMLOCK | 0.0       | 0.0        | 0.0       | 0.0       | 0.0       |
| OTHER SOFTWOODS | 0.0       | 0.0        | 0.0       | 0.0       | 0.0       |
| RED MAPLE       | 10583.520 | 0.0        | 0.0       | 0.0       | 0.0       |
| SUGAR MAPLE     | 0.0       | 32737.949  | 11423.578 | 12103.395 | 12534.105 |
| YELLOW BIRCH    | 0.0       | 0.0        | 0.0       | 0.0       | 0.0       |
| PAPER BIRCH     | 1238.702  | 2706.289   | 2965.878  | 0.0       | 0.0       |
| AMERICAN BEFCH  | 0.0       | 0.0        | 2832.550  | 2840.422  | 0.0       |
| WHITE ASH       | 0.0       | 0.0        | 0.0       | 0.0       | 0.0       |
| DAK             | 0.0       | 0.0        | 0.0       | 0.0       | 0.0       |
| ELM             | 0.0       | 0.0        | 0.0       | 0.0       | 0.0       |
| POPLAR          | 7202.379  | 24159.199  | 29554.840 | 4616.934  | 14742.117 |
| OTHER HARDWOODS | 0.0       | 0.0        | 0.0       | 0.0       | 0.0       |
| OTHER SPECIES   | 0.0       | 0.0        | 0.0       | 0.0       | 0.0       |
| TOTAL           | 31193.625 | 105759.813 | 46776.840 | 28030.723 | 27276.195 |

BAXTER PARK INVENTORY 1979; HARWOOD TYPE; H4, H3, H2

TABLE 9: MERCHANTABLE VOL. (CU.FT.) BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 16       | 17        | 18        | 19 AND LARGER | TOTAL      |
|-----------------|----------|-----------|-----------|---------------|------------|
| BALSAM FIR      | 0.0      | 0.0       | 0.0       | 0.0           | 38936.469  |
| TAMARACK        | 0.0      | 0.0       | 0.0       | 0.0           | 0.0        |
| BLACK SPRUCE    | 0.0      | 0.0       | 0.0       | 0.0           | 6720.648   |
| RED SPRUCE      | 0.0      | 0.0       | 0.0       | 0.0           | 72846.438  |
| WHITE SPRUCE    | 0.0      | 0.0       | 0.0       | 0.0           | 11833.078  |
| RED PINE        | 0.0      | 18924.746 | 0.0       | 0.0           | 18924.746  |
| WHITE PINE      | 0.0      | 0.0       | 0.0       | 0.0           | 13879.418  |
| N. WHITE CEDAR  | 0.0      | 0.0       | 0.0       | 0.0           | 1749.325   |
| EASTERN HEMLOCK | 0.0      | 0.0       | 0.0       | 0.0           | 0.0        |
| OTHER SOFTWOODS | 0.0      | 0.0       | 0.0       | 0.0           | 0.0        |
| RED MAPLE       | 0.0      | 0.0       | 6310.285  | 0.0           | 96988.875  |
| SUGAR MAPLE     | 0.0      | 16885.473 | 4226.281  | 30666.113     | 155249.688 |
| YELLOW BIRCH    | 0.0      | 0.0       | 0.0       | 0.0           | 0.0        |
| PAPER BIRCH     | 0.0      | 0.0       | 0.0       | 0.0           | 104403.125 |
| AMERICAN BEECH  | 0.0      | 0.0       | 0.0       | 0.0           | 21073.730  |
| WHITE ASH       | 0.0      | 0.0       | 6397.266  | 0.0           | 6397.266   |
| OAK             | 0.0      | 0.0       | 0.0       | 0.0           | 0.0        |
| ELM             | 0.0      | 0.0       | 0.0       | 0.0           | 0.0        |
| POPLAR          | 1522.288 | 3120.095  | 11092.141 | 21696.141     | 272496.125 |
| OTHER HARDWOODS | 0.0      | 0.0       | 0.0       | 0.0           | 601.992    |
| OTHER SPECIES   | 0.0      | 0.0       | 0.0       | 0.0           | 4408.164   |
| TOTAL           | 1522.288 | 38930.305 | 28025.969 | 52362.273     | 826508.063 |

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Table: 10

AGE AND MERCHANTABLE MEAN ANNUAL  
INCREMENT PER ACRE, BY TYPE

| <u>Type</u>                 | <u>Total Age</u><br>(b.h. age + 15) |           | <u>Merchantable Cubic Foot</u><br><u>Mean Annual Increment</u> |
|-----------------------------|-------------------------------------|-----------|--|
| <u>S</u>                    |                                     | <u>80</u> |  |
| S4                          | 82                                  |           | <u>19.8</u>  |
| sF4A                        |                                     | 82        |  |
| sF/wP4A                     |                                     | 98        |  |
| sFwP4A                      |                                     | 68        |  |
| wPsF4A                      |                                     | 130       |  |
| sFwP/H4A                    |                                     | 84        |  |
| S3                          | 73                                  |           |  |
| sF3A                        |                                     | 73        |  |
| sF3B                        |                                     | 67        |  |
| sF/wP3A                     |                                     | 96        |  |
| sFwP3A                      |                                     | 123       |  |
| sF/H3A                      |                                     | 65        |  |
| S2                          | 72                                  |           |  |
| sF2A                        |                                     | 75        |  |
| sF2C                        |                                     | 50        |  |
| <u>CS</u>                   | <u>176</u>                          |           | <u>3.6</u>   |
| <u>M</u>                    | <u>81</u>                           |           | <u>14.3</u>  |
| M4                          | 100                                 |           |  |
| sFH4A                       |                                     | 95        |  |
| sFH4C                       |                                     | 72        |  |
| sFwPH4A                     |                                     | 131       |  |
| HsF4A                       |                                     | 97        |  |
| M3                          | 61                                  |           |  |
| sFH3A                       |                                     | 61        |  |
| SH3A                        |                                     | 66        |  |
| SFH3C                       |                                     | 55        |  |
| HsF3A                       |                                     | 62        |  |
| <u>H</u>                    | <u>63</u>                           |           | <u>10.6</u>  |
| H3                          | 63                                  |           |  |
| H/sF3A                      |                                     | 63        |  |
| H3A                         |                                     | 62        |  |
| 27,761 acres $\bar{x}$ = 80 |                                     |           | <u>17.7</u>  |

(Data not available for types not listed)

## BAXTER STATE PARK INVENTORY 1979: SOFTWOOD TYPE; S4, S3, S2

TABLE 11: BASAL AREA BY SPECIES AND TREE CLASS ESTIMATED TOTALS

|                  | DESIREABLE | ACCEPTABLE | ROUGH       | ROTTEN     | TOTAL       |
|------------------|------------|------------|-------------|------------|-------------|
| BALSAM FIR       | 0.0        | 151863.438 | 712773.500  | 92418.875  | 957056.062  |
| TAMARACK         | 0.0        | 0.0        | 40574.473   | 0.0        | 40574.473   |
| BLACK SPRUCE     | 0.0        | 11977.883  | 12844.203   | 0.0        | 24822.084   |
| RED SPRUCE       | 10264.066  | 227991.750 | 862779.313  | 24395.992  | 1125429.000 |
| WHITE SPRUCE     | 5132.027   | 7698.047   | 29954.113   | 0.0        | 42784.207   |
| RED PINE         | 0.0        | 0.0        | 856.908     | 0.0        | 856.908     |
| WHITE PINE       | 2566.016   | 26943.176  | 78296.375   | 0.0        | 107805.563  |
| N. WHITE CEDAR   | 0.0        | 8559.660   | 228048.250  | 20528.129  | 257136.063  |
| EASTERN HEMLOCK  | 0.0        | 0.0        | 12830.082   | 0.0        | 12830.082   |
| OTHER SOFTWOODS  | 0.0        | 0.0        | 0.0         | 0.0        | 0.0         |
| RED MAPLE        | 2566.016   | 14113.090  | 202359.813  | 5132.027   | 224171.000  |
| SUGAR MAPLE      | 0.0        | 2566.016   | 9411.863    | 0.0        | 11977.883   |
| YELLOW BIRCH     | 1713.817   | 5136.738   | 59041.945   | 2566.016   | 68456.438   |
| PAPER BIRCH      | 0.0        | 19675.922  | 56049.820   | 3849.026   | 79574.688   |
| AMERICAN BEECH   | 0.0        | 0.0        | 14548.609   | 6845.844   | 21394.453   |
| WHITE ASH        | 2566.016   | 0.0        | 2566.016    | 0.0        | 5132.027    |
| OAK              | 0.0        | 0.0        | 0.0         | 0.0        | 0.0         |
| SLM              | 0.0        | 0.0        | 0.0         | 0.0        | 0.0         |
| POPLAR           | 0.0        | 4279.828   | 41089.230   | 6845.844   | 52214.926   |
| OTHER HARDWOODS  | 0.0        | 0.0        | 5141.449    | 0.0        | 5141.449    |
| OTHER SPECIES    | 0.0        | 0.0        | 5132.027    | 0.0        | 5132.027    |
| TOTAL            | 24807.961  | 480805.438 | 2374296.000 | 162581.813 | 3042492.000 |
| PERCENT OF TOTAL | 0.8        | 15.8       | 78.0        | 5.4        |             |

BAXTER PARK INVENTORY 1979: CEDAR TYPES: CSA, CSR, CSC

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TABLE 12: NUMBER OF SNAGS BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 1 INCH | 2         | 3         | 4         | 5        |
|-----------------|--------|-----------|-----------|-----------|----------|
| BALSAM FIR      | 0.0    | 0.0       | 0.0       | 0.0       | 8258.711 |
| TAMARACK        | 0.0    | 0.0       | 0.0       | 0.0       | 0.0      |
| BLACK SPRUCE    | 0.0    | 0.0       | 3259.586  | 52415.660 | 0.0      |
| RED SPRUCE      | 0.0    | 0.0       | 0.0       | 0.0       | 0.0      |
| WHITE SPRUCE    | 0.0    | 0.0       | 0.0       | 0.0       | 0.0      |
| RED PINE        | 0.0    | 0.0       | 0.0       | 0.0       | 0.0      |
| WHITE PINE      | 0.0    | 0.0       | 0.0       | 0.0       | 0.0      |
| N. WHITE CEDAR  | 0.0    | 0.0       | 0.0       | 0.0       | 0.0      |
| EASTERN HEMLOCK | 0.0    | 0.0       | 0.0       | 0.0       | 0.0      |
| OTHER SOFTWOODS | 0.0    | 0.0       | 0.0       | 0.0       | 0.0      |
| RED MAPLE       | 0.0    | 0.0       | 0.0       | 0.0       | 0.0      |
| SUGAR MAPLE     | 0.0    | 0.0       | 0.0       | 0.0       | 0.0      |
| YELLOW BIRCH    | 0.0    | 0.0       | 17815.910 | 26294.832 | 0.0      |
| PAPER BIRCH     | 0.0    | 0.0       | 0.0       | 0.0       | 0.0      |
| AMERICAN BEECH  | 0.0    | 0.0       | 0.0       | 0.0       | 0.0      |
| WHITE ASH       | 0.0    | 0.0       | 0.0       | 0.0       | 0.0      |
| OAK             | 0.0    | 0.0       | 0.0       | 0.0       | 0.0      |
| ELM             | 0.0    | 0.0       | 0.0       | 0.0       | 0.0      |
| POPLAR          | 0.0    | 0.0       | 0.0       | 0.0       | 0.0      |
| OTHER HARDWOODS | 0.0    | 0.0       | 0.0       | 0.0       | 0.0      |
| OTHER SPECIES   | 0.0    | 0.0       | 0.0       | 0.0       | 0.0      |
| TOTAL           | 0.0    | 21075.488 | 17815.910 | 78710.375 | 8258.711 |

RAXTER PARK INVENTORY 1979; CEDAR TYPES; CSA, CSB, CSC

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TABLE 11: BASAL AREA BY SPECIES AND TREE CLASS ESTIMATED TOTALS

|                  | DESIREABLE | ACCEPTABLE | ROUGH     | ROTTEN    | TOTAL     |
|------------------|------------|------------|-----------|-----------|-----------|
| BALSAM FIR       | 0.0        | 0.0        | 2985.714  | 2786.427  | 5772.129  |
| TAMARACK         | 0.0        | 0.0        | 10547.129 | 0.0       | 10547.129 |
| BLACK SPRUCE     | 0.0        | 2189.285   | 17208.563 | 895.713   | 20293.547 |
| RED SPRUCE       | 0.0        | 0.0        | 3184.285  | 1989.999  | 5174.277  |
| WHITE SPRUCE     | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       |
| RED PINE         | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       |
| WHITE PINE       | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       |
| N. WHITE CEDAR   | 0.0        | 2388.570   | 30174.277 | 5174.277  | 37737.117 |
| EASTERN HEMLOCK  | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       |
| OTHER SOFTWOODS  | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       |
| RED MAPLE        | 0.0        | 0.0        | 4577.137  | 0.0       | 4577.137  |
| SUGAR MAPLE      | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       |
| YELLOW BIRCH     | 0.0        | 0.0        | 597.142   | 994.999   | 1592.141  |
| PAPER BIRCH      | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       |
| AMERICAN BEECH   | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       |
| WHITE ASH        | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       |
| OAK              | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       |
| ELM              | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       |
| POPLAR           | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       |
| OTHER HARDWOODS  | 0.0        | 0.0        | 2587.142  | 597.142   | 3184.285  |
| OTHER SPECIFICS  | 0.0        | 0.0        | 0.0       | 0.0       | 0.0       |
| TOTAL            | 0.0        | 4577.852   | 71861.313 | 12438.559 | 88877.750 |
| PERCENT OF TOTAL | 0.0        | 5.2        | 80.8      | 14.0      | 0.0       |

## BAXTOR INVENTORY 1979; TYPE MIXED; M4, M3, M2

TABLE 11: BASAL AREA BY SPECIES AND TREE CLASS  
ESTIMATED TOTALS

|                  | DESIREABLE | ACCEPTABLE | ROUGH      | ROTTEN    | TOTAL      |
|------------------|------------|------------|------------|-----------|------------|
| BALSAM FIR       | 0.0        | 14227.227  | 121839.750 | 8423.773  | 144490.750 |
| TAMARACK         | 0.0        | 0.0        | 0.0        | 0.0       | 0.0        |
| BLACK SPRUCE     | 0.0        | 0.0        | 10670.414  | 0.0       | 10670.414  |
| RED SPRUCE       | 0.0        | 32510.266  | 144434.625 | 8423.773  | 185368.688 |
| WHITE SPRUCE     | 0.0        | 12917.051  | 13610.563  | 0.0       | 26527.629  |
| RED PINE         | 0.0        | 0.0        | 0.0        | 0.0       | 0.0        |
| WHITE PINE       | 3868.963   | 6801.445   | 9078.859   | 0.0       | 19749.281  |
| N. WHITE CEDAR   | 1934.482   | 3556.808   | 21340.840  | 1934.482  | 28766.609  |
| EASTERN HEMLOCK  | 1934.482   | 1934.482   | 6770.680   | 0.0       | 10639.648  |
| OTHER SOFTWOODS  | 0.0        | 0.0        | 0.0        | 0.0       | 0.0        |
| RED MAPLE        | 0.0        | 7425.762   | 94861.938  | 1934.482  | 104222.188 |
| SUGAR MAPLE      | 0.0        | 3868.963   | 12604.898  | 0.0       | 16473.859  |
| YELLOW BIRCH     | 0.0        | 0.0        | 14851.539  | 0.0       | 14851.539  |
| PAPER BIRCH      | 0.0        | 7456.531   | 30816.391  | 0.0       | 38272.934  |
| AMERICAN BEECH   | 0.0        | 1934.482   | 13541.375  | 0.0       | 15475.855  |
| WHITE ASH        | 0.0        | 0.0        | 5803.441   | 0.0       | 5803.441   |
| OAK              | 0.0        | 0.0        | 0.0        | 0.0       | 0.0        |
| ELM              | 0.0        | 0.0        | 0.0        | 0.0       | 0.0        |
| POPLAR           | 0.0        | 13915.063  | 126295.000 | 6302.445  | 146512.625 |
| OTHER HARDWOODS  | 0.0        | 0.0        | 16346.070  | 0.0       | 16346.070  |
| OTHER SPECIES    | 0.0        | 0.0        | 9956.504   | 0.0       | 9956.504   |
| TOTAL            | 7737.926   | 106548.063 | 652823.438 | 27018.980 | 794128.625 |
| PERCENT OF TOTAL | 1.0        | 13.4       | 82.2       | 3.4       |            |

TABLE 11: BASAL AREA BY SPECIES AND TREE CLASS  
ESTIMATED TOTALS

|                  | DESIREABLE | ACCEPTABLE | ROUGH      | ROTTEN   | TOTAL      |
|------------------|------------|------------|------------|----------|------------|
| BALSAM FIR       | 0.0        | 759.091    | 2777.486   | 0.0      | 3536.576   |
| TAMARACK         | 0.0        | 0.0        | 0.0        | 0.0      | 0.0        |
| BLACK SPRUCE     | 0.0        | 303.636    | 0.0        | 0.0      | 303.636    |
| RED SPRUCE       | 0.0        | 1052.940   | 6106.301   | 1052.940 | 8212.184   |
| WHITE SPRUCE     | 0.0        | 0.0        | 2510.212   | 0.0      | 2510.212   |
| RED PINE         | 0.0        | 1052.940   | 0.0        | 0.0      | 1052.940   |
| WHITE PINE       | 0.0        | 526.470    | 2784.170   | 0.0      | 3310.640   |
| N. WHITE CEDAR   | 0.0        | 0.0        | 170.000    | 0.0      | 170.000    |
| EASTERN HEMLOCK  | 0.0        | 0.0        | 0.0        | 0.0      | 0.0        |
| OTHER SOFTWOODS  | 0.0        | 0.0        | 0.0        | 0.0      | 0.0        |
| RED MAPLE        | 0.0        | 340.000    | 24760.406  | 0.0      | 25100.398  |
| SUGAR MAPLE      | 303.636    | 303.636    | 13136.891  | 0.0      | 13744.164  |
| YELLOW BIRCH     | 0.0        | 0.0        | 680.000    | 0.0      | 680.000    |
| PAPER BIRCH      | 0.0        | 3965.774   | 16781.008  | 0.0      | 20746.781  |
| AMERICAN BEECH   | 0.0        | 0.0        | 5989.137   | 0.0      | 5989.137   |
| WHITE ASH        | 0.0        | 303.636    | 0.0        | 0.0      | 303.636    |
| OAK              | 0.0        | 0.0        | 0.0        | 0.0      | 0.0        |
| ELM              | 0.0        | 0.0        | 0.0        | 0.0      | 0.0        |
| POPLAR           | 0.0        | 830.106    | 31074.781  | 303.636  | 32208.539  |
| OTHER HARDWOODS  | 0.0        | 0.0        | 2257.699   | 0.0      | 2257.699   |
| OTHER SPECIES    | 0.0        | 0.0        | 1170.106   | 170.000  | 1340.106   |
| TOTAL            | 303.636    | 9438.230   | 110198.188 | 1526.576 | 121466.625 |
| PERCENT OF TOTAL | 0.2        | 7.8        | 90.7       | 1.3      |            |

BAXTER STATE PARK INVENTORY 1979: SOFTWOOD TYPE; S4, S3, S2

TABLE 12: NUMBER OF SNAGS BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 1 INCH      | 2          | 3          | 4          | 5          |
|-----------------|-------------|------------|------------|------------|------------|
| RALSAM FIR      | 907568.500  | 798935.875 | 269953.313 | 222186.313 | 198574.125 |
| TAMARACK        | 0.0         | 0.0        | 0.0        | 18693.152  | 0.0        |
| BLACK SPRUCE    | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| RED SPRUCE      | 470483.438  | 0.0        | 94903.313  | 58613.168  | 37169.461  |
| WHITE SPRUCE    | 1881933.000 | 0.0        | 0.0        | 0.0        | 0.0        |
| RED PINE        | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| WHITE PINE      | 0.0         | 0.0        | 0.0        | 24246.234  | 0.0        |
| N. WHITE CEDAR  | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| EASTERN HEMLOCK | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| OTHER SOFTWOODS | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| RED MAPLE       | 0.0         | 0.0        | 43203.309  | 0.0        | 12569.262  |
| SUGAR MAPLE     | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| YELLOW BIRCH    | 0.0         | 0.0        | 0.0        | 19639.457  | 0.0        |
| PAPER BIRCH     | 0.0         | 0.0        | 0.0        | 0.0        | 18088.594  |
| AMERICAN BEECH  | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| WHITE ASH       | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| OAK             | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| ELM             | 0.0         | 0.0        | 0.0        | 18693.152  | 39383.395  |
| POPLAR          | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| OTHER HARDWOODS | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| OTHER SPECIES   | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| TOTAL           | 3259986.000 | 798935.875 | 408059.875 | 362071.375 | 305784.813 |

BAXTER STATE PARK INVENTORY 1979: SOFTWOOD TYPE: S4,S3,S2

TABLE 12: NUMBER OF SNAGS BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 6          | 7         | 8          | 9         | 10        |
|-----------------|------------|-----------|------------|-----------|-----------|
| BALSAM FIR      | 90150.688  | 70704.938 | 30425.695  | 10224.441 | 18794.242 |
| TAMARACK        | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| BLACK SPRUCE    | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| RED SPRUCE      | 15002.672  | 0.0       | 37348.145  | 7864.121  | 0.0       |
| WHITE SPRUCE    | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| RED PINE        | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| WHITE PINE      | 0.0        | 0.0       | 7170.906   | 0.0       | 0.0       |
| N. WHITE CEDAR  | 12239.434  | 0.0       | 12108.152  | 6511.879  | 0.0       |
| EASTERN HEMLOCK | 0.0        | 0.0       | 0.0        | 0.0       | 6062.332  |
| OTHER SOFTWOODS | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| RED MAPLE       | 0.0        | 16397.379 | 3498.545   | 9202.066  | 0.0       |
| SUGAR MAPLE     | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| YELLOW BIRCH    | 0.0        | 0.0       | 14000.402  | 12024.363 | 7951.816  |
| PAPER BIRCH     | 0.0        | 0.0       | 0.0        | 5558.641  | 8872.023  |
| AMERICAN BEECH  | 0.0        | 0.0       | 2280.678   | 0.0       | 0.0       |
| WHITE ASH       | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| OAK             | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| ELM             | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| POPLAR          | 7776.594   | 0.0       | 0.0        | 0.0       | 0.0       |
| OTHER HARDWOODS | 0.0        | 6233.508  | 0.0        | 0.0       | 1635.941  |
| OTHER SPECIES   | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| TOTAL           | 125169.375 | 93335.875 | 106832.313 | 51385.531 | 43316.359 |

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BAXTER STATE PARK INVENTORY 1979: SOFTWOOD TYPE; S4,S3,S2

TABLE 12: NUMBER OF SNAGS BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 11        | 12        | 13        | 14       | 15        |
|-----------------|-----------|-----------|-----------|----------|-----------|
| BALSAM FIR      | 5458.715  | 6936.477  | 974.116   | 0.0      | 0.0       |
| TAMARACK        | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| BLACK SPRUCE    | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| RED SPRUCE      | 0.0       | 0.0       | 2963.491  | 0.0      | 2207.183  |
| WHITE SPRUCE    | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| RED PINE        | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| WHITE PINE      | 0.0       | 3160.998  | 2963.491  | 2300.765 | 1016.182  |
| N. WHITE CEDAR  | 3684.581  | 6295.609  | 8553.625  | 4732.984 | 8331.816  |
| EASTERN HEMLOCK | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| OTHER SOFTWOODS | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| RED MAPLE       | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| SUGAR MAPLE     | 3750.670  | 0.0       | 0.0       | 0.0      | 0.0       |
| YELLOW BIRCH    | 3959.965  | 3322.387  | 0.0       | 0.0      | 0.0       |
| PAPER BIRCH     | 4033.636  | 0.0       | 0.0       | 0.0      | 2237.733  |
| AMERICAN BEECH  | 0.0       | 3059.858  | 0.0       | 0.0      | 0.0       |
| WHITE ASH       | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| OAK             | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| ELM             | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| POPLAR          | 1979.989  | 0.0       | 0.0       | 0.0      | 0.0       |
| OTHER HARDWOODS | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| OTHER SPECIES   | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| TOTAL           | 22867.535 | 22775.328 | 15454.730 | 7033.750 | 13794.918 |

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BAXTER STATE PARK INVENTORY 1979: SOFTWOOD TYPE; S4, S3, S2

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TABLE 12: NUMBER OF SNAGS BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 16       | 17       | 18       | 19 AND LARGER | TOTAL       |
|-----------------|----------|----------|----------|---------------|-------------|
| BALSAM FIR      | 0.0      | 0.0      | 0.0      | 0.0           | 2630882.000 |
| TAMARACK        | 0.0      | 0.0      | 0.0      | 0.0           | 18693.152   |
| BLACK SPRUCE    | 0.0      | 0.0      | 0.0      | 0.0           | 0.0         |
| RED SPRUCE      | 0.0      | 0.0      | 0.0      | 1374.678      | 727927.750  |
| WHITE SPRUCE    | 0.0      | 0.0      | 0.0      | 0.0           | 1881933.000 |
| RED PINE        | 0.0      | 0.0      | 0.0      | 0.0           | 0.0         |
| WHITE PINE      | 0.0      | 0.0      | 0.0      | 0.0           | 40860.586   |
| N. WHITE CEDAR  | 1837.833 | 1647.292 | 0.0      | 983.307       | 72988.813   |
| EASTERN HEMLOCK | 0.0      | 0.0      | 0.0      | 0.0           | 0.0         |
| OTHER SOFTWOODS | 0.0      | 0.0      | 0.0      | 0.0           | 0.0         |
| RED MAPLE       | 0.0      | 0.0      | 0.0      | 686.152       | 85556.563   |
| SUGAR MAPLE     | 0.0      | 0.0      | 0.0      | 1905.479      | 5656.141    |
| YELLOW BIRCH    | 3746.563 | 0.0      | 1452.108 | 1331.159      | 67428.125   |
| PAPER BIRCH     | 3040.503 | 0.0      | 0.0      | 0.0           | 41831.078   |
| AMERICAN BEECH  | 0.0      | 0.0      | 0.0      | 0.0           | 5340.531    |
| WHITE ASH       | 0.0      | 0.0      | 0.0      | 0.0           | 0.0         |
| OAK             | 0.0      | 0.0      | 0.0      | 0.0           | 0.0         |
| ELM             | 0.0      | 0.0      | 0.0      | 0.0           | 0.0         |
| POPLAR          | 0.0      | 0.0      | 0.0      | 0.0           | 0.0         |
| OTHER HARDWOODS | 0.0      | 0.0      | 0.0      | 0.0           | 69469.000   |
| OTHER SPECIES   | 0.0      | 0.0      | 0.0      | 0.0           | 6233.508    |
| TOTAL           | 8624.891 | 1647.292 | 1452.108 | 6280.770      | 5654793.000 |

BAXTER PARK INVENTORY 1979: CEDAR TYPES: CSA, CSR, CSC

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TABLE 12: NUMBER OF SNAGS BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 1 INCH | 2   | 3         | 4         | 5        |
|-----------------|--------|-----|-----------|-----------|----------|
| BALSAM FIR      | 0.0    | 0.0 | 0.0       | 0.0       | 8258.711 |
| TAMARACK        | 0.0    | 0.0 | 0.0       | 0.0       | 0.0      |
| BLACK SPRUCE    | 0.0    | 0.0 | 3259.586  | 52415.660 | 0.0      |
| RED SPRUCE      | 0.0    | 0.0 | 0.0       | 0.0       | 0.0      |
| WHITE SPRUCE    | 0.0    | 0.0 | 0.0       | 0.0       | 0.0      |
| RED PINE        | 0.0    | 0.0 | 0.0       | 0.0       | 0.0      |
| WHITE PINE      | 0.0    | 0.0 | 0.0       | 0.0       | 0.0      |
| N. WHITE CEDAR  | 0.0    | 0.0 | 0.0       | 0.0       | 0.0      |
| EASTERN HEMLOCK | 0.0    | 0.0 | 0.0       | 0.0       | 0.0      |
| OTHER SOFTWOODS | 0.0    | 0.0 | 0.0       | 0.0       | 0.0      |
| RED MAPLE       | 0.0    | 0.0 | 0.0       | 0.0       | 0.0      |
| SUGAR MAPLE     | 0.0    | 0.0 | 0.0       | 0.0       | 0.0      |
| YELLOW BIRCH    | 0.0    | 0.0 | 17815.910 | 26294.832 | 0.0      |
| PAPER BIRCH     | 0.0    | 0.0 | 0.0       | 0.0       | 0.0      |
| AMERICAN BEECH  | 0.0    | 0.0 | 0.0       | 0.0       | 0.0      |
| WHITE ASH       | 0.0    | 0.0 | 0.0       | 0.0       | 0.0      |
| OAK             | 0.0    | 0.0 | 0.0       | 0.0       | 0.0      |
| ELM             | 0.0    | 0.0 | 0.0       | 0.0       | 0.0      |
| POPLAR          | 0.0    | 0.0 | 0.0       | 0.0       | 0.0      |
| OTHER HARDWOODS | 0.0    | 0.0 | 0.0       | 0.0       | 0.0      |
| OTHER SPECIES   | 0.0    | 0.0 | 0.0       | 0.0       | 0.0      |
| TOTAL           | 0.0    | 0.0 | 21075.488 | 78710.375 | 8258.711 |

BAXTER PARK INVENTORY 1979; CEDAR TYPES: CSA, CSB, CSC

TABLE 12: NUMBER OF SNAGS BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 6         | 7        | 8        | 9         | 10       |
|-----------------|-----------|----------|----------|-----------|----------|
| BALSAM FIR      | 3619.412  | 0.0      | 2998.600 | 0.0       | 0.0      |
| TAMARACK        | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| BLACK SPRUCE    | 1685.510  | 4188.129 | 894.262  | 1295.396  | 558.552  |
| RED SPRUCE      | 0.0       | 0.0      | 0.0      | 6192.000  | 0.0      |
| WHITE SPRUCE    | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| RED PINE        | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| WHITE PINE      | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| N. WHITE CEDAR  | 0.0       | 0.0      | 2587.897 | 2770.394  | 2169.458 |
| EASTERN HEMLOCK | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| OTHER SOFTWOODS | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| RED MAPLE       | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| SUGAR MAPLE     | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| YELLOW BIRCH    | 6030.906  | 0.0      | 2713.195 | 0.0       | 0.0      |
| PAPER BIRCH     | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| AMERICAN BEECH  | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| WHITE ASH       | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| OAK             | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| ELM             | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| POPLAR          | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| OTHER HARDWOODS | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| OTHER SPECIES   | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| TOTAL           | 11335.824 | 4188.129 | 9193.945 | 10257.789 | 2728.010 |

RAXTER PARK INVENTORY 1979; CEDAR TYPES; CSA, CSR, CSC

TABLE 12: NUMBER OF SNAGS BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 11      | 12  | 13  | 14      | 15  |
|-----------------|---------|-----|-----|---------|-----|
| BALSAM FIR      | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| TAMARACK        | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| BLACK SPRUCE    | 904.853 | 0.0 | 0.0 | 0.0     | 0.0 |
| RED SPRUCE      | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| WHITE SPRUCE    | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| RED PINE        | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| WHITE PINE      | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| N. WHITE CEDAR  | 0.0     | 0.0 | 0.0 | 550.711 | 0.0 |
| EASTERN HEMLOCK | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| OTHER SOFTWOODS | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| RED MAPLE       | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| SUGAR MAPLE     | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| YELLOW BIRCH    | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| PAPER BIRCH     | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| AMERICAN BEECH  | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| WHITE ASH       | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| OAK             | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| ELM             | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| POPLAR          | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| OTHER HARDWOODS | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| OTHER SPECIES   | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| TOTAL           | 904.853 | 0.0 | 0.0 | 550.711 | 0.0 |

BAXTER PARK INVENTORY 1979; CEDAR TYPES: CSA, CSB, CSC

TABLE 12: NUMBER OF SNAGS BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 16  | 17      | 18  | 19 AND LARGER | TOTAL      |
|-----------------|-----|---------|-----|---------------|------------|
| PALE GREEN FIR  | 0.0 | 0.0     | 0.0 | 0.0           | 14876.711  |
| TAMARACK        | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| BLACK SPRUCE    | 0.0 | 0.0     | 0.0 | 0.0           | 65201.965  |
| RED SPRUCE      | 0.0 | 0.0     | 0.0 | 0.0           | 6192.000   |
| WHITE SPRUCE    | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| RED PINE        | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| WHITE PINE      | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| N. WHITE CEDAR  | 0.0 | 392.582 | 0.0 | 300.121       | 8771.156   |
| EASTERN HEMLOCK | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| OTHER SOFTWOODS | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| RED MAPLE       | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| SUGAR MAPLE     | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| YELLOW BIRCH    | 0.0 | 0.0     | 0.0 | 0.0           | 52854.824  |
| PAPER BIRCH     | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| AMERICAN BEECH  | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| WHITE ASH       | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| OAK             | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| ELM             | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| POPLAR          | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| OTHER HARDWOODS | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| OTHER SPECIES   | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| TOTAL           | 0.0 | 392.582 | 0.0 | 300.121       | 147896.563 |

BAXTOR INVENTORY 1979; TYPE MIXED; M4, M3, M2

TABLE 12: NUMBER OF SNAGS BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 1 INCH | 2          | 3          | 4         | 5         |
|-----------------|--------|------------|------------|-----------|-----------|
| BALSAM FIR      | 0.0    | 0.0        | 0.0        | 87830.563 | 0.0       |
| TAMARACK        | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| BLACK SPRUCE    | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| RED SPRUCE      | 0.0    | 51641.715  | 61905.500  | 0.0       | 12163.613 |
| WHITE SPRUCE    | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| RED PINE        | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| WHITE PINE      | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| N. WHITE CEDAR  | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| EASTERN HEMLOCK | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| OTHER SOFTWOODS | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| RED MAPLE       | 0.0    | 116193.875 | 33050.660  | 0.0       | 0.0       |
| SUGAR MAPLE     | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| YELLOW BIRCH    | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| PAPER BIRCH     | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| AMERICAN BEECH  | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| WHITE ASH       | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| OAK             | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| ELM             | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| POPLAR          | 0.0    | 0.0        | 25731.516  | 67743.813 | 32779.941 |
| OTHER HARDWOODS | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| OTHER SPECIES   | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| TOTAL           | 0.0    | 167835.500 | 208518.313 | 67743.813 | 57107.145 |

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BAXTOR INVENTORY 1979; TYPE MIXED; M4, M3, M2

TABLE 12: NUMBER OF SNAGS BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 6         | 7         | 8         | 9         | 10       |
|-----------------|-----------|-----------|-----------|-----------|----------|
| RALSAM FIR      | 25882.855 | 24643.223 | 10458.602 | 8131.184  | 3279.314 |
| TAMARACK        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0      |
| BLACK SPRUCE    | 0.0       | 0.0       | 0.0       | 0.0       | 0.0      |
| RED SPRUCE      | 7262.113  | 0.0       | 5288.102  | 0.0       | 0.0      |
| WHITE SPRUCE    | 0.0       | 0.0       | 0.0       | 0.0       | 0.0      |
| RED PINE        | 0.0       | 0.0       | 0.0       | 0.0       | 0.0      |
| WHITE PINE      | 0.0       | 0.0       | 4766.156  | 0.0       | 0.0      |
| N. WHITE CEDAR  | 11725.313 | 0.0       | 0.0       | 0.0       | 0.0      |
| EASTERN HEMLOCK | 0.0       | 0.0       | 0.0       | 0.0       | 0.0      |
| OTHER SOFTWOODS | 0.0       | 0.0       | 0.0       | 0.0       | 0.0      |
| RED MAPLE       | 0.0       | 7670.652  | 0.0       | 0.0       | 0.0      |
| SUGAR MAPLE     | 0.0       | 0.0       | 0.0       | 0.0       | 0.0      |
| YELLOW BIRCH    | 0.0       | 0.0       | 0.0       | 3755.284  | 0.0      |
| PAPER BIRCH     | 9532.137  | 0.0       | 5016.969  | 1877.646  | 0.0      |
| AMERICAN BEECH  | 0.0       | 0.0       | 0.0       | 0.0       | 0.0      |
| WHITE ASH       | 0.0       | 0.0       | 0.0       | 0.0       | 0.0      |
| OAK             | 0.0       | 0.0       | 0.0       | 0.0       | 0.0      |
| ELM             | 0.0       | 0.0       | 0.0       | 4909.207  | 0.0      |
| POPLAR          | 13237.102 | 6470.555  | 4317.836  | 14288.891 | 3227.607 |
| OTHER HARDWOODS | 0.0       | 0.0       | 0.0       | 0.0       | 0.0      |
| OTHER SPECIES   | 0.0       | 0.0       | 0.0       | 0.0       | 0.0      |
| TOTAL           | 67639.438 | 38784.426 | 29847.688 | 32962.234 | 6506.914 |

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RAXTOR INVENTORY 1979; TYPE MIXED; M4, M3, M2

TABLE 12: NUMBER OF SNAGS BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 11       | 12       | 13      | 14       | 15  |
|-----------------|----------|----------|---------|----------|-----|
| BALSAM FIR      | 5512.223 | 4967.820 | 0.0     | 0.0      | 0.0 |
| TAMARACK        | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| BLACK SPRUCE    | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| RED SPRUCE      | 1207.107 | 0.0      | 0.0     | 0.0      | 0.0 |
| WHITE SPRUCE    | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| RED PINE        | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| WHITE PINE      | 0.0      | 0.0      | 951.859 | 0.0      | 0.0 |
| N. WHITE CEDAR  | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| EASTERN HEMLOCK | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| OTHER SOFTWOODS | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| RED MAPLE       | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| SUGAR MAPLE     | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| YELLOW BIRCH    | 0.0      | 2681.975 | 0.0     | 0.0      | 0.0 |
| PAPER BIRCH     | 0.0      | 0.0      | 0.0     | 1759.034 | 0.0 |
| AMERICAN BEECH  | 0.0      | 0.0      | 0.0     | 1561.942 | 0.0 |
| WHITE ASH       | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| OAK             | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| ELM             | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| POPLAR          | 3098.004 | 0.0      | 0.0     | 0.0      | 0.0 |
| OTHER HARDWOODS | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| OTHER SPECIES   | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| TOTAL           | 9817.332 | 7649.793 | 951.859 | 3320.976 | 0.0 |

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BAXTOR INVENTORY 1979; TYPE MIXED; M4, M3, M2

TABLE 12: NUMBER OF SNAGS BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 16       | 17       | 18  | 19 AND LARGER | TOTAL      |
|-----------------|----------|----------|-----|---------------|------------|
| BALSAM FIR      | 0.0      | 0.0      | 0.0 | 0.0           | 182869.375 |
| TAMARACK        | 0.0      | 0.0      | 0.0 | 0.0           | 0.0        |
| BLACK SPRUCE    | 0.0      | 0.0      | 0.0 | 0.0           | 0.0        |
| RED SPRUCE      | 0.0      | 0.0      | 0.0 | 676.362       | 140144.375 |
| WHITE SPRUCE    | 0.0      | 0.0      | 0.0 | 0.0           | 0.0        |
| RED PINE        | 0.0      | 0.0      | 0.0 | 0.0           | 0.0        |
| WHITE PINE      | 0.0      | 0.0      | 0.0 | 0.0           | 5718.016   |
| N. WHITE CEDAR  | 0.0      | 0.0      | 0.0 | 0.0           | 11725.313  |
| EASTERN HEMLOCK | 0.0      | 0.0      | 0.0 | 0.0           | 2228.958   |
| OTHER SOFTWOODS | 0.0      | 1256.698 | 0.0 | 972.261       | 0.0        |
| RED MAPLE       | 0.0      | 0.0      | 0.0 | 0.0           | 156915.188 |
| SUGAR MAPLE     | 0.0      | 0.0      | 0.0 | 0.0           | 0.0        |
| YELLOW BIRCH    | 1476.338 | 0.0      | 0.0 | 1818.586      | 11491.211  |
| PAPER BIRCH     | 0.0      | 0.0      | 0.0 | 0.0           | 17988.699  |
| AMERICAN BEECH  | 0.0      | 0.0      | 0.0 | 0.0           | 0.0        |
| WHITE ASH       | 0.0      | 0.0      | 0.0 | 0.0           | 0.0        |
| OAK             | 0.0      | 0.0      | 0.0 | 0.0           | 5912.746   |
| FLM             | 0.0      | 0.0      | 0.0 | 1003.541      | 170895.125 |
| POPLAR          | 0.0      | 0.0      | 0.0 | 0.0           | 0.0        |
| OTHER HARDWOODS | 0.0      | 0.0      | 0.0 | 0.0           | 0.0        |
| OTHER SPECIES   | 0.0      | 0.0      | 0.0 | 0.0           | 0.0        |
| TOTAL           | 1476.338 | 1256.698 | 0.0 | 4470.742      | 705888.000 |

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BAXTER PARK INVENTORY 1979; HARDWOOD TYPE; H4, H3, H2

TABLE 12: NUMBER OF SNAGS BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 1 INCH | 2         | 3        | 4   | 5        |
|-----------------|--------|-----------|----------|-----|----------|
| RALSAM FIR      | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| TAMARACK        | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| BLACK SPRUCE    | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| RED SPRUCE      | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| WHITE SPRUCE    | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| RED PINE        | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| WHITE PINE      | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| N. WHITE CEDAR  | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| EASTERN HEMLOCK | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| OTHER SOFTWOODS | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| RED MAPLE       | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| SUGAR MAPLE     | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| YELLOW BIRCH    | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| PAPER BIRCH     | 0.0    | 15421.680 | 3463.308 | 0.0 | 0.0      |
| AMERICAN BEECH  | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| WHITE ASH       | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| OAK             | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| ELM             | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| POPLAR          | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| OTHER HARDWOODS | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| OTHER SPECIES   | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| TOTAL           | 0.0    | 15421.680 | 3463.308 | 0.0 | 0.0      |
|                 |        |           |          |     | 1352.855 |
|                 |        |           |          |     | 2201.392 |
|                 |        |           |          |     | 3554.249 |

TABLE 12: NUMBER OF SNAGS BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 6        | 7   | 8        | 9        | 10       |
|-----------------|----------|-----|----------|----------|----------|
| BALSAM FIR      | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| TAMAPACK        | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| BLACK SPRUCE    | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| RED SPRUCE      | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| WHITE SPRUCE    | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| RED PINE        | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| WHITE PINE      | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| N. WHITE CEDAR  | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| EASTERN HEMLOCK | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| OTHER SOFTWOODS | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| RED MAPLE       | 0.0      | 0.0 | 1384.552 | 0.0      | 0.0      |
| SUGAR MAPLE     | 5022.332 | 0.0 | 2942.516 | 0.0      | 2672.089 |
| YELLOW BIRCH    | 0.0      | 0.0 | 927.120  | 0.0      | 0.0      |
| PAPER BIRCH     | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| AMERICAN BEECH  | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| WHITE ASH       | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| OAK             | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| ELM             | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| POPLAR          | 1775.264 | 0.0 | 2871.185 | 376.367  | 1959.651 |
| OTHER HARDWOODS | 920.203  | 0.0 | 0.0      | 0.0      | 0.0      |
| OTHER SPECIES   | 0.0      | 0.0 | 0.0      | 421.441  | 0.0      |
| TOTAL           | 7717.797 | 0.0 | 8125.367 | 3469.898 | 1959.651 |

BAXTER PARK INVENTORY 1979; HARDWOOD TYPE; H4, H3, H2

TABLE 12: NUMBER OF SNAGS BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 11      | 12       | 13      | 14      | 15      |
|-----------------|---------|----------|---------|---------|---------|
| BALSAM FIR      | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     |
| TAMARACK        | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     |
| BLACK SPRUCE    | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     |
| RED SPRUCE      | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     |
| WHITE SPRUCE    | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     |
| RED PINE        | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     |
| WHITE PINE      | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     |
| N. WHITE CEDAR  | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     |
| EASTERN HEMLOCK | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     |
| OTHER SOFTWOODS | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     |
| RED MAPLE       | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     |
| SUGAR MAPLE     | 0.0     | 1459.801 | 0.0     | 0.0     | 0.0     |
| YELLOW BIRCH    | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     |
| PAPER BIRCH     | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     |
| AMERICAN BEECH  | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     |
| WHITE ASH       | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     |
| OAK             | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     |
| ELM             | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     |
| POPULAR         | 755.964 |          | 553.999 |         | 521.895 |
| OTHER HARDWOODS | 0.0     | 196.570  | 0.0     | 0.0     | 0.0     |
| OTHER SPECIES   | 0.0     | 0.0      | 0.0     | 0.0     | 0.0     |
| TOTAL           | 755.964 | 1656.371 | 553.999 | 521.895 | 521.895 |

## BAXTER PARK INVENTORY 1979; HARDWOOD TYPES; H4, H3, H2

TABLE 12: NUMBER OF SNAGS BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 16  | 17  | 18  | 19 AND LARGER | TOTAL     |
|-----------------|-----|-----|-----|---------------|-----------|
| BALSAM FIR      | 0.0 | 0.0 | 0.0 | 0.0           | 1352.855  |
| TAMARACK        | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| BLACK SPRUCE    | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| RED SPRUCE      | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| WHITE SPRUCE    | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| RED PINE        | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| WHITE PINE      | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| N. WHITE CEDAR  | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| EASTERN HEMLOCK | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| OTHER SOFTWOODS | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| RED MAPLE       | 0.0 | 0.0 | 0.0 | 0.0           | 1384.552  |
| SUGAR MAPLE     | 0.0 | 0.0 | 0.0 | 246.678       | 12343.418 |
| YELLOW BIRCH    | 0.0 | 0.0 | 0.0 | 123.870       | 1050.990  |
| PAPER BIRCH     | 0.0 | 0.0 | 0.0 | 0.0           | 18884.988 |
| AMERICAN BEECH  | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| WHITE ASH       | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| PAK             | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| ELM             | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| POPLAR          | 0.0 | 0.0 | 0.0 | 0.0           | 11212.281 |
| OTHER HARDWOODS | 0.0 | 0.0 | 0.0 | 0.0           | 920.203   |
| OTHER SPECIES   | 0.0 | 0.0 | 0.0 | 0.0           | 421.441   |
| TOTAL           | 0.0 | 0.0 | 0.0 | 370.548       | 47570.715 |

BAXTER STATE PARK INVENTORY 1979: SOFTWOOD TYPE; S4,S3,S2

TABLE 13: NUMBER OF WOLF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 1 INCH      | 2          | 3          | 4          | 5          |
|-----------------|-------------|------------|------------|------------|------------|
| BALSAM FIR      | 907568.500  | 798935.875 | 269953.313 | 222186.313 | 198574.125 |
| TAMARACK        | 0.0         | 0.0        | 0.0        | 18691.152  | 0.0        |
| BLACK SPRUCE    | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| RED SPRUCE      | 470483.438  | 0.0        | 94903.313  | 58613.168  | 37169.461  |
| WHITE SPRUCE    | 1881933.000 | 0.0        | 0.0        | 0.0        | 0.0        |
| RED PINE        | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| WHITE PINE      | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| N. WHITE CEDAR  | 0.0         | 0.0        | 0.0        | 24246.234  | 0.0        |
| EASTERN HEMLOCK | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| OTHER HEMLOCK   | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| OTHER SOFTWOODS | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| RED MAPLE       | 0.0         | 0.0        | 43203.309  | 0.0        | 0.0        |
| SUGAR MAPLE     | 0.0         | 0.0        | 0.0        | 0.0        | 12569.262  |
| YELLOW BIRCH    | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| PAPER BIRCH     | 0.0         | 0.0        | 0.0        | 19639.457  | 0.0        |
| AMERICAN BEECH  | 0.0         | 0.0        | 0.0        | 0.0        | 18088.594  |
| WHITE ASH       | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| OAK             | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| ELM             | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| POPLAR          | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| OTHER HARDWOODS | 0.0         | 0.0        | 0.0        | 18693.152  | 39383.395  |
| OTHER SPECIES   | 0.0         | 0.0        | 0.0        | 0.0        | 0.0        |
| TOTAL           | 3259986.000 | 798935.875 | 408059.875 | 362071.375 | 305784.813 |

BAXTER STATE PARK INVENTORY 1979: SOFTWOOD TYPE; S4, S3, S2

TABLE 13: NUMBER OF WOLF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 6          | 7         | 8          | 9         | 10        |
|-----------------|------------|-----------|------------|-----------|-----------|
| RALSAM FIR      | 90150.688  | 70704.938 | 30425.695  | 10224.441 | 18794.242 |
| TAMAPACK        | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| BLACK SPRUCE    | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| RED SPRUCE      | 15002.672  | 0.0       | 37348.145  | 7864.121  | 0.0       |
| WHITE SPRUCE    | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| RED PINE        | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| WHITE PINE      | 0.0        | 0.0       | 7170.906   | 0.0       | 0.0       |
| N. WHITE CEDAR  | 12239.434  | 0.0       | 12108.152  | 6511.879  | 6062.332  |
| EASTERN HEMLOCK | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| OTHER SOFTWOODS | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| RED MAPLE       | 0.0        | 16397.379 | 3498.545   | 9202.066  | 0.0       |
| SUGAR MAPLE     | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| YELLOW BIRCH    | 0.0        | 0.0       | 14000.402  | 12024.363 | 7951.816  |
| PAPEP BIRCH     | 0.0        | 0.0       | 0.0        | 5558.641  | 8872.023  |
| AMERICAN BEECH  | 0.0        | 0.0       | 2280.678   | 0.0       | 0.0       |
| WHITE ASH       | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| OAK             | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| ELM             | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| POPLAR          | 7776.594   | 0.0       | 0.0        | 0.0       | 0.0       |
| OTHER HARDWOODS | 0.0        | 6233.508  | 0.0        | 0.0       | 1635.941  |
| OTHER SPECIES   | 0.0        | 0.0       | 0.0        | 0.0       | 0.0       |
| TOTAL           | 125169.375 | 93335.875 | 106832.313 | 51385.531 | 43316.359 |

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BAXTER STATE PARK INVENTORY 1979: SOFTWOOD TYPE; \$4,53,52

TABLE 13: NUMBER OF WOLF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 11        | 12        | 13        | 14       | 15        |
|-----------------|-----------|-----------|-----------|----------|-----------|
| BALSAM FIR      | 5458.715  | 6936.477  | 974.116   | 0.0      | 0.0       |
| TAMARACK        | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| BLACK SPRUCE    | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| RED SPRUCE      | 0.0       | 0.0       | 2963.491  | 0.0      | 2207.183  |
| WHITE SPRUCE    | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| RED PINE        | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| WHITE PINE      | 0.0       | 3160.998  | 2963.491  | 2300.765 | 1018.182  |
| N. WHITE CEDAR  | 3684.581  | 6295.609  | 8553.625  | 4732.984 | 8331.816  |
| EASTERN HEMLOCK | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| OTHER SOFTWOODS | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| RED MAPLE       | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| SUGAR MAPLE     | 3750.670  | 0.0       | 0.0       | 0.0      | 0.0       |
| YELLOW BIRCH    | 3959.965  | 3322.387  | 0.0       | 0.0      | 0.0       |
| PAPER BIRCH     | 4033.636  | 0.0       | 0.0       | 0.0      | 0.0       |
| AMERICAN BEECH  | 0.0       | 3059.858  | 0.0       | 0.0      | 2237.733  |
| WHITE ASH       | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| OAK             | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| ELM             | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| POPLAR          | 1979.989  | 0.0       | 0.0       | 0.0      | 0.0       |
| OTHER HARDWOODS | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| OTHER SPECIES   | 0.0       | 0.0       | 0.0       | 0.0      | 0.0       |
| TOTAL           | 22867.535 | 22775.328 | 15454.730 | 7033.750 | 13794.918 |

RAXTER STATE PARK INVENTORY 1979: SOFTWOOD TYPE: S4, S3, S2

TABLE 13: NUMBER OF WOLF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 16       | 17       | 18       | 19 AND LARGER | TOTAL       |
|-----------------|----------|----------|----------|---------------|-------------|
| BALSAM FIR      | 0.0      | 0.0      | 0.0      | 0.0           | 2630882.000 |
| TAMARACK        | 0.0      | 0.0      | 0.0      | 0.0           | 18693.152   |
| BLACK SPRUCE    | 0.0      | 0.0      | 0.0      | 0.0           | 0.0         |
| RED SPRUCE      | 0.0      | 0.0      | 0.0      | 1374.678      | 727927.750  |
| WHITE SPRUCE    | 0.0      | 0.0      | 0.0      | 0.0           | 1881933.000 |
| RED PINE        | 0.0      | 0.0      | 0.0      | 0.0           | 0.0         |
| WHITE PINE      | 0.0      | 0.0      | 0.0      | 0.0           | 40860.586   |
| N. WHITE CEDAR  | 1837.833 | 1647.292 | 0.0      | 983.307       | 72988.813   |
| EASTERN HEMLOCK | 0.0      | 0.0      | 0.0      | 0.0           | 0.0         |
| OTHER SOFTWOODS | 0.0      | 0.0      | 0.0      | 0.0           | 0.0         |
| RED MAPLE       | 0.0      | 0.0      | 0.0      | 686.152       | 85556.563   |
| SUGAR MAPLE     | 0.0      | 0.0      | 0.0      | 1905.479      | 5656.141    |
| YELLOW BIRCH    | 3746.563 | 0.0      | 1452.108 | 1331.159      | 67428.125   |
| PAPER BIRCH     | 3040.503 | 0.0      | 0.0      | 0.0           | 41831.078   |
| AMERICAN BEECH  | 0.0      | 0.0      | 0.0      | 0.0           | 5340.531    |
| WHITE ASH       | 0.0      | 0.0      | 0.0      | 0.0           | 0.0         |
| OAK             | 0.0      | 0.0      | 0.0      | 0.0           | 0.0         |
| ELM             | 0.0      | 0.0      | 0.0      | 0.0           | 0.0         |
| POPLAR          | 0.0      | 0.0      | 0.0      | 0.0           | 0.0         |
| OTHER HARDWOODS | 0.0      | 0.0      | 0.0      | 0.0           | 69469.000   |
| OTHER SPECIES   | 0.0      | 0.0      | 0.0      | 0.0           | 6233.508    |
| TOTAL           | 8624.891 | 1647.292 | 1452.108 | 6280.770      | 5654793.000 |

BAXTER PARK INVENTORY 1979; CEDAR TYPES; CSA, CSR, CSC

TABLE 13: NUMBER OF WOLF TREES BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 1 INCH | 2         | 3   | 4         | 5        |
|-----------------|--------|-----------|-----|-----------|----------|
| BALSAM FIR      | 0.0    | 0.0       | 0.0 | 0.0       | 8258.711 |
| TAMARACK        | 0.0    | 0.0       | 0.0 | 0.0       | 0.0      |
| BLACK SPRUCE    | 0.0    | 0.0       | 0.0 | 52415.660 | 0.0      |
| RED SPRUCE      | 0.0    | 3259.586  | 0.0 | 0.0       | 0.0      |
| WHITE SPRUCE    | 0.0    | 0.0       | 0.0 | 0.0       | 0.0      |
| RED PINE        | 0.0    | 0.0       | 0.0 | 0.0       | 0.0      |
| WHITE PINE      | 0.0    | 0.0       | 0.0 | 0.0       | 0.0      |
| N. WHITE CEDAR  | 0.0    | 0.0       | 0.0 | 0.0       | 0.0      |
| EASTERN HEMLOCK | 0.0    | 0.0       | 0.0 | 0.0       | 0.0      |
| OTHER SOFTWOODS | 0.0    | 0.0       | 0.0 | 0.0       | 0.0      |
| RED MAPLE       | 0.0    | 0.0       | 0.0 | 0.0       | 0.0      |
| SUGAR MAPLE     | 0.0    | 0.0       | 0.0 | 0.0       | 0.0      |
| YELLOW BIRCH    | 0.0    | 17815.910 | 0.0 | 26294.832 | 0.0      |
| PAPER BIRCH     | 0.0    | 0.0       | 0.0 | 0.0       | 0.0      |
| AMERICAN BEECH  | 0.0    | 0.0       | 0.0 | 0.0       | 0.0      |
| WHITE ASH       | 0.0    | 0.0       | 0.0 | 0.0       | 0.0      |
| OAK             | 0.0    | 0.0       | 0.0 | 0.0       | 0.0      |
| ELM             | 0.0    | 0.0       | 0.0 | 0.0       | 0.0      |
| POPLAR          | 0.0    | 0.0       | 0.0 | 0.0       | 0.0      |
| OTHER HARDWOODS | 0.0    | 0.0       | 0.0 | 0.0       | 0.0      |
| OTHER SPECIES   | 0.0    | 0.0       | 0.0 | 0.0       | 0.0      |
| TOTAL           | 0.0    | 21075.488 | 0.0 | 78710.375 | 8258.711 |

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BAXTER PARK INVENTORY 1979; CEDAR TYPES: CSA, CSB, CSC

TABLE 13: NUMBER OF WOLF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 6         | 7        | 8        | 9         | 10       |
|-----------------|-----------|----------|----------|-----------|----------|
| BALSAM FIR      | 3619.412  | 0.0      | 2998.600 | 0.0       | 0.0      |
| TAMARACK        | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| BLACK SPRUCE    | 1685.510  | 4188.129 | 894.262  | 1295.396  | 558.552  |
| RED SPRUCE      | 0.0       | 0.0      | 0.0      | 6192.000  | 0.0      |
| WHITE SPRUCE    | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| RED PINE        | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| WHITE PINE      | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| N. WHITE CEDAR  | 0.0       | 0.0      | 2587.897 | 2770.394  | 2169.458 |
| EASTERN HEMLOCK | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| OTHER SOFTWOODS | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| RED MAPLE       | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| SUGAR MAPLE     | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| YELLOW BIRCH    | 6030.906  | 0.0      | 2713.195 | 0.0       | 0.0      |
| PAPER BIRCH     | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| AMERICAN BEECH  | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| WHITE ASH       | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| OAK             | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| FLM             | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| POPLAR          | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| OTHER HARDWOODS | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| OTHER SPECIES   | 0.0       | 0.0      | 0.0      | 0.0       | 0.0      |
| TOTAL           | 11335.824 | 4188.129 | 9193.945 | 10257.789 | 2728.010 |

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BAXTER PARK INVENTORY 1979; CEDAR TYPES; CSA, CSB, CSC

TABLE 13: NUMBER OF WOLF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 11      | 12  | 13  | 14      | 15  |
|-----------------|---------|-----|-----|---------|-----|
| BALSAM FIR      | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| TAMARACK        | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| BLACK SPRUCE    | 904.853 | 0.0 | 0.0 | 0.0     | 0.0 |
| RED SPRUCE      | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| WHITE SPRUCE    | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| RED PINE        | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| WHITE PINE      | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| N. WHITE CEDAR  | 0.0     | 0.0 | 0.0 | 550.711 | 0.0 |
| EASTERN HEMLOCK | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| OTHER SOFTWOODS | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| RED MAPLE       | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| SUGAR MAPLE     | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| YELLOW BIRCH    | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| PAPER BIRCH     | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| AMERICAN BEECH  | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| WHITE ASH       | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| OAK             | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| FLM             | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| POPLAR          | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| OTHER HARDWOODS | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| OTHER SPECIES   | 0.0     | 0.0 | 0.0 | 0.0     | 0.0 |
| TOTAL           | 904.853 | 0.0 | 0.0 | 550.711 | 0.0 |

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BAXTER PARK INVENTORY 1979; CEDAR TYPES; CSA,CSB,CSC

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TABLE 13: NUMBER OF WOLF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 16  | 17      | 18  | 19 AND LARGER | TOTAL      |
|-----------------|-----|---------|-----|---------------|------------|
| BALSAM FIR      | 0.0 | 0.0     | 0.0 | 0.0           | 14876.711  |
| TAMARACK        | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| BLACK SPRUCE    | 0.0 | 0.0     | 0.0 | 0.0           | 65201.965  |
| RED SPRUCE      | 0.0 | 0.0     | 0.0 | 0.0           | 6192.000   |
| WHITE SPRUCE    | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| RED PINE        | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| WHITE PINE      | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| N. WHITE CEDAR  | 0.0 | 392.582 | 0.0 | 300.121       | 8771.156   |
| EASTERN HEMLOCK | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| OTHER SOFTWOODS | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| RED MAPLE       | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| SUGAR MAPLE     | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| YELLOW BIRCH    | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| PAPER BIRCH     | 0.0 | 0.0     | 0.0 | 0.0           | 52854.824  |
| AMERICAN BEECH  | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| WHITE ASH       | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| OAK             | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| ELM             | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| POPLAR          | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| OTHER HARDWOODS | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| OTHER SPECIES   | 0.0 | 0.0     | 0.0 | 0.0           | 0.0        |
| TOTAL           | 0.0 | 392.582 | 0.0 | 300.121       | 147896.563 |

BAXTOR INVENTORY 1979; TYPE MIXED; M4, M3, M2

PAGE 1

TABLE 13: NUMBER OF WOLF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 1 INCH | 2          | 3          | 4         | 5         |
|-----------------|--------|------------|------------|-----------|-----------|
| BALSAM FIR      | 0.0    | 0.0        | 0.0        | 0.0       | 12163.613 |
| TAXARACK        | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| BLACK SPRUCE    | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| RED SPRUCE      | 0.0    | 51641.715  | 61905.500  | 0.0       | 12163.613 |
| WHITE SPRUCE    | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| RED PINE        | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| WHITE PINE      | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| N. WHITE CEDAR  | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| EASTERN HEMLOCK | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| OTHER SOFTWOODS | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| RED MAPLE       | 0.0    | 116193.875 | 33050.660  | 0.0       | 0.0       |
| SUGAR MAPLE     | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| YELLOW BIRCH    | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| PAPER BIRCH     | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| AMERICAN BEECH  | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| WHITE ASH       | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| OAK             | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| ELM             | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| POPLAR          | 0.0    | 0.0        | 25731.516  | 67743.813 | 32779.941 |
| OTHER HARDWOODS | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| OTHER SPECIES   | 0.0    | 0.0        | 0.0        | 0.0       | 0.0       |
| TOTAL           | 0.0    | 167835.500 | 208516.313 | 67743.813 | 57107.145 |

BAXTOR INVENTORY 1979; TYPE MIXED; M4, M3, M2

TABLE 13: NUMBER OF WOLF TREES BY SPECIES AND DBH CLASS  
ESTIMATED TOTALS

|                 | 6         | 7 | 8         | 9         | 10        |
|-----------------|-----------|---|-----------|-----------|-----------|
| BALSAM FIR      | 25882.855 |   | 24643.223 | 10458.602 | 8131.184  |
| TAMAPACK        | 0.0       |   | 0.0       | 0.0       | 0.0       |
| BLACK SPRUCE    | 0.0       |   | 0.0       | 0.0       | 0.0       |
| RED SPRUCE      | 7262.113  |   | 0.0       | 5288.102  | 0.0       |
| WHITE SPRUCE    | 0.0       |   | 0.0       | 0.0       | 0.0       |
| RED PINE        | 0.0       |   | 0.0       | 0.0       | 0.0       |
| WHITE PINE      | 0.0       |   | 0.0       | 4766.156  | 0.0       |
| N. WHITE CEDAR  | 11725.313 |   | 0.0       | 0.0       | 0.0       |
| EASTERN HEMLOCK | 0.0       |   | 0.0       | 0.0       | 0.0       |
| OTHER SOFTWOODS | 0.0       |   | 0.0       | 0.0       | 0.0       |
| RED MAPLE       | 0.0       |   | 7670.652  | 0.0       | 0.0       |
| SUGAR MAPLE     | 0.0       |   | 0.0       | 0.0       | 0.0       |
| YELLOW BIRCH    | 0.0       |   | 0.0       | 0.0       | 0.0       |
| PAPER BIRCH     | 9532.137  |   | 0.0       | 5016.969  | 3755.284  |
| AMERICAN BEECH  | 0.0       |   | 0.0       | 1877.646  | 0.0       |
| WHITE ASH       | 0.0       |   | 0.0       | 0.0       | 0.0       |
| OAK             | 0.0       |   | 0.0       | 0.0       | 0.0       |
| ELM             | 0.0       |   | 0.0       | 0.0       | 0.0       |
| POPULAR         | 13237.102 |   | 6470.555  | 4317.836  | 4909.207  |
| OTHER HARDWOODS | 0.0       |   | 0.0       | 0.0       | 14288.891 |
| OTHER SPECIES   | 0.0       |   | 0.0       | 0.0       | 0.0       |
| TOTAL           | 67639.438 |   | 38784.426 | 29847.688 | 32962.234 |
|                 |           |   |           |           | 3279.314  |

BAKTOR INVENTORY 1979: TYPE MIXED: M4, M3, M2

TABLE 13: NUMBER OF WOLF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 11       | 12       | 13      | 14       | 15  |
|-----------------|----------|----------|---------|----------|-----|
| BALSAM FIR      | 5512.223 | 4967.820 |         | 0.0      | 0.0 |
| TAMARACK        | 0.0      | 0.0      |         | 0.0      | 0.0 |
| BLACK SPRUCE    | 0.0      | 0.0      |         | 0.0      | 0.0 |
| RED SPRUCE      | 1207.107 | 0.0      |         | 0.0      | 0.0 |
| WHITE SPRUCE    | 0.0      | 0.0      |         | 0.0      | 0.0 |
| RED PINE        | 0.0      | 0.0      |         | 0.0      | 0.0 |
| WHITE PINE      | 0.0      | 0.0      | 951.859 | 0.0      | 0.0 |
| N. WHITE CEDAR  | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| EASTERN HEMLOCK | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| OTHER SOFTWOODS | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| RED MAPLE       | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| SUGAR MAPLE     | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| YELLOW BIRCH    | 0.0      | 2681.975 | 0.0     | 0.0      | 0.0 |
| PAPER BIRCH     | 0.0      | 0.0      | 0.0     | 1759.034 | 0.0 |
| AMERICAN BEECH  | 0.0      | 0.0      | 0.0     | 1561.942 | 0.0 |
| WHITE ASH       | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| OAK             | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| ELM             | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| POPLAR          | 3098.004 | 0.0      | 0.0     | 0.0      | 0.0 |
| OTHER HARDWOODS | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| OTHER SPECIES   | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| TOTAL           | 9817.332 | 7649.793 | 951.859 | 3320.976 | 0.0 |

BAXTOR INVENTORY 1979; TYPE MIXED; M4, M3, M2

TABLE 13: NUMBER OF WOLF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 16       | 17       | 18       | 19 AND LARGER | TOTAL      |
|-----------------|----------|----------|----------|---------------|------------|
| BAL SAM FIR     | 0.0      | 0.0      | 0.0      | 0.0           | 182869.375 |
| TAMARACK        | 0.0      | 0.0      | 0.0      | 0.0           | 0.0        |
| BLACK SPRUCE    | 0.0      | 0.0      | 0.0      | 0.0           | 0.0        |
| RED SPRUCE      | 0.0      | 0.0      | 0.0      | 676.362       | 140144.375 |
| WHITE SPRUCE    | 0.0      | 0.0      | 0.0      | 0.0           | 0.0        |
| POED PINE       | 0.0      | 0.0      | 0.0      | 0.0           | 0.0        |
| WHITE PINE      | 0.0      | 0.0      | 0.0      | 0.0           | 5718.016   |
| N. WHITE CEDAR  | 0.0      | 0.0      | 0.0      | 0.0           | 11725.313  |
| EASTERN HEMLOCK | 0.0      | 0.0      | 1256.698 | 972.261       | 2228.958   |
| OTHER SOFTWOODS | 0.0      | 0.0      | 0.0      | 0.0           | 0.0        |
| RED MAPLE       | 0.0      | 0.0      | 0.0      | 0.0           | 156915.188 |
| SUGAR MAPLE     | 0.0      | 0.0      | 0.0      | 0.0           | 0.0        |
| YELLOW BIRCH    | 1476.338 | 0.0      | 0.0      | 1818.586      | 11491.211  |
| PAPER BIRCH     | 0.0      | 0.0      | 0.0      | 0.0           | 17988.699  |
| AMERICAN BEECH  | 0.0      | 0.0      | 0.0      | 0.0           | 0.0        |
| WHITE ASH       | 0.0      | 0.0      | 0.0      | 0.0           | 0.0        |
| OAK             | 0.0      | 0.0      | 0.0      | 0.0           | 0.0        |
| ELM             | 0.0      | 0.0      | 0.0      | 1003.541      | 5912.746   |
| POPLAR          | 0.0      | 0.0      | 0.0      | 0.0           | 170895.125 |
| OTHER HARDWOODS | 0.0      | 0.0      | 0.0      | 0.0           | 0.0        |
| OTHER SPECIES   | 0.0      | 0.0      | 0.0      | 0.0           | 0.0        |
| TOTAL           | 1476.338 | 1256.698 | 1256.698 | 4470.742      | 705888.000 |

BAXTER PARK INVENTORY 1979; HARDWOOD TYPE; H4, H3, H2

TABLE 13: NUMBER OF WOLF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 1 INCH | 2         | 3        | 4   | 5        |
|-----------------|--------|-----------|----------|-----|----------|
| BALSAM FIR      | 0.0    | 0.0       | 0.0      | 0.0 | 1352.855 |
| TAMARACK        | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| BLACK SPRUCE    | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| RED SPRUCE      | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| WHITE SPRUCE    | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| RED PINE        | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| WHITE PINE      | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| N. WHITE CEDAR  | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| EASTERN HEMLOCK | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| OTHER SOFTWOODS | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| RED MAPLE       | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| SUGAR MAPLE     | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| YELLOW BIRCH    | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| PAPER BIRCH     | 0.0    | 15421.680 | 3463.308 | 0.0 | 0.0      |
| AMERICAN BEECH  | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| WHITE ASH       | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| OAK             | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| ELM             | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| POPLAR          | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| OTHER HARDWOODS | 0.0    | 0.0       | 0.0      | 0.0 | 2201.392 |
| OTHER SPECIES   | 0.0    | 0.0       | 0.0      | 0.0 | 0.0      |
| TOTAL           | 0.0    | 15421.680 | 3463.308 | 0.0 | 3554.249 |

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STATE OF MAINE  
DEPARTMENT OF CONSERVATION  
BUREAU OF FORESTRY  
AUGUSTA, MAINE 04333  
MAINE LOGGING FIRMS (As Amended)

AROOSTOOK COUNTY

|                           |                            |                    |
|---------------------------|----------------------------|--------------------|
| ABC Land Developers, Inc. | RD 2, Box 197              | Presque Isle 04769 |
| John W. Ackerson          | 43 New Sweden Road         | Caribou 04736      |
| Terry Adams               | R.F.D.                     | Houlton 04730      |
| Ashland Lumber            | Clark Road, Box 328        | Ashland 04732      |
| Eugene L. Bates           | Box 12                     | Smyrna Mills 04780 |
| Ramon E. Beaulieu         | E. Chapman Road, R.F.D. #2 | Presque Isle 04769 |
| Big Brook Logging, Inc.   | Box 132                    | Ashland 04732      |
| Kermit Brannen            |                            | Oakfield 04763     |
| Garnet Brewer             | R.F.D.                     | Houlton 04730      |
| Ralph Bubar, Sr.          | R.F.D. #4                  | Houlton 04730      |
| Maurice H. Bugbee         | R.F.D. #2, Box 391         | Presque Isle 04769 |
| Ellery P. Burby           | R.F.D. #1, Box 16          | Ashland 04732      |
| Rodney Carney             |                            | Ashland 04732      |
| Randy Clark               | R.F.D. #1, Box 86F         | Caribou 04736      |
| E. H. Condon              |                            | Presque Isle 04769 |
| Roger Michael Connolly    | R.F.D. #1                  | Caribou 04736      |
| Currier Brothers          | P. O. Box 343              | Ashland 04732      |
| (Almon & Norman Currier)  |                            |                    |
| Currier Logging Inc.      |                            | Oxbow 04764        |
| Cyr Lumber Inc.           | P. O. Box 252              | Portage Lake 04768 |
| Gilman Cyr                |                            | Portage 04768      |
| Odilon Cyr                | Chapman Street             | Presque Isle 04769 |
| Richard F. Doak           | R.F.D. #1, Box 195         | Washburn 04786     |
| Montie Dwyer              | Route 2                    | Houlton 04730      |
| R.C. Eastman & Sons       | R.F.D. #1                  | Costigan 04423     |
| Steven C. Estabrook       | R.F.D. #1, Box 250         | Houlton 04730      |
| George Farrar             | Calais Road                | Houlton 04730      |
| Ronald L. Fournier        | R.F.D. #1, Box 109         | Ashland 04732      |
| Guy Friel & Son           |                            | Smyrna Mills 04780 |
| John Gardner              |                            | Houlton 04730      |
| Fernald Garland           | R.F.D.#2                   | Presque Isle 04769 |
| Arthur Gerow              | R.F.D.                     | Houlton 04730      |
| Carrol P. Gerow           | R.F.D.                     | Smyrna Mills 04780 |
| (Bear Mountain Lodge)     |                            |                    |
| Norman L. Grant Jr.       |                            | Island Falls 04747 |
| Hannington Brothers Inc.  | Market Square              | Houlton 04730      |
| (c/o Gardner & Briggs)    |                            |                    |
| Harland Henderson         | R.F.D.                     | Houlton 04730      |
| Clarence Hersey           | R.F.D.                     | Houlton 04730      |
| Dan Higgins               | P. O. Box 106              | Portage 04768      |
| John Holmquist            | 308 Main Street            | Caribou 04736      |
| Dallas Hosford            | Bangor Road                | Houlton 04730      |
| Milo Irish                | R.F.D. #3                  | Houlton 04730      |
| Katahdin Logging Co.      | 18 Hillview Avenue         | Houlton 04730      |

BAXTER PARK INVENTORY 1979; HARDWOOD TYPE: H4, H3, H2

TABLE 13: NUMBER OF WOLF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 6        | 7   | 8        | 9        | 10       |
|-----------------|----------|-----|----------|----------|----------|
| BALSAM FIR      | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| TAMARACK        | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| BLACK SPRUCE    | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| RED SPRUCE      | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| WHITE SPRUCE    | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| RED PINE        | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| WHITE PINE      | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| N. WHITE CEDAR  | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| EASTERN HEMLOCK | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| OTHER SOFTWOODS | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| RED MAPLE       | 0.0      | 0.0 | 1384.552 | 0.0      | 0.0      |
| SUGAR MAPLE     | 5022.332 | 0.0 | 2942.516 | 2672.089 | 0.0      |
| YELLOW BIRCH    | 0.0      | 0.0 | 927.120  | 0.0      | 0.0      |
| PAPER BIRCH     | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| AMERICAN BEECH  | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| WHITE ASH       | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| OAK             | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| ELM             | 0.0      | 0.0 | 0.0      | 0.0      | 0.0      |
| POPLAR          | 1775.264 | 0.0 | 2871.185 | 376.367  | 1959.651 |
| OTHER HARDWOODS | 920.203  | 0.0 | 0.0      | 0.0      | 0.0      |
| OTHER SPECIES   | 0.0      | 0.0 | 0.0      | 421.441  | 0.0      |
| TOTAL           | 7717.797 | 0.0 | 8125.367 | 3469.898 | 1959.651 |

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TABLE 13: NUMBER OF WOLF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 11      | 12       | 13       | 14      | 15      |
|-----------------|---------|----------|----------|---------|---------|
| BALSAM FIR      | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| TAMARACK        | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| BLACK SPRUCE    | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| RED SPRUCE      | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| WHITE SPRUCE    | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| RED PINE        | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| WHITE PINE      | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| N. WHITE CEDAR  | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| EASTERN HEMLOCK | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| OTHER SOFTWOODS | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| RED MAPLE       | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| SUGAR MAPLE     | 0.0     | 1459.801 | 0.0      | 0.0     | 0.0     |
| YELLOW BIRCH    | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| PAPER BIRCH     | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| AMERICAN BEECH  | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| WHITE ASH       | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| OAK             | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| ELM             | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| POPLAR          | 755.964 | 0.0      | 196.570  | 553.999 | 521.895 |
| OTHER HARDWOODS | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| OTHER SPECIES   | 0.0     | 0.0      | 0.0      | 0.0     | 0.0     |
| TOTAL           | 755.964 | 0.0      | 1656.371 | 553.999 | 521.895 |

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TABLE 13: NUMBER OF WOLF TREES BY SPECIES AND DBH CLASS ESTIMATED TOTALS

|                 | 16  | 17  | 18  | 19 AND LARGER | TOTAL     |
|-----------------|-----|-----|-----|---------------|-----------|
| BALSAM FIR      | 0.0 | 0.0 | 0.0 | 0.0           | 1352.855  |
| TAMARACK        | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| BLACK SPRUCE    | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| RED SPRUCE      | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| WHITE SPRUCE    | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| RED PINE        | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| WHITE PINE      | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| N. WHITE CEDAR  | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| EASTERN HEMLOCK | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| OTHER SOFTWOODS | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| RED MAPLE       | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| SUGAR MAPLE     | 0.0 | 0.0 | 0.0 | 0.0           | 1384.552  |
| YELLOW BIRCH    | 0.0 | 0.0 | 0.0 | 246.678       | 12343.418 |
| PAPER BIRCH     | 0.0 | 0.0 | 0.0 | 123.870       | 1050.990  |
| AMERICAN BEECH  | 0.0 | 0.0 | 0.0 | 0.0           | 18884.988 |
| WHITE ASH       | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| OAK             | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| ELM             | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| POPLAR          | 0.0 | 0.0 | 0.0 | 0.0           | 0.0       |
| OTHER HARDWOODS | 0.0 | 0.0 | 0.0 | 0.0           | 11212.281 |
| OTHER SPECIES   | 0.0 | 0.0 | 0.0 | 0.0           | 920.203   |
| TOTAL           | 0.0 | 0.0 | 0.0 | 370.548       | 421.441   |
|                 |     |     |     |               | 47570.715 |

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Table: 8  
SUMMARY OF STEMS LESS THAN 4.5 FEET IN HEIGHT PER ACRE  
BY SIX MOST COMMON SPECIES AND TYPE

| STAND TYPE | BALSAM FIR<br>STEMS/ACRE | RED SPRUCE<br>STEMS/ACRE | RED MAPLE<br>STEMS/ACRE | SUGAR MAPLE<br>STEMS/ACRE | YELLOW BIRCH<br>STEMS/ACRE | STRIPED MAPLE<br>STEMS/ACRE | TOTAL<br>STEMS/ACRE |
|------------|--------------------------|--------------------------|-------------------------|---------------------------|----------------------------|-----------------------------|---------------------|
| S4         | 296.7                    | 47.9                     | 1064.3                  | 149.0                     | 358.6                      | 453.7                       | 3117.6              |
| BF4A       |                          |                          | 600.0                   |                           | 150.0                      |                             | 750.0               |
| BF4B       |                          |                          | 2550.0                  |                           |                            |                             | 2550.0              |
| SF4A       | 296.3                    | 51.9                     | 937.0                   | 144.4                     | 422.2                      | 340.7                       | 2847.8              |
| SF4B       | 1050.0                   | 1200.0                   | 600.0                   |                           |                            |                             | 4350.0              |
| SF/WP4A    |                          |                          | 150.0                   |                           |                            | 1500.0                      | 1800.0              |
| SFWP4A     | 300.0                    |                          | 7890.0                  | 90.0                      | 200.0                      | 200.0                       | 9370.0              |
| WFSF4A     | 750.0                    |                          | 900.0                   | 375.0                     |                            | 600.0                       | 2625.0              |
| SF/H4A     |                          |                          | 3150.0                  | 60.0                      | 240.0                      | 2550.0                      | 6150.0              |
| SFWP/H4A   | 420.0                    |                          | 1140.0                  |                           | 120.0                      | 210.0                       | 2220.0              |
| S3         | 192.5                    | 85.5                     | 1244.4                  | 46.6                      | 169.1                      | 423.7                       | 2852.5              |
| BF3A       | 150.0                    |                          | 3600.0                  |                           | 450.0                      | 750.0                       | 7200.0              |
| SF3A       | 192.9                    |                          | 1264.3                  | 1050.0                    |                            |                             | 2625.0              |
| SF3B       | 1050.0                   |                          | 150.0                   | 42.9                      | 182.1                      | 300.0                       | 1650.0              |
| SF3C       |                          |                          | 150.0                   |                           |                            |                             | 11850.0             |
| SF/WP3A    |                          |                          | 750.0                   |                           |                            | 120.0                       | 120.0               |
| SFWP3A     | 450.0                    |                          | 225.0                   |                           |                            | 300.0                       | 1500.0              |
| Ta3A       |                          |                          | 2400.0                  |                           |                            |                             | 17100.0             |
| TaSF3A     |                          |                          |                         |                           |                            |                             | 4350.0              |
| BF/H3C     |                          |                          |                         |                           |                            |                             | 2400.0              |
| SF/H3A     | 90.0                     |                          | 1200.0                  |                           | 150.0                      | 1500.0                      | 3360.0              |
| SF/H3B     |                          |                          | 2250.0                  |                           |                            |                             | 3000.0              |
| SF/H3C     |                          |                          | 150.0                   |                           |                            |                             | 2400.0              |
| S2         | 289.2                    | 97.3                     |                         |                           |                            |                             | 762.2               |
| SF2A       |                          |                          |                         |                           |                            |                             | 600.0               |
| SF2C       | 300.0                    |                          | 2700.0                  |                           |                            |                             | 5100.0              |
| CS4        | 252.6                    | 126.3                    | 295.7                   |                           |                            |                             | 2470.9              |
| CS4A       | 300.0                    |                          | 300.0                   |                           |                            |                             | 2250.0              |
| CS4B       |                          |                          |                         |                           |                            |                             | 3420.0              |
| CS4C       |                          |                          | 750.0                   |                           |                            |                             | 4050.0              |
| CS3        | 161.0                    | 55.0                     | 387.1                   |                           | 110.1                      | 246.9                       | 3398.3              |
| CS3A       | 90.0                     |                          | 90.0                    |                           |                            | 390.0                       | 2750.0              |
| CS3B       | 300.0                    | 150.0                    | 900.0                   |                           | 300.0                      |                             | 4500.0              |
| CS2        |                          |                          | 281.3                   |                           |                            |                             | 10546.9             |
| CS2A       |                          |                          | 900.0                   |                           |                            |                             | 2250.0              |
| CS2B       |                          |                          | 900.0                   |                           |                            |                             | 4500.0              |
| CS2C       |                          |                          |                         |                           |                            |                             | 13500.0             |

Table: 8  
SUMMARY OF STEMS LESS THAN 4.5 FEET IN HEIGHT PER ACRE  
BY SIX MOST COMMON SPECIES AND TYPE

| STAND TYPE | BALSAM FIR<br>STEMS/ACRE | RED SPRUCE<br>STEMS/ACRE | RED MAPLE<br>STEMS/ACRE | SUGAR MAPLE<br>STEMS/ACRE | YELLOW BIRCH<br>STEMS/ACRE | STRIPED MAPLE<br>STEMS/ACRE | TOTAL<br>STEMS/ACRE |
|------------|--------------------------|--------------------------|-------------------------|---------------------------|----------------------------|-----------------------------|---------------------|
| S4         | 296.7                    | 47.9                     | 1064.3                  | 149.0                     | 358.6                      | 453.7                       | 3117.6              |
| BF4A       |                          |                          | 600.0                   |                           | 150.0                      |                             | 750.0               |
| BF4B       |                          |                          | 2550.0                  |                           |                            |                             | 2550.0              |
| SF4A       | 296.3                    | 51.9                     | 937.0                   | 144.4                     | 422.2                      | 340.7                       | 2847.8              |
| SF4B       | 1050.0                   | 1200.0                   | 600.0                   |                           |                            |                             | 4350.0              |
| SF/WP4A    |                          |                          | 150.0                   |                           |                            | 1500.0                      | 1800.0              |
| SFWP4A     | 300.0                    |                          | 7890.0                  | 90.0                      | 200.0                      | 200.0                       | 9370.0              |
| WFSF4A     | 750.0                    |                          | 900.0                   | 375.0                     |                            | 600.0                       | 2625.0              |
| SF/H4A     |                          |                          | 3150.0                  | 60.0                      | 240.0                      | 2550.0                      | 6150.0              |
| SFWP/H4A   | 420.0                    |                          | 1140.0                  |                           | 120.0                      | 210.0                       | 2220.0              |
| S3         | 192.5                    | 85.5                     | 1244.4                  | 46.6                      | 169.1                      | 423.7                       | 2852.5              |
| BF3A       | 150.0                    |                          | 3600.0                  |                           | 450.0                      | 750.0                       | 7200.0              |
| SF3A       | 192.9                    | 300.0                    | 1264.3                  | 1050.0                    |                            | 300.0                       | 2625.0              |
| SF3B       | 1050.0                   | 96.4                     | 150.0                   | 42.9                      | 182.1                      |                             | 1650.0              |
| SF3C       |                          | 300.0                    | 150.0                   |                           |                            |                             | 11850.0             |
| SF/WP3A    |                          |                          | 750.0                   |                           |                            | 120.0                       | 120.0               |
| SFWP3A     | 450.0                    |                          | 225.0                   |                           |                            | 300.0                       | 1500.0              |
| Ta3A       |                          |                          | 2400.0                  |                           |                            |                             | 17100.0             |
| TaSF3A     | 900.0                    |                          |                         |                           |                            |                             | 4350.0              |
| BF/H3C     |                          |                          | 1200.0                  |                           | 150.0                      | 1500.0                      | 2400.0              |
| SF/H3A     | 90.0                     |                          | 2250.0                  |                           |                            |                             | 3600.0              |
| SF/H3B     |                          |                          | 150.0                   |                           |                            |                             | 3000.0              |
| SF/H3C     |                          |                          |                         |                           |                            |                             | 2400.0              |
| S2         | 289.2                    | 97.3                     |                         |                           |                            |                             | 762.2               |
| SF2A       | 300.0                    |                          |                         |                           |                            |                             | 600.0               |
| SF2C       |                          | 2700.0                   |                         |                           |                            |                             | 5100.0              |
| CS4        | 252.6                    | 126.3                    | 295.7                   |                           |                            |                             | 2470.9              |
| CS4A       | 300.0                    | 150.0                    | 300.0                   |                           |                            |                             | 2250.0              |
| CS4B       |                          |                          | 750.0                   |                           |                            |                             | 3420.0              |
| CS4C       |                          |                          |                         |                           |                            |                             | 4050.0              |
| CS3        | 161.0                    | 55.0                     | 387.1                   |                           | 110.1                      | 246.9                       | 3398.3              |
| CS3A       | 90.0                     |                          | 90.0                    |                           |                            | 390.0                       | 2750.0              |
| CS3B       | 300.0                    | 150.0                    | 900.0                   |                           | 300.0                      |                             | 4500.0              |
| CS2        |                          |                          | 281.3                   |                           |                            |                             | 10546.9             |
| CS2A       |                          |                          | 900.0                   |                           |                            |                             | 2250.0              |
| CS2B       |                          |                          | 900.0                   |                           |                            |                             | 4500.0              |
| CS2C       |                          |                          |                         |                           |                            |                             | 13500.0             |

| STAND TYPE  | BALSAM FIR<br>STEMS/ACRE | RED SPRUCE<br>STEMS/ACRE | RED MAPLE<br>STEMS/ACRE | SUGAR MAPLE<br>STEMS/ACRE | YELLOW BIRCH<br>STEMS/ACRE | STRIPED MAPLE<br>STEMS/ACRE | TOTAL<br>STEMS/ACRE |
|-------------|--------------------------|--------------------------|-------------------------|---------------------------|----------------------------|-----------------------------|---------------------|
| H4          | 2479.0                   | 227.2                    | 879.3                   | 2401.8                    |                            | 317.1                       | 7804.5              |
| H1H/sF4A    | 3750.0                   | 300.0                    | 900.0                   |                           |                            | 150.0                       | 6300.0              |
| H/sF4A      | 150.0                    | 150.0                    | 750.0                   | 14700.0                   |                            | 450.0                       | 19050.0             |
| H4A         |                          |                          | 900.0                   | 1800.0                    |                            | 750.0                       | 5100.0              |
| H3          | 850.1                    | 326.8                    | 1187.2                  | 466.3                     |                            | 1315.5                      | 6692.5              |
| H/sF3A      | 1800.0                   | 600.0                    | 900.0                   | 351.0                     |                            | 1599.0                      | 6750.0              |
| H/sF3B      | 180.0                    | 60.0                     | 1080.0                  | 660.0                     |                            | 1080.0                      | 6900.0              |
| H/sF3C      | 150.0                    | 150.0                    | 750.0                   |                           |                            | 2700.0                      | 4200.0              |
| H3A         |                          |                          | 3600.0                  |                           |                            | 1050.0                      | 6000.0              |
| H3B         | 1350.0                   | 1200.0                   | 300.0                   | 1200.0                    |                            | 600.0                       | 7200.0              |
| H3C         | 750.0                    | 150.0                    | 150.0                   |                           |                            | 4200.0                      | 13650.0             |
| H3C - Ledge |                          |                          |                         |                           |                            |                             | 1200.0              |
| H2          | 379.5                    | 245.3                    | 2728.2                  | 21127.1                   |                            | 245.3                       | 27354.7             |
| H1H/sF2A    |                          |                          | 1650.0                  |                           |                            | 150.0                       | 3300.0              |
| H/sF2B      | 1800.0                   | 450.0                    | 4500.0                  | 43800.0                   |                            | 4500.0                      | 3900.0              |
| H2A         |                          |                          | 300.0                   |                           |                            |                             | 52950.0             |
| H2B         |                          |                          | 900.0                   |                           |                            |                             | 6150.0              |
| H2C - Ledge | 150.0                    |                          |                         |                           |                            |                             | 3150.0              |
| M4          | 206.7                    | 270.9                    | 861.4                   | 390.4                     | 46.5                       | 1308.9                      | 4640.9              |
| sFH4A       | 270.0                    | 390.0                    | 1200.0                  | 600.0                     |                            | 1590.0                      | 6270.0              |
| sFH4B       |                          |                          | 750.0                   |                           | 30.0                       |                             | 9900.0              |
| sF4HC       | 4650.0                   | 150.0                    | 750.0                   |                           | 300.0                      | 150.0                       | 9600.0              |
| sFwPH4A     |                          |                          | 150.0                   |                           |                            | 2400.0                      | 3000.0              |
| HsF4A       | 90.0                     |                          | 510.0                   |                           |                            |                             | 600.0               |
| HsF4A       |                          |                          |                         |                           | 300.0                      |                             | 750.0               |
| M3          | 550.5                    | 208.4                    | 2115.4                  | 171.5                     | 402.5                      | 209.0                       | 3837.9              |
| sFH3A       | 780.0                    | 360.0                    | 1020.0                  |                           |                            | 60.0                        | 4680.0              |
| sH3A        | 300.0                    |                          | 750.0                   |                           | 90.0                       |                             | 2400.0              |
| sF1H3A      |                          |                          | 900.0                   |                           |                            | 600.0                       | 1800.0              |
| sFH3B       | 150.0                    | 300.0                    | 300.0                   |                           |                            |                             | 2550.0              |
| sH3B        | 150.0                    |                          | 150.0                   |                           |                            |                             | 1350.0              |
| sFH3C       |                          | 300.0                    | 300.0                   |                           | 300.0                      |                             | 1650.0              |
| HsF3A       | 510.0                    | 150.0                    | 1590.0                  | 750.0                     |                            | 90.0                        | 3750.0              |
| HsF3A       | 90.0                     |                          | 990.0                   | 240.0                     | 300.0                      | 150.0                       | 2940.0              |
| Hs3A        |                          | 600.0                    |                         | 300.0                     |                            |                             | 3300.0              |
| HsF3B       | 900.0                    |                          | 9750.0                  |                           |                            | 825.0                       | 4575.0              |
| HsF3B       | 300.0                    | 150.0                    | 2100.0                  |                           | 600.0                      |                             | 900.0               |
| Hs3B        | 900.0                    | 300.0                    | 4050.0                  |                           |                            | 5400.0                      | 11250.0             |
| HsF3C       |                          | 300.0                    | 300.0                   |                           |                            |                             | 2400.0              |
| M2          | 564.5                    | 276.3                    | 1657.9                  |                           |                            | 690.8                       | 4439.9              |
| sFH2A       | 150.0                    | 300.0                    | 1800.0                  |                           |                            | 750.0                       | 1050.0              |
| HsF2A       | 600.0                    |                          |                         |                           |                            |                             | 4350.0              |

STATE OF MAINE  
DEPARTMENT OF CONSERVATION  
BUREAU OF FORESTRY  
AUGUSTA, MAINE 04333  
MAINE LOGGING FIRMS (As Amended)

AROOSTOOK COUNTY

|                           |                            |                    |
|---------------------------|----------------------------|--------------------|
| ABC Land Developers, Inc. | RD 2, Box 197              | Presque Isle 04769 |
| John W. Ackerson          | 43 New Sweden Road         | Caribou 04736      |
| Terry Adams               | R.F.D.                     | Houlton 04730      |
| Ashland Lumber            | Clark Road, Box 328        | Ashland 04732      |
| Eugene L. Bates           | Box 12                     | Smyrna Mills 04780 |
| Ramon E. Beaulieu         | E. Chapman Road, R.F.D. #2 | Presque Isle 04769 |
| Big Brook Logging, Inc.   | Box 132                    | Ashland 04732      |
| Kermit Brannen            |                            | Oakfield 04763     |
| Garrnet Brewer            | R.F.D.                     | Houlton 04730      |
| Ralph Bubar, Sr.          | R.F.D. #4                  | Houlton 04730      |
| Maurice H. Bugbee         | R.F.D. #2, Box 391         | Presque Isle 04769 |
| Ellery P. Burby           | R.F.D. #1, Box 16          | Ashland 04732      |
| Rodney Carney             |                            | Ashland 04732      |
| Randy Clark               | R.F.D. #1, Box 86F         | Caribou 04736      |
| E. H. Condon              |                            | Presque Isle 04769 |
| Roger Michael Connolly    | R.F.D. #1                  | Caribou 04736      |
| Currier Brothers          | P. O. Box 343              | Ashland 04732      |
| (Almon & Norman Currier)  |                            |                    |
| Currier Logging Inc.      |                            | Oxbow 04764        |
| Cyr Lumber Inc.           | P. O. Box 252              | Portage Lake 04768 |
| Gilman Cyr                |                            | Portage 04768      |
| Odilon Cyr                | Chapman Street             | Presque Isle 04769 |
| Richard F. Doak           | R.F.D. #1, Box 195         | Washburn 04786     |
| Montie Dwyer              | Route 2                    | Houlton 04730      |
| R.C. Eastman & Sons       | R.F.D. #1                  | Costigan 04423     |
| Steven C. Estabrook       | R.F.D. #1, Box 250         | Houlton 04730      |
| George Farrar             | Calais Road                | Houlton 04730      |
| Ronald L. Fournier        | R.F.D. #1, Box 109         | Ashland 04732      |
| Guy Friel & Son           |                            | Smyrna Mills 04780 |
| John Gardner              |                            | Houlton 04730      |
| Fernald Garland           | R.F.D.#2                   | Presque Isle 04769 |
| Arthur Gerow              | R.F.D.                     | Houlton 04730      |
| Carrol P. Gerow           | R.F.D.                     | Smyrna Mills 04780 |
| (Bear Mountain Lodge)     |                            |                    |
| Norman L. Grant Jr.       |                            | Island Falls 04747 |
| Hannington Brothers Inc.  | Market Square              | Houlton 04730      |
| (c/o Gardner & Briggs)    |                            |                    |
| Harland Henderson         | R.F.D.                     | Houlton 04730      |
| Clarence Hersey           | R.F.D.                     | Houlton 04730      |
| Dan Higgins               | P. O. Box 106              | Portage 04768      |
| John Holmquist            | 308 Main Street            | Caribou 04736      |
| Dallas Hosford            | Bangor Road                | Houlton 04730      |
| Milo Irish                | R.F.D. #3                  | Houlton 04730      |
| Katahdin Logging Co.      | 18 Hillview Avenue         | Houlton 04730      |

AROOSTOOK COUNTY (Cont'd)

|  |                            |                     |
|--|----------------------------|---------------------|
| Bob Kilpatrick   | P. O. Box 34               | Ashland 04732       |
| Albert LaFerriere  | Lot 24, P. I. Trailer Park | Presque Isle 04769  |
| Antonio Levesque & Sons Inc.                               | R.F.D. #1                  | Ashland 04732       |
| John Richard Jones   | Dyer Brook R.F.D. #2       | Island Falls 04747  |
| Kelse McGary   | 80 High Street             | Houlton 04730       |
| Darrell C. McGuire   | R.F.D. #2                  | Houlton 04730       |
| Robert McIntosh<br>(BCM Company)                           | Portage Road, Box 120      | Ashland 04732       |
| Lendell McKee, Inc.  | R.F.D. #1                  | Ashland 04732       |
| Robert W. McMannus   |                            | Smyrna Mills 04780  |
| Moosehorn Lumbering Inc.                                   | P.O. Box 336               | Ashland 04732       |
| Morin & Morin  |                            | Ashland 04732       |
| Charles Murray   |                            | Woodland 04694      |
| Leo A. Nadeau, Jr.   |                            | Mapleton 04757      |
| Nevers Corp.   | Box 101                    | Oakfield 04763      |
| Robert Osnoe   |                            | Sherman Mills 04776 |
| Joseph A. Paradis  | P. O. Box 75               | Portage Lake 04768  |
| Pelletier & Sons   |                            | Portage Lake 04768  |
| Reginald Pinette   |                            | Portage 04768       |
| Portage Timber Inc.  | Box 377                    | Ashland 04732       |
| Robert Quirion   |                            | Oxbow 04764         |
| Herbert Rhoda  | R.F.D.                     | Houlton 04730       |
| Rocabema Logs & Pulpwood<br>(Carroll Gerow & J. R. Savage) |                            | Smyrna Mills 04780  |
| Albert Roy   | R.F.D. #4                  | Caribou 04736       |
| St. Croix Pulpwood Co.                                     | Mill Street                | Woodland 04694      |
| Jack Scott   |                            | Hodgdon 04730       |
| Joseph Bernard Siltz                                       | R.F.D. #4                  | Houlton 04730       |
| Darrell Smith  | R.F.D.                     | Caribou 04736       |
| Alberie J. Soucy   | Box 82                     | Portage Lake 04768  |
| Herbert Sullivan   |                            | Oxbow 04764         |
| Donald J. Swallow Jr.                                      | Box 594                    | Houlton 04730       |
| Richard Theriault  | Mapleton Road              | Ashland 04732       |
| Wilfred Theriault  | Box 17                     | Portage Lake 04768  |
| Franklin Vance<br>(Cedar Springs Stables)                  | Kelly Hill Road            | Sherman Mills 04776 |
| Vaughan Walker Corp.                                       | R.F.D. #2                  | Island Falls 04747  |
| George Winslow   |                            | Ashland 04732       |
| Merle L. York  |                            | Smyrna Mills 04780  |

PENOBSCOT COUNTY

|  |                      |                       |
|--|----------------------|-----------------------|
| Andrews & Lane Inc.                        | 75 Main Street       | Lincoln 04457         |
| Bragdon Oil Co. Inc.<br>(Bragdon Trucking) | 90 Rhode Island Ave. | Millinocket 04462     |
| Jack Craig                                 |                      | Patten 04765          |
| Michael E. Craig                           |                      | Patten 04765          |
| George H. Cullens                          |                      | Sherman Station 04777 |
| Cecil B. Cummings                          | Star Route           | Sherman Station 04777 |
| Alberie Daigle                             | Route 1 Box 62       | Lincoln 04457         |
| Raymond Dube & Son, Inc.                   | Route 1 Box 68       | Lincoln 04457         |
| Delmont L. Glidden                         | R.F.D. #1            | Patten 04765          |

PENOBSCOT COUNTY (Cont'd)

|                             |                        |                       |
|-----------------------------|------------------------|-----------------------|
| Grant Forest Products, Inc. | Box 17                 | Winn 04495            |
| Great Northern Paper Co.    | Woodlands              | Millinocket 04462     |
| Robert L. Harmon, Sr.       |                        | Lincoln Center 04458  |
| Herbert C. Haynes, Inc.     |                        | Winn 04495            |
| James E. Ireland            |                        | Lincoln Center 04458  |
| Herbert S. Libby, Sr.       |                        | Mattawamkeag 04459    |
| John G. McAvoy              |                        | Sherman Station 04777 |
| Calvin W. McCarthy, Jr.     | Box 176                | Grindstone 04765      |
| Calvin R. McCarthy          | Box 176                | Patten 04765          |
| Hayden McCarthy             |                        | Mattawamkeag 04459    |
| Clermont Pedneault          | Milletts Trailer Court | Lincoln 04457         |
| Milford Pelkey              | R.R. Box 76            | Lincoln Center 04458  |
| Perkins & Porter, Inc.      |                        | Patten 04765          |
| Richard W. Peters           | Box 54                 | Winn 04495            |
| Gilbert E. Solomon          | R.F.D.                 | Lincoln Center 04458  |
| Robinson Timberlands, Inc.  |                        | Sherman Station 04777 |
| Wayne Shaw                  |                        | Lincoln Center 04458  |
| Arnold H. Shorey            |                        | Patten 04765          |
| Calvin Thompson             | Box 206                | Lincoln 04457         |
| (Forestry Products, Inc.)   |                        |                       |
| Richard I. Thurlow          | R.F.D. #1, Box 176     | Lincoln 04457         |
| Robert Ernest Tolman        |                        | Lincoln Center 04458  |
| Maxine Voisine              |                        | Chester 04458         |
| Clifton F. Webster          |                        | Patten 04765          |
| Woodland Services           | P. O. Box 328          | Lincoln 04457         |

PISCATAQUIS COUNTY

|                              |                      |                           |
|------------------------------|----------------------|---------------------------|
| Carroll Arey, Inc.           | West Street          | Greenville 04441          |
| Gregory Ernest Aucoin        |                      | Greenville Junction 04442 |
| Roger W. Barnett             |                      | Brownville 04414          |
| Bernard Beckwith             |                      | Shirley Mills 04485       |
| Mari Louise Boucher          |                      | Greenville Junction 04442 |
| Boulette Lumber Co., Inc.    | P. O. Box 303        | Greenville Junction 04442 |
| Robert Brown                 |                      | Brownville 04414          |
| Hugh Davis                   |                      | Shirley Mills 04485       |
| Paul N. Foulkes              | R.F.D. #1            | Brownville 04414          |
| Earl Gerrish, Jr.            | Stickney Hill Road   | Brownville 04414          |
| Hayes Enterprises, Inc.      |                      | Shirley Mills 04485       |
| Louis Hilton                 | Norris Avenue        | Greenville 04441          |
| David A. Holmbom             |                      | Greenville Junction 04442 |
| Ken Hughes                   | Box 165              | Greenville 04443          |
| Gerald Ladd                  | 36 River Street      | Milo, 04463               |
| John E. Leeman               |                      | Brownville 04414          |
| John K. Lyford               | R.F.D. #1            | Milo 04463                |
| Percy J. Lyford, Jr.         | R.F.D. #1            | Milo 04463                |
| Steven O. Mason              | Box 201              | Greenville 04441          |
| Richard Mayo                 | Elmwood Park         | Milo 04463                |
| John P. Richards & Son, Inc. |                      | Greenville 04441          |
| Gary A. Robinson             | 22 Highland Avenue   | Milo 04463                |
| Fernand Roussel              | Pine Street, Box 352 | Brownville Jct. 04415     |

PISCATAQUIS COUNTY (Cont'd)

James Sickler  
Dwight H. Spencer  
Douglas A. Thomas  
Don A. Tompkins, Inc.  
Stephen Thomas Webb  
Parker Willinski  
Lloyd Worster, Jr.

P. O. Box 32  
Box 743  
Box 1106  
25 Gould Street  
R.F.D. #1  
Craft Road

Brownville 04414  
Greenville Junction 04442  
Greenville 04441  
Greenville 04441  
Milo 04463  
Milo 04463  
Greenville Jct. 04442

*file*

This letter was mailed to all businesses on the attached sheet



AUTHORITY MEMBERS  
Glenn Manuel  
COMMISSIONER, INLAND  
FISHERIES AND WILDLIFE

Richard S. Cohen, Chairman  
ATTORNEY GENERAL

Kenneth G. Stratton  
DIRECTOR, BUREAU OF FORESTRY

PARK HEADQUARTERS  
A. LEE TIBBS, DIRECTOR  
IRVIN C. CAVERLY, JR., SUPERVISOR  
HELEN GIFFORD, RESERVATION CLERK  
64 BALSAM DRIVE  
MILLINOCKET, MAINE 04462  
TEL. AC 207-723-5140

December 19, 1979

Dear Sir:

Currently, a forest management plan for the Baxter State Park's Scientific Forest Management area is being developed. As a part of this, we are attempting to compile a list of available markets and current specifications and prices. Would it be possible to obtain this information pertaining to your firm?

Also, if you maintain a mailing list of raw material suppliers, would you please add us to your list. Our address is:

Forester  
Baxter State Park  
64 Balsam Drive  
Millinocket, Maine 04462

Thank you for your cooperation.

Sincerely,

A handwritten signature in cursive script that reads "Paul Rumney".

Paul Rumney  
Forest Technician

PR/bws

MAINE FOREST SERVICE

MAINE PRIMARY FOREST PRODUCTS MANUFACTURERS  
(As Amended)

MILL SIZE CLASS

Based on Annual Production

S = Softwood  
H = Hardwood

MILL TYPE

B ... Bolter  
C ... Cooperage  
Ch ... Pulp Chips  
F ... Fencing  
L ... Long Lumber  
LX ... Custom Sawing  
Lumber  
P ... Personal Use  
P&P... Pulp & Paper  
Ply... Plywood  
Sh ... Shingles  
ShX... Custom Sawing  
Shingles  
T ... Railroad Ties  
V ... Veneer  
X ... Custom Sawing  
SG ... Sashgang

MILL EQUIPMENT

(D) ... Debarker  
(K) ... Dry Kiln  
(Ch) ... Chipper  
(P) ... Single or Dbl. Surface Planer  
(M) ... Moulder or 4 Sider

SPECIES USED

1 ... balsam fir  
2 ... cedar  
3 ... hemlock  
4 ... red (norway) pine  
5 ... pitch pine  
6 ... white pine  
7 ... spruce  
8 ... tamarack (hackmatack, juniper)  
9 ... mixed softwood (excluding ceda  
11 ... white ash  
12 ... aspen (popple)  
13 ... basswood  
14 ... beech  
15 ... white birch  
16 ... yellow birch  
17 ... hard (rock, sugar) maple  
18 ... red oak  
19 ... gray birch  
20 ... elm  
21 ... soft (red, white) maple  
22 ... white oak  
23 ... brown ash  
24 ... balsam poplar  
25 ... mixed hardwoods (excluding  
aspen, basswood, balsam poplar

| MILL SIZE CLASS | MILL TYPE | MILL EQUIPMENT | SPECIES USED |
|-----------------|-----------|----------------|--------------|
| S               | or H      | ...            | ...          |
| S1              | H1        | ...            | ...          |
| S2              | H2        | ...            | ...          |
| S3              | H3        | ...            | ...          |
| S4              | H4        | ...            | ...          |
| S5              | H5        | ...            | ...          |
| S6              | H6        | ...            | ...          |
| S7              | H7        | ...            | ...          |
| S8              | H8        | ...            | ...          |
| S9              | H9        | ...            | ...          |
| S10             | H10       | ...            | ...          |
| S11             | H11       | ...            | ...          |

NOTE: 1. Asterisk (\*) prior to name of mill indicates that the primary processing mill did not operate in 1978. In some cases the secondary processing phase of the mill operation was active. Mills not operating for two or more years are removed from the list.

2. This list is published for your benefit and in order to make future editions of this as accurate as possible we would like to be advised of any errors.

3. Questions concerning this listing should be directed to George H. Bourassa, Utilization Forester, Maine Forest Service, State Office Bldg. Augusta, Maine 04333.

4. "(R)" following the name of mill indicates a response to the letter requesting further information.

NAME OF MILL

AROOSTOOK COUNTY

| <u>(Township)</u><br><u>LOCATION</u>               | <u>SIZE</u><br><u>CLASS</u> | <u>MILL</u><br><u>TYPE</u> | <u>MAILING ADDRESS</u>                                  | <u>PRODUCTS &amp; SPECIES</u>                                     |
|--|-----------------------------|----------------------------|---|---|
| John Akerson                                       | H1                          | LX (P)                     | MRA, Caribou 04736<br>Tel. 496-2451                     | Lumber 21   |
| Ashland Lumber Inc.                                | S6                          | L (D,Ch)                   | Box 328, Clark Road<br>Ashland 04732 Tel. 435-6991      | Lumber 6, 7   |
| Beaulieu Bros. Lbr.                                | S4H1                        | L (P,M)                    | RFD #2, Presque Isle 04769<br>Tel. 764-4652             | Lumber 1,2,3,6,7,15,16,17   |
| Big John's Shingle Mill                            | S5                          | Sh                         | 308 Main St., Caribou 04736<br>Tel. 492-5151            | Shingles 2  |
| Columbia Plywood Corp.<br>Indian Head Division (R) | H6                          | V                          | Presque Isle 04769<br>Tel. 764-4428                     | Veneer 15,16,18   |
| County Forest Products                             | S4                          | L                          | Box 297, Patten 04765<br>Tel. 528-2295                  | Dimension lumber 6,7  |
| Diamond International<br>Corporation               | S9H                         | Ch                         | Old Town 04468<br>Tel. 827-7711                         | Whole tree chips 1,3,7,25   |
| Luther B. Ellis                                    | S1                          | LX                         | RFD #1, Box 308, Ashland<br>04732 Tel. 764-1332         | Lumber 1,7  |
| Guy Friel & Sons                                   | S5H5                        | L (D,Ch,<br>P,M,K)         | Smyrna Mills 04780<br>Tel. 757-8201                     | Landscaping ties, furring<br>3,6,7,11,12,13,14,16,17,<br>20,21,23 |
| Great Northern Paper Co.                           | S11H2                       | Ch                         | Millinocket 04462<br>Tel. 723-5131                      | Whole tree chips<br>1,3,7,12                                      |
| Houlton International                              | H5                          | B (D,P,<br>M,K)            | Box 550, Houlton Airport<br>Houlton 04730 Tel. 532-2257 | Squares 11,16,17  |
| International Paper Co. (R)                        | Pulpwood<br>Conc. Yd.       | Island<br>Falls            | Island Falls 04747<br>1-463-2563                        | All species   |

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| <u>NAME OF MILL</u>                                | <u>(Township)<br/>LOCATION</u> | <u>SIZE<br/>CLASS</u> | <u>MILL<br/>TYPE</u>    | <u>MAILING ADDRESS</u>                              | <u>PRODUCTS &amp; SPECIES</u>                         |
|--|--------------------------------|-----------------------|-------------------------|---|---|
| <u>AROOSTOOK COUNTY (Cont'd)</u>                   |                                |                       |                         |   |   |
| Island Falls Cedar Mill<br>(L.C. Andrew Inc.)      | Island Falls                   | S5                    | F (D, B, M)             | South Windham 04082<br>Tel. 892-8561                | Fencing, log cabin stock<br>2                         |
| Katahdin Forest Products                           | Oakfield                       | S5                    | F                       | P. O. Box 145, Oakfield<br>04763 Tel. 757-8278      | Cedar log homes, fencing<br>2                         |
| Levesque Lumber, Inc. (R)                          | Masardis                       | S9                    | L (D, Ch, P, M, K) Band | RFD #1, Ashland 04732<br>Tel. 435-3011              | Lumber 1, 7   |
| Morin & Morin                                      | Ashland                        | S4H                   | L (D, P)                | Ashland 04732<br>Tel. 435-4741                      | Lumber 1, 3, 6, 7, 21                                 |
| Morneau Bros.                                      | Presque Isle                   | S3                    | L (M)                   | RFD #2, Presque Isle<br>04769 Tel. 769-1261         | Lumber 1, 7   |
| Pinkham Lumber (Div. of<br>Great Northern Nekoosa) | Nashville<br>Pit.              | S11                   | L (D, Ch, P, M, K)      | P. O. Box O, Ashland<br>04732 Tel 435-3281          | Lumber 1, 3, 6, 7, 11, 14,<br>15, 16, 17, 18, 20      |
| Tupper Bros.                                       | Perham                         | S1                    | L (P)                   | Box 75, Perham 04766<br>Tel. 455-4958               | Lumber 1, 7   |
| Weeks Barrel Mill                                  | Masardis                       | S1                    | C (P)                   | Sterling Ridge Road, Ashland<br>04732 Tel. 435-6369 | Cooperage 2   |
| <u>PENOBSCOT COUNTY</u>                            |                                |                       |                         |   |   |
| Diamond International<br>Corporation               | Passadumkeag                   | S10                   | Ch-L<br>(D, K, Ch)      | Stud Mill, Passadumkeag<br>04475 Tel. 732-3121      | Studs 1, 3, 7   |
| Forster Mfg. Co. Inc. (R)                          | Mattawamkeag                   | H7                    | B (D, Ch, M, K)         | Mattawamkeag 04459<br>Tel. 736-3011 or 684-3121     | Clothespins - skewers<br>15, 16, 17                   |
| Great Northern Paper Co. (R)                       | East<br>Millinocket            | S11H6                 | P & P                   | East Millinocket 04430<br>Tel. 723-5131             | Newsprint, spec. paper<br>2, 3, 6, 11, 14, 16, 17, 21 |

NAME OF MILL

PENOBSCOT COUNTY (Cont'd)

| <u>NAME OF MILL</u>                                       | <u>(Township)<br/>LOCATION</u> | <u>SIZE<br/>CLASS</u> | <u>MILL<br/>TYPE</u>    | <u>MAILING ADDRESS</u>                                   | <u>PRODUCTS &amp; SPECIES</u>  |
|---|--------------------------------|-----------------------|-------------------------|--|--|
| Great Northern Paper Co. (R)                              | Millinocket                    | S11H6                 | P & P                   | Central St., Millinocket<br>04462 Tel. 723-5131 Ext. 566 | Newsprint, spec. paper<br>2,3,6,11,16,17,21                            |
| Haskell Lumber Inc.                                       | Lincoln<br>Center              | S6                    | L (D,Ch,<br>P,M)        | Lincoln Center 04458<br>Tel. 794-6113                    | Lumber 1,3,4,6,7   |
| Houghton Cedar Products Co.                               | Lee                            | S4                    | F (M)                   | Lee 04455<br>Tel. 738-2105                               | Fence, Cabin logs 2  |
| J. M. Huber Corp. (R)                                     | Patten                         | H6                    | Ply V<br>(D,Ch)         | Patten 04765<br>Tel. 528-2207                            | Hdw veneer, plywood &<br>shook 11,12,13,14,16,17,<br>21                |
| Lincoln Pulp & Paper Co.                                  | Lincoln                        | H11                   | P & P                   | Lincoln 04457<br>Tel. 794-6721                           | Pulp & paper, tissues<br>25  |
| Maine Lumber Corp.  | W. Enfield                     | S6                    | L                       | 1037 Forest Ave., Portland<br>04101 Tel. 797-7611        | Lumber 3,6,7   |
| Mallett's Mill  | Lee                            | S4H1                  | L (M)                   | RFD #1, Lee 04455<br>Tel. 738-2235                       | Dimension & Sheathing<br>cedar cabin 1,2,3,6,7,<br>8,11,12,14,16,17,21 |
| McLaughlin Lumber   | Medway                         | S1                    | L (M)                   | Medway 04460<br>Tel. 746-5382                            | Lumber 2,3,6,7   |
| North Star Lumber Co.<br>(Div. of Northern Products Inc.) | Enfield                        | S7                    | L<br>(D,Ch,K)           | P. O. Box 38, Enfield<br>04433 Tel. 942-0355             | Lumber 3,6,7   |
| Sherman Lumber Co. (2)                                    | Sherman<br>Station             | S7H6                  | L (D,Ch,P,<br>M,K) Band | Sherman Station 04777<br>Tel. 365-4211                   | Lbr & pulpwood chips<br>3,4,6,7,11,13,14,15,<br>16,17,18,21            |
| South Branch Lbr. Co.                                     | Howland                        | S6H3                  | L (D,Ch,P,<br>M,K)      | Howland 04448<br>Tel. 732-3525 or 4151                   | Lumber, pallets, paddles<br>& oars 3,6,7,11,17,21                      |

NAME OF MILLPENOBSCOT COUNTY (Cont'd)

Roland Twist

Walpole Woodworkers Inc.

PISCATAQUIS COUNTY

Basketville Inc.

Boulette Lumber Co.

Brownville Shingle Co.

John Clark Jr.

Diamond International

Dove Cedar Products

Dover Lumber Co.

William Douphinee (R)

Early Dawn Farms

| <u>(Township)<br/>LOCATION</u> | <u>SIZE<br/>CLASS</u> | <u>MILL<br/>TYPE</u>    | <u>MAILING ADDRESS</u>                                    | <u>PRODUCTS &amp; SPECIES</u>   |
|--------------------------------|-----------------------|-------------------------|---|---------------------------------|
| Winn                           | S1                    | Sh                      | Winn 04495  | Singles 2                       |
| Chester                        | S5                    | F (D,Ch,<br>P,M)        | RPD #1, Lincoln Center<br>04458 Tel. 794-2248             | Fence 2                         |
| Milo                           | H2                    | L                       | Milo Woodcrafters Branch<br>Milo 04463 Tel. 943-2868      | Baskets 11                      |
| Greenville                     | S8                    | L (D,Ch,M,<br>P,K) Band | Greenville Junction 04442<br>Tel. 695-2253                | Lumber 1,7                      |
| Brownville                     | S1                    | SH                      | Rte. 2, Box 228, Milo<br>04463 Tel. 943-2091              | Shingles 2                      |
| Abbot                          | S1                    | L (P,M)                 | Abbot 04406<br>Tel. 876-4075                              | Lumber 1,2,3,6,7                |
| Milo                           | H10                   | Ch                      | Old Town, 04468<br>Tel. 827-7711                          | Tree length chipping 25         |
| Dover-<br>Foxcroft             | S1                    | SH                      | Box 106 RFD #1, Dover-<br>Foxcroft 04426 Tel. 564-2303    | Shingles, bundled<br>kindling 2 |
| Dover-<br>Foxcroft             | S2                    | L                       | 6 Mechanic Street, Dover-<br>Foxcroft 04426 Tel. 564-2538 | Lumber 3,6,7                    |
| Willimantic                    | SIH                   | L                       | RPD #2, Guilford 04443<br>Tel. 997-3368                   | Lumber 1,2,3,6,7,8,<br>16,17    |
| Brownville                     | SIH                   | L                       | Brownville 04414<br>Tel. 277-3113                         | Lumber 6,7,12                   |

| <u>NAME OF MILL</u>                             | <u>(Township)<br/>LOCATION</u>   | <u>SIZE<br/>CLASS</u> | <u>MILL<br/>TYPE</u> | <u>MAILING ADDRESS</u>                                | <u>PRODUCTS &amp; SPECIES</u>                    |
|---|----------------------------------|-----------------------|----------------------|---|--|
| <u>PISCATAQUIS COUNTY (Cont'd)</u>              |                                  |                       |                      |   |  |
| Hardwood Products Co.                           | Guilford                         | H6                    | B (D,Ch,<br>P,M)     | Guilford 04443<br>Tel. 876-3311                       | Flat Veneer products 15                          |
| Katahdin Lumber & Supply<br>Co. Inc.            | Brownville                       | H5                    | L (D,Ch,P)           | Brownville 04414<br>Tel. 965-8497                     | Pallets & Skids 14,16,<br>17,21                  |
| Floyd Marsh                                     | Guilford                         | S1                    | Sh                   | Butter Street, Guilford<br>04443 Tel. 876-3343        | Shingles 2                                       |
| Moosehead Mfg. Co. (R)                          | Monson                           | SLH5                  | L (D,Ch,<br>P,M,K)   | Monson 04464<br>Tel. 997-3621                         | Furniture 1,3,6,7,12,<br>14,16,17,21             |
| North County Lumber                             | Dover-<br>Foxcroft               | S7                    | L(D,Ch)              | P. O. Box 329, Dover-<br>Foxcroft 04426 Tel. 564-3066 | Lumber 1,3,6,7                                   |
| Oscar & Reuben Lumbra Inc. (R)                  | Milo                             | H6                    | L (D,Ch)             | Alton Street, Milo 04463<br>Tel. 943-7415             | Lumber 11,13,14,16,17,<br>18,20,21               |
| P.C.I. Group Inc.<br>(Stamping & Moulding Div.) | Brownville                       | H2                    | V                    | Brownville 04414<br>Tel. 965-3841                     | Shoe shanks 15,16                                |
| Ernest R. Palmer Lbr.                           | Sangerville                      | H5                    | B                    | P. O. Box 128, Sangerville<br>04479 Tel. 876-2725     | Trap stock, squares,<br>furniture stock 11,15,16 |
| Parkman Sawyers                                 | Parkman                          | SLH                   | L                    | Cobbs Mill Road, R.F.D. #1<br>Cambridge 04923         | Lumber 1,2,3,6,7,11,12,<br>17                    |
| Albert Preble                                   | Sebec                            | SLH                   | LX                   | Sebec Village 04481<br>Tel. 564-2710                  | Lumber 3,6,7,13                                  |
| Pride Mfg. Co.                                  | Guilford                         | H5                    | B (D,Ch,<br>M,P,K)   | R.F.D. #2 Box 6, Guilford<br>04443 Tel. 876-3315      | Small wood turnings 11,<br>12,14,15,16,17        |
| Sylvain & Sylvain Inc. (R)                      | (UNDER CONSTRUCTION DURING 1978) |                       |                      | P. O. Box 130, Dover-<br>Foxcroft 04426 Tel. 564-8520 | Lumber   |

Fisheries and  
Environment  
Canada

Forestry  
Service

ENVIRONMENTAL GUIDELINES FOR RESOURCE ROAD CONSTRUCTION.

by A.B. Case<sup>1</sup>  
D.A. Rowe<sup>2</sup>

INFORMATION REPORT N-X-162  
MARCH 1978

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## INTRODUCTION

Expenditures for resource road construction in Newfoundland and Labrador amount to millions of dollars annually. Although resource roads are often constructed to serve a single function, such as wood extraction, their actual utilization is usually multi-purpose, since improved access increases the potential for recreational and other resource uses.

Road expansion in principle is beneficial to both industry and society at large. Nevertheless, experiences elsewhere in North America indicate that roads cause negative environmental effects that degrade rather than enhance the natural environment. The authors have noted many similar effects along highways and resource roads in Newfoundland and Labrador.

Most local problems associated with roads are often the result of poor design, improper location, and careless construction practices. Unless roads and ancillary facilities are properly designed and located and care exercised in construction, undesirable disturbances to aquatic and terrestrial environments will take place. Table 1 shows the effects that various road construction activities can have on the aquatic and terrestrial environments and gives their major causes. Its purpose is to create an awareness among planners, developers, and operators and to help them identify those activities which can be hazardous to the natural environment. The impact of these effects is reflected by reductions in fish and animal populations and loss of productive habitat. The ultimate effect on society is the loss of valuable commercial and recreational resources.

## RECOMMENDED GUIDELINES

### 1. Planning and assessment

#### 1.1 Identify, in the area of the proposed construction:

- (i) existing and potential land uses;
- (ii) sensitive habitats important for fish, wildlife, and waterfowl (spawning and rearing areas, calving grounds, waterfowl breeding area, moose yards, etc.);
- (iii) fragile sites (sandy soils, thin soils, etc.);
- (iv) special status areas (archaeological sites, historic sites, ecological reserves, etc.).

#### 1.2 Prepare an operational plan showing the proposed route location in relation to the areas identified in 1.1.

#### 1.3 Specify the minimum standard of road, including right-of-way, compatible with anticipated utilization.

1.4 Prepare a construction schedule including specific procedures for minimizing impacts especially on sensitive areas.

1.5 Specify locations of construction and maintenance facilities, (borrow pits, camps, garages, salt piles, fuel storage tanks, etc.) to be consistent with environmental guidelines and regulations.

## 2. Road location

2.1 Determine road locations during the spring when seeps and springs are most noticeable.

2.2 Avoid such features as rock outcrops, ledges and swampy areas where drainage is generally near the surface and may pose the threat of slumping of the roadbed.

2.3 Locate roads in areas that are consistent with what the topography allows:

(i) Locate roads in lower slope and valley areas where there are generally good road building materials, low gradients and good alignments, but only when such locations do not present hazards to waterways;

(ii) Locate roads on sidehills where there is good cross drainage and balanced cross-sections are facilitated, but only when the slope seldom exceeds 30% and when lower slopes and valleys are not useable;

(iii) Locate roads on ridges where there is good alignment and good drainage, but only when lower slopes, valleys, or sidehills are not useable, and when such locations do not constitute a threat to safety, are not potentially erodible, and do not interfere with wildlife.

2.4 Locate borrow pits, and temporary roads to borrow pits, a minimum of 100 m from any water body and such that their presence is not discernible from the main roadway.

2.5 Maintain buffer zones of undisturbed vegetation between construction areas and all water bodies using the following rule of thumb: WIDTH OF BUFFER ZONE (m) = 20 m PLUS 1.5 TIMES SLOPE GRADIENT (%) (Table 2).

Table 2. Recommended widths for buffer zones.

| Slope of land entering<br>waterway (%) | Width of buffer zone<br>(m) |
|--|-----------------------------|
| 0                                      | 20                          |
| 10                                     | 35                          |
| 20                                     | 50                          |
| 30                                     | 65                          |
| 40                                     | 80                          |
| 50                                     | 95                          |
| 60                                     | 110                         |
| 70                                     | 125                         |

2.6 Locate bridges in areas that:

- (i) have stable approaches;
- (ii) are the narrowest water crossings consistent with road grade and alignment standards;
- (iii) permit the placement of abutments away from the stream bed;
- (iv) provide room to reduce the approach grade.

2.7 Locate stream culverts in areas of:

- (i) minimum stream gradient;
- (ii) stable soil types.

2.8 Locate drainage culverts:

- (i) in areas which least interfere with natural channel flow;
- (ii) in areas where they can intercept seeps and run-off;
- (iii) before bridge approaches to divert drainage before it can enter streams;
- (iv) to break the drainage flow in long ditches so as to reduce erosion, siltation, and ditch-plugging.

2.9 Locate landing areas for piling wood which is to be removed from the right-of-way.

2.10 Locate camp sites and maintenance support sites:

- (i) 100 m from water bodies;
- (ii) on ready-cleared areas or areas having low site productivity.

### 3. Construction

#### 3.1 Right-of-way clearing and stripping

- 3.1.1 Pre-log all rights-of-way, landing areas, and borrow pit locations and remove all utilizable wood to a designated landing area. Do not bulldoze any standing timber.
- 3.1.2 Dispose of all right-of-way debris by an approved method (burning, burying, crushing, etc.).
- 3.1.3 Fell trees away from all water bodies; pile slash and debris such that it cannot enter water bodies during periods of peak flow.
- 3.1.4 Keep right-of-way widths at water crossings to a minimum.
- 3.1.5 Do not disturb ground vegetation within 30 m of stream crossing areas until actual start of crossing construction.
- 3.1.6 Keep equipment activity in water crossing areas to a minimum:
  - (i) Restrict crossing to a single location;
  - (ii) Maintain a minimum of 20 cm of water at crossing areas at all times;
  - (iii) Use corduroy and brushmats to stabilize approaches to temporary crossing areas;
  - (iv) Return crossings and approaches to their original condition when construction has been completed.
- 3.1.7 Incorporate all stripping debris into the road subgrade; do not push debris into standing timber, shrubbery, or waterways.
- 3.1.8 Place brushmats to "float" the roadbed over wet or unstable areas.
- 3.1.9 Keep ground vegetation loss to a minimum and preserve low shrubs along the right-of-way to provide a transition to trees, to retain soil stability, to provide food for wildlife, and to serve as a sediment filter near waterways.
- 3.1.10 Remove dangerous trees or snags that may later fall across the road.

#### 3.2 Subgrade construction

- 3.2.1 Before beginning construction, verify road standards and note special procedures prepared by the planner.
- 3.2.2 Keep cuts and fills to a minimum in areas of unstable soil.

- 3.2.3 On slopes containing loose material, keep uphill cuts to a minimum — fill the downhill side instead.
- 3.2.4 Compact all fills to prevent slumping.
- 3.2.5 Grade cut and fill sections such that the slopes do not exceed 2 to 1; slopes of 4 to 1 with rounded crests and toes are preferred.
- 3.2.6 Avoid unnecessary side casting especially in the vicinity of waterways.
- 3.2.7 Do not backfill into any water body.
- 3.2.8 Stabilize cut banks and fill slopes both in the vicinity of water bodies and on erosion prone soils.
- 3.2.9 Construct S-shaped vertical curves to reduce erosion.
- 3.2.10 Use brushmats or other suitable fill material in soft and/or wet areas.
- 3.2.11 Fill unstable areas with gravel, rock, or other suitable material.
- 3.2.12 Do not remove gravel fill from any water body.
- 3.2.13 Keep road grades below 10% on long stretches - a maximum of up to 15% over short distances on low-use roads.

#### 4. Stream crossings and drainage

- 4.1 Use bridges or culverts when crossing all water bodies. Where possible crossings should be at right-angles to streams.
- 4.2 Install culverts using the following criteria:
  - (i) Design culverts to adequately contain peak flows from drainage areas;
  - (ii) Water velocities must not exceed 1.2 m/s in culverts under 24.5 m in length, and 1 m/s in culverts over 24.5 m in length;
  - (iii) Install culverts using the criteria in Table 3.

Table 3. Length, diameter, and slope criteria for culvert installation.

| Length of culvert | Diameter (cm)     |       |        |      |
|-------------------|-------------------|-------|--------|------|
|                   | 0-38              | 39-92 | 93-122 | 123+ |
|                   | Culvert slope (%) |       |        |      |
| < 15 m            | 4                 | 3     | 2      | 1    |
| 15 - 30.5         | 3                 | 3     | 2      | 1    |
| > 30.5            | 2                 | 2     | 1      | 1    |

- (iv) Set culvert 15-30 cm into the stream bed;
- (v) Line the outlet area with coarse material to prevent erosion and potential free fall;
- (vi) Rip-rap outlets and inlets to prevent erosion of fill slopes;
- (vii) Insure that metal culverts are on a firm bed to prevent bowing;
- (viii) Use culverts of sufficient length to extend a short distance beyond the toe of the fill material;
- (ix) Use backfilling material which is of a texture that will not permit seepage and subsequent washing out;
- (x) Compact fill material around the culvert and to a depth above the culvert equal to the culvert diameter but not less than 30 cm;
- (xi) Use wooden culverts as often as conditions allow, specifically on temporary roads and resource roads of limited life span, in areas of soft ground, and where fish passage must be assured;
- (xii) Align culverts such that the original direction of stream-flow is not altered;
- (xiii) Remove fill and construction debris from the culvert area to a location above the peak flow level to prevent its entry into the stream;
- (xiv) Confine construction activity to the immediate area of the culvert;
- (xv) Backfill material must be end hauled and not removed from stream beds or banks.

- 4.3 Construct adequate ditches and incorporate them at the time of subgrade construction.
- 4.4 Keep ditches at the same gradient as the road.
- 4.5 In sidehill and similar areas, install ditches on the uphill sides of roads to intercept seepage and run-off.
- 4.6 On flat gradients, outslope roads 2 cm/m to 3 cm/m to effectively remove small quantities of water from the road surface.
- 4.7 On steep gradients, crown road 2 cm/m and spread the berm to ensure that the surface will drain.
- 4.8 Vary road grades to reduce road surface erosion.
- 4.9 Prevent ditch flow into streams by constructing ditch runouts at frequent intervals on road approaches to streams.
- 4.10 Place culverts at ditch elevation to prevent the impoundment of water.
- 4.11 Place culverts to maintain drainage in areas where deep fills are required.
- 4.12 Frequently divert ditch flows into culverts to prevent erosion or overflow.
- 4.13 On steep roads, angle the culvert across the road so that water will flow through readily.
- 4.14 Construct bridges using the following criteria:
  - (i) Locate at narrow sections having low banks and firm non-erodible soils;
  - (ii) Locate bridge abutments away from the stream bed;
  - (iii) Backfill material must be end hauled and not removed from stream beds or banks;
  - (iv) Minimize the use of heavy equipment in water bodies;
  - (v) Carry out excavation for piers, footings, and abutments in such a manner as to keep the work area separated from the stream;
  - (vi) Use coffer dams of non-erodible material to separate work areas from streams;
  - (vii) Do not block more than 1/3 of the stream width at any one time;
  - (viii) Remove coffer dams upon completion of construction and return the stream bed to its original condition;
  - (ix) Prevent the entry of lime, cement or fresh concrete into waterways;
  - (x) Ensure that creosote-treated lumber or materials are completely dry before use in and near any water body;
  - (xi) Remove all construction debris from the stream and adjacent stream area and dispose of it by burning or by placing it where it will not be washed back into the

stream by high water. Remove excess excavated material from the immediate area so that heavy rains or high stream flows will not return them to the stream;

- (xii) Equip all bridges with winged abutments of rip-rap to prevent approach erosion;
- (xiii) Construct bridge decking at an elevation that will permit free passage of water and ice during periods of peak flow and breakup.

#### 5. Support facilities

- 5.1 Install sewage treatment systems to meet provincial health specifications.
- 5.2 Do not dispose of sewage or refuse within 80 m of any water body.
- 5.3 Dam construction for temporary water supply systems must be approved by the Fisheries and Marine Service.
- 5.4 Locate maintenance facilities such as garages so that fuel and lubricants cannot enter any water body.
- 5.5 Locate fuel tanks a minimum of 100 m from any water body or marsh areas and construct impermeable dykes so that any spillage is contained.
- 5.6 Bury all garbage and refuse at an approved dumping site.

#### 6. Maintenance

- 6.1 Ensure that drainage systems are functioning properly and the road surface is kept free of ruts and debris.
- 6.2 Inspect drainage structures frequently and repair and clean whenever damaged or obstructed.
- 6.3 Grade roads seasonally to fill in wheel ruts and to shape up the road.
- 6.4 Keep roads free of shading so that they will have maximum exposure to sunlight and wind.
- 6.5 Keep traffic to a minimum during excessively wet weather and when the road surface is "green".
- 6.6 Stabilize cuts and fills which are subject to erosion with vegetation or other suitable material.
- 6.7 During snow clearing operations, avoid creating continuous snow banks on either side of the road which could obstruct wildlife passage.

- 6.8 Remove snow berms before breakup to permit lateral drainage and to prevent concentration of water on road surfaces.
- 6.9 Store all de-icing and dust-control agents in areas where they cannot enter water bodies.
- 6.10 Use mechanical rather than chemical methods of brush control in the vicinity of all water bodies.
- 6.11 Remove all clearing debris from ditches.
- 6.12 Clean areas designated for sediment trapping annually.

# STATE OF MAINE

Inter-Departmental Memorandum Date March 6, 1980

To A. Lee Tibbs, Director

Dept. Baxter State Park

From Steve Timpano, Reg. Fish. Biol.

Dept. In. Fish & Wildlife

Subject Stream/Fisheries considerations for logging in Sci. Mgt. Area, Baxter Park

## General:

1. Bridge construction, etc., should be accomplished during the summer months of July and August when stream flows are usually at their lowest.
2. Clearing trees and brush for crossings should be limited to minimum width necessary consistent with safety (primarily approach visibility) and practicality; i.e. it's usually not necessary to clear low brush along the streambank as far back as you would clear larger trees. Basic intent is to leave as much natural vegetation as possible on streambanks.
3. Revegetation of exposed soil abutting stream should be carried out as soon as possible during and after construction of stream crossings. A minimum of 75 feet back from the streambank should be seeded to a quick-growing grass-seed mixture such as the Soil Conservation Service "Conservation Mix" (or perhaps same as the Wildlife Div. recommends for seeding log-landings?) or mulched and seeded or otherwise stabilized against erosion.
4. Use of machinery in the stream is to be minimized as much as possible, work from the banks. Fording up or downstream from the actual bridge or culvert site creates more rehabilitation work to be cleaned up afterward.
5. Permanent roads bridge or culvert crossings should be designed to handle at least a 50-year frequency flood stage. On the site this can often be determined by observation of "normal" spring runoff evidence (vegetation change, obvious flood-plain, ice-flow marks on streambank trees) and guesstimating an added height for a safety factor. Terrain at the site and of the drainage (steep, quick run-off vs. low bog-type) has to be taken into consideration as does the possibility of ice movement and potential damming against the structure. (Permanent Road = planned use more than three years)
6. Temporary bridges and culverts should have a cross-section at least equal to the cross-section of the stream at the site, or have the capability of handling a "normal" spring run-off flow (characteristics listed above).
7. Fill used for culvert installation and bridge abutments should be coarse gravel. Not to be excavated streambed material. All fill should be removed and the streambed rehabilitated when culverts or abutments are removed.
8. Bridges should completely span the stream with no encroachment (or narrowing) on the banks whenever possible. (Keep abutments back behind normal banks.)
9. Rock rip-rap (or dumped stone) should be placed on all fill subject to direct stream flow, including downstream sides of abutments and culverts. Individual rock size can vary according to anticipated velocity of flow or ice-scour, and may range from screenings to boulders depending on the need (and practical availability!). Temporary crossings should be considered same as permanent.

10. Culverts shall be placed at or slightly below streambed elevation. No "hanging" downstream ends which would prohibit fish movement upstream.
11. Surface runoff diversions on approaches to bridges or culverts should be tailored to match the length and degree of slope, contours, existing vegetation which can act as a filter, etc. Methods specific to each site will vary but the basic purpose is to divert ditch runoff before it dumps directly into the stream. Culverts, thank-you-ma'ams, catchment/settlement basins, or simple cuts in ditches leading water off into the woods should be considered. Maintenance of these structures is of prime importance and often forgotten after road construction is completed.
12. Skidder crossings of "live" stream channels (flowing water) should have temporary bridges or culverts installed. Erosion and sedimentation of small tributary streams eventually affects larger streams and may have more overall impact on fisheries than a bridge, etc., installation on the larger stream.
13. Skid trails approaching a stream (including small channels which may be dry at the time of operation) should have sufficient water diversions incorporated to prevent direct channelling into a stream. Slopes, soil erodability, number of crossings, season, etc., dictate degree of necessity and frequency of maintenance.
14. Skid trails should be rehabilitated by grass-seeding, mulching with brush, or other surface runoff protection when logging operations cease.
15. During cutting operations along streams maintenance of shade cover to prevent warming of the water must be considered. Generally, restricting harvest along streambanks is not much of a loss timber-wise but leaving a wind-firm stand behind it may be.
16. Slash should be removed to at least 50 feet back from streams. Prohibition of skidder operations (i.e. cut and winch out complete tree) within 50 feet of a stream may be a practical solution.
17. Above all; common sense and practicality with basic principles of preventing erosion and sedimentation in mind should take precedence over hard-and-fast "minimum standards" or "methods".

Hope these ideas are of some help in stimulating further discussion and refinement at our next meeting.

*Steve*