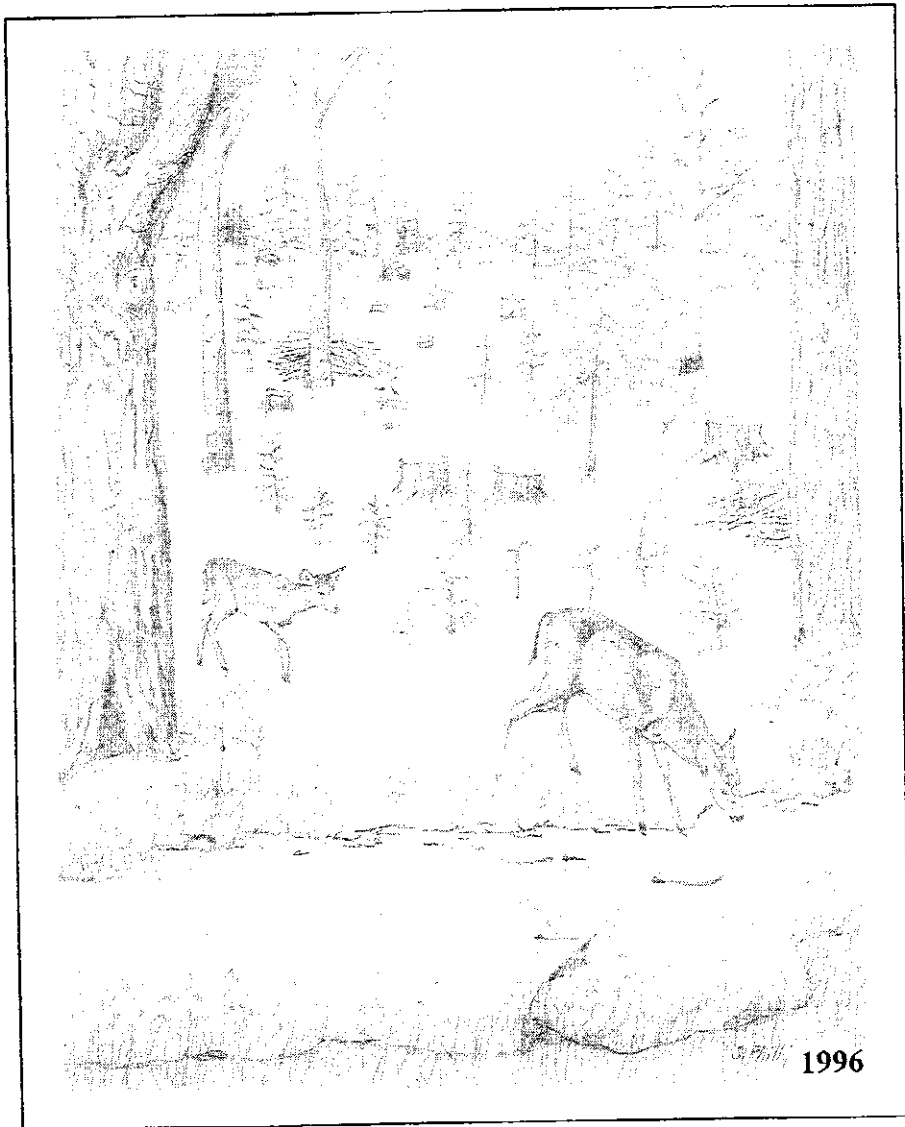
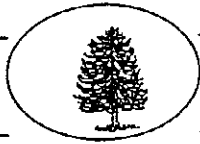


MANAGEMENT OF FORESTS IN MAINE: WHAT DO YOU THINK?





Section A. We presented a lot of material in the Background Information Booklet. In this section, we will ask a few questions about the Background Information to make sure we presented the information clearly. Please **feel free** to refer to the **Background Information Booklet** when answering these questions and throughout the survey.

For each statement below, please circle the letter "T" if you think the statement is true or the letter "F" if you think the statement is false.
(CIRCLE ONE LETTER FOR EACH STATEMENT)

	TRUE	FALSE
About three percent (0.5 million acres) of Maine's forest land is owned by the State of Maine, about one percent (0.1 million acres) is owned by the federal government, and about ninety-six percent (16.9 million acres) is owned by private individuals and corporations.	T	F
Most forest land in Maine has one road every mile.	T	F
Hundreds of wildlife species in Maine use dead and dying trees for shelter and nesting.	T	F
More than 153 softwood trees that are at least six inches thick are generally left standing on each acre after harvesting in Maine.	T	F
Some wildlife benefit from large harvest openings.	T	F
The standard practice in Maine is to leave a 250 foot watershed protection zone where most trees are not cut to protect rivers, lakes, ponds, wetlands and streams.	T	F
Slash is standing or partially standing trees that are no longer part of the growing stock of trees.	T	F



Section B. In this section we are interested in learning about your personal knowledge and perceptions of **Maine's forests.**

1. How interested are you in how Maine's forests are managed?
(CIRCLE ONE NUMBER)

- 1 Not at all interested
- 2 Somewhat interested
- 3 Very interested

2. How much did you know about forest management in Maine before you received this survey? (CIRCLE ONE NUMBER)

- 1 Not knowledgeable
- 2 Somewhat knowledgeable
- 3 Very knowledgeable

3. Have you heard or read about forest management practices in Maine from media sources during the past year? (CIRCLE ONE NUMBER)

- 1 YES
- 2 NO —————> Skip to Question 6

4. From what media sources did you hear or read about forest management practices in Maine during the past year?
(CIRCLE ALL NUMBERS THAT APPLY)

- 1 Television
 - 2 Radio
 - 3 Newspaper
 - 4 Others, please explain _____
-

5. Do you regularly follow media stories about forest management issues in Maine? (CIRCLE ONE NUMBER)

- 1 YES
- 2 NO

6. Which of the following descriptions best describes your thoughts when you think of trees in a Maine forest?
(CIRCLE ALL NUMBERS THAT APPLY)

- 1 A forest with trees that are the same species
- 2 A forest with trees that are different species
- 3 A forest with trees that are the same age
- 4 A forest with trees that are different ages
- 5 A forest with trees that are the same size
- 6 A forest with trees that are different sizes
- 7 Don't know

7. What types of trees do you think of when you think of a Maine forest?
(CIRCLE ONE NUMBER)

- 1 Mostly hardwood trees like maple, oaks and birches
- 2 Mostly softwood trees like pines, spruces, and firs
- 3 A mix of hardwood and softwood trees
- 4 Don't know

8. What is your perception of the forests in Maine? (CIRCLE ONE NUMBER)

- 1 Vast areas of standing trees
- 2 Mostly areas of standing trees with few harvested areas
- 3 An even mix of areas of standing trees and harvested areas
- 4 Mostly harvested areas with a few areas of standing trees
- 5 Vast harvested areas
- 6 Don't know

9. What types of harvest openings do you think of when you think of a Maine forest? (CIRCLE ALL NUMBERS THAT APPLY)

- 1 Small harvest openings
- 2 Medium harvest openings
- 3 Large harvest openings
- 4 All large trees have been cut
- 5 A mix of large and small trees have been cut
- 6 All trees have been cut
- 7 None of the above
- 8 Don't know

10. Do you think Maine's forests are well managed? (CIRCLE ONE NUMBER)

- 1 I think all of Maine's forest lands are well managed
- 2 I think most of Maine's forest lands are well managed
- 3 I think some of Maine's forest lands are well managed
- 4 I think none of Maine's forest lands are well managed
- 5 Don't know

11. Do you own forest land in Maine? (CIRCLE ONE NUMBER)

- 1 YES
- 2 NO —————> Skip to Question 17

12. How many acres of forest land do you own in Maine? (FILL IN THE BLANK)

_____ acres

13. Is your land a registered tree farm? (CIRCLE ONE NUMBER)

- 1 YES
- 2 NO

14. Are you a member of the Small Woodlot Owners of Maine?
(CIRCLE ONE NUMBER)

- 1 YES
- 2 NO

15. Have you cut trees on your land? (CIRCLE ONE NUMBER)

- 1 YES
- 2 NO —————> Skip to Question 17

16. How have you cut trees on your land?
(CIRCLE ALL NUMBERS THAT APPLY)

- 1 I have cut firewood for my personal use
 - 2 I have cut firewood to sell
 - 3 I have cut saw timber for my personal use
 - 4 I have cut saw timber to sell
 - 5 I have cut pulpwood to sell
 - 6 I have hired a commercial logger
 - 7 I have sold the stumpage
 - 8 Other, please explain _____
-

17. Are you a member of an environmental group that is concerned with the management of Maine's forests? (CIRCLE ONE NUMBER)

- 1 YES
- 2 NO —————> Skip to Question 20
- 3 Don't Know —————> Skip to Question 20

18. What environmental group(s) are you a member of?
(CIRCLE ALL NUMBERS THAT APPLY)

- 1 Maine Audubon Society
 - 2 Maine Greens
 - 3 Nature Conservancy
 - 4 Natural Resource Council of Maine
 - 5 Sierra Club
 - 6 Sportsman Alliance of Maine
 - 7 RESTORE
 - 8 Others, please explain _____
-

19. Have you ever volunteered your time or contributed money to an environmental group to help protect Maine's forests?
(CIRCLE ALL NUMBERS THAT APPLY)

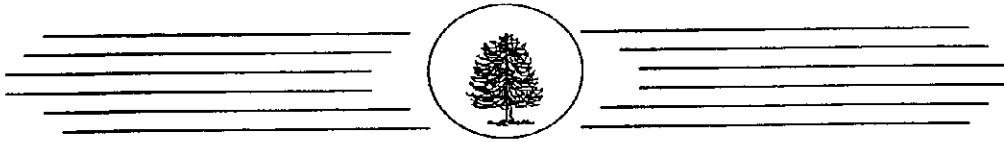
- 1 YES, I have volunteered time
- 2 YES, I have contributed money
- 3 NO

20. Do you participate in any of the following forest recreation activities?
(CIRCLE ALL NUMBERS THAT APPLY)

- | | | | |
|---|----------------------|----|---|
| 1 | ATVing | 8 | Snowmobiling |
| 2 | Boating | 9 | Wildlife watching |
| 3 | Camping | 10 | Others, please list _____ |
| 4 | Cross-country skiing | | |
| 5 | Fishing | | |
| 6 | Hiking | 11 | I do not participate in forest recreation |
| 7 | Hunting | | |

21. Do you think the State should increase public access to Maine's forest land?
(CIRCLE ONE NUMBER)

- 1 I think the State should work with forest land owners to increase public access
- 2 I think the State should buy forest land to increase public access
- 3 I think the State should do both
- 4 I do not think that the State should increase public access
- 5 I don't know



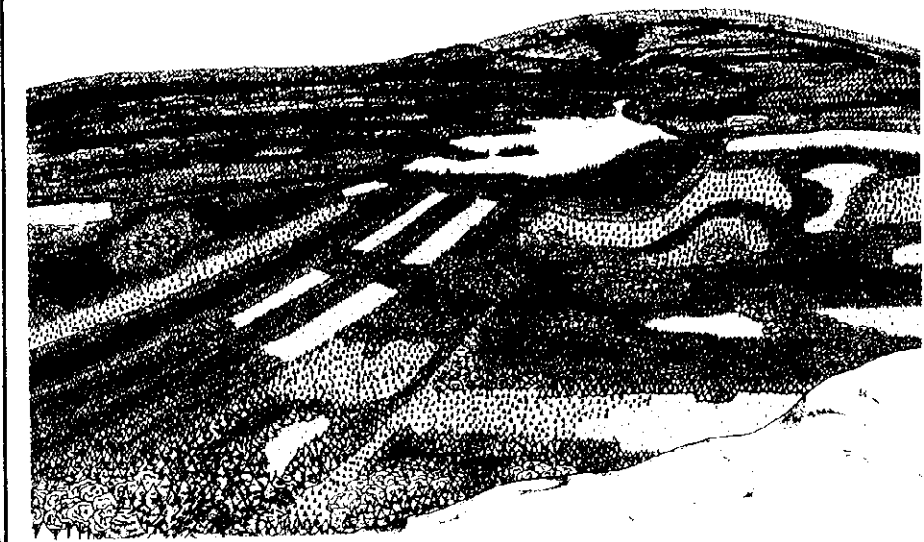
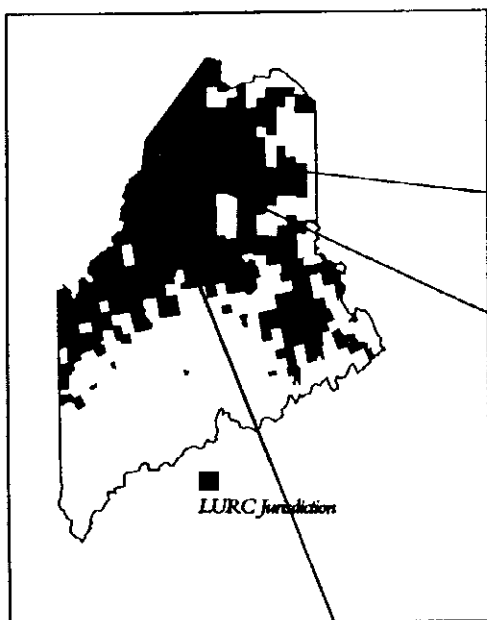
Section C. We would like to know what **you** think of a proposal for the State of Maine to purchase a piece of forest land. Following the proposal below you are asked to evaluate several forest management activities that could be practiced on this piece of forest land. All questions refer to this **specific** piece of forest land.

THE PROPOSAL

- This piece of forest land has been offered for sale by a large forest land management company.
 - This forest land is in northwestern Maine and is within LURC (Land Use Regulation Commission) jurisdiction.
 - This forest land is the size of a township and is approximately 6 miles long and 6 miles wide.
 - This forest land contains one lake that is the headwaters of a small stream.
 - The lake and the stream are used for fishing and canoeing.
 - The property has about 23,000 forested acres of spruce, fir and pine.
 - Trees have been harvested in the southern half of this forest land within the last 5 years.
 - No trees have been harvested from the northern half of the forest land in the last 20 years.
 - A map of the location of this piece of forest land is on the next page.
 - This study has **nothing** to do with the clearcutting referendum that was on the November 5, 1996 Maine ballot.
-

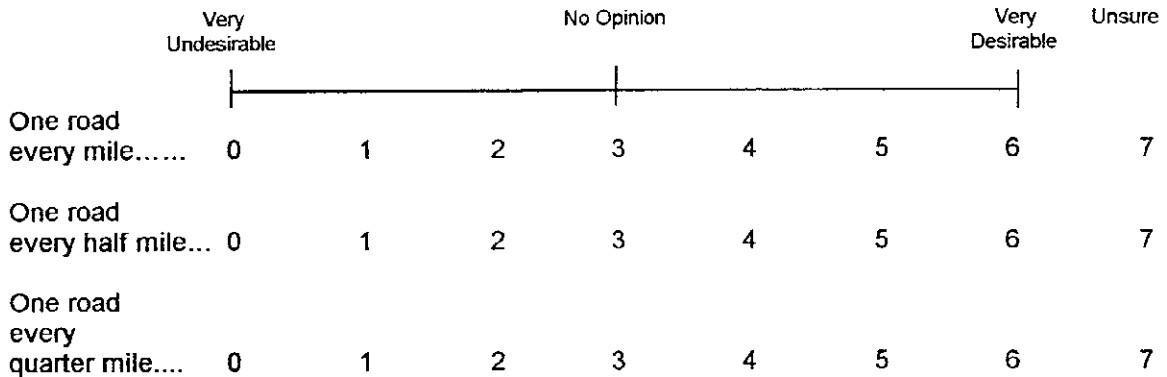
REASONS FOR THE PROPOSAL

- A number of large parcels of forest land have been sold in Maine's North Woods in recent years and others are on the market.
- Some people have suggested the State of Maine should buy some of these large parcels of forest land for recreation and to preserve natural areas where no trees will be cut.
- Some people believe the State of Maine should buy some of these large parcels of forest land to help guarantee a consistent supply of timber for the future.
- Other people believe that the State of Maine should buy some of these large parcels of forest land for recreation, to preserve natural areas, and to help guarantee a consistent supply of timber.

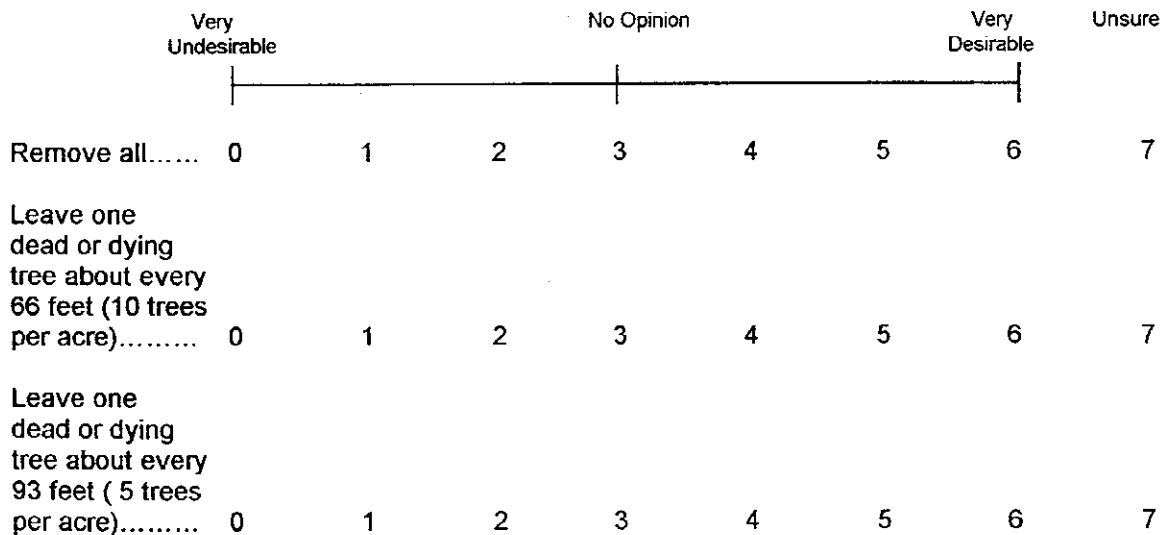


In the next few questions, please rate **all** options for **each** activity. Please give us your **personal** opinions. Feel free to refer back to the **Background Information Booklet**.

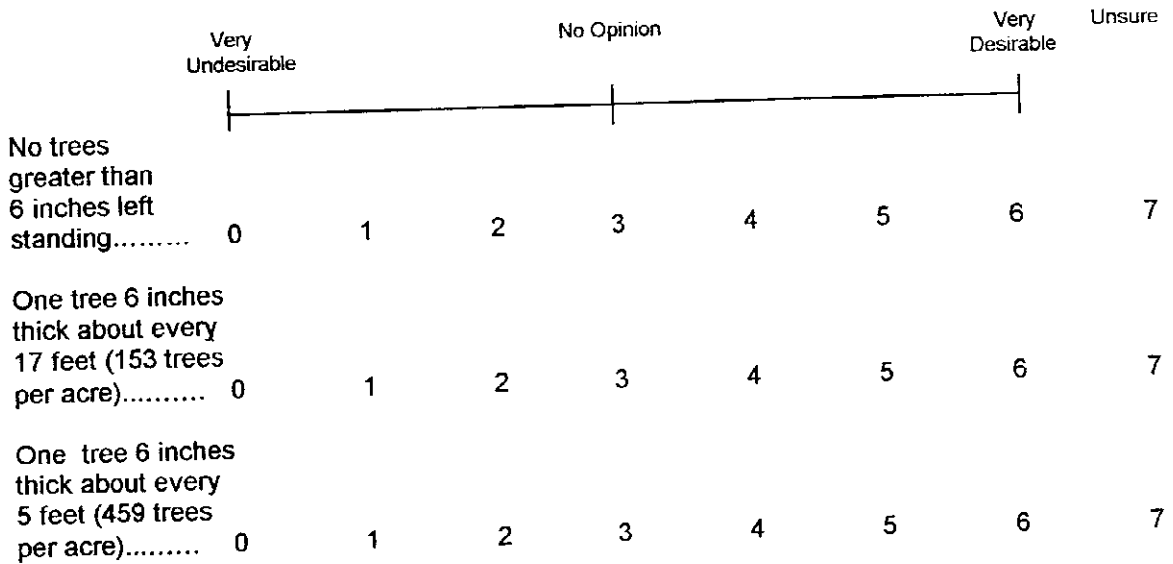
22. How would you rate each of the following options for roads on this piece of forest land? (CIRCLE ONE NUMBER FOR EACH LEVEL)



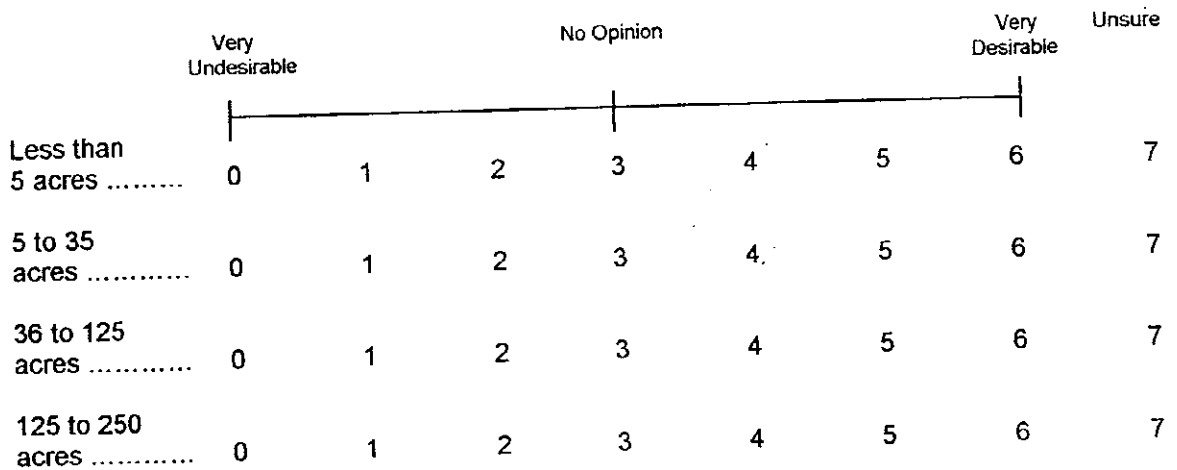
23. How would you rate each of the following options for dead and dying trees from this piece of forest land? (CIRCLE ONE NUMBER FOR EACH LEVEL)



24. How would you rate each of the following options for live trees standing in harvest openings after harvesting on this piece of forest land?
(CIRCLE ONE NUMBER FOR EACH LEVEL)



25. How would you rate each of the following options for the maximum size of harvest openings on this piece of forest land?
(CIRCLE ONE NUMBER FOR EACH LEVEL)



26. How would you rate each of the following options for the percentage of forest land available for timber harvesting on this piece of forest land if the remainder of the land would be set aside as a natural area with no timber harvesting? (CIRCLE ONE NUMBER FOR EACH LEVEL)

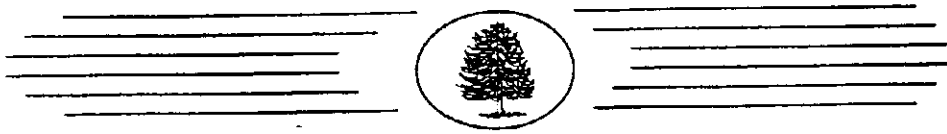
	Very Undesirable	No Opinion					Very Desirable	Unsure
90% for timber harvesting and 10% as a natural area	0	1	2	3	4	5	6	7
80% for timber harvesting and 20% as a natural area	0	1	2	3	4	5	6	7
50% for timber harvesting and 50% as a natural area	0	1	2	3	4	5	6	7
20% for timber harvesting and 80% as a natural area	0	1	2	3	4	5	6	7
10% for timber harvesting and 90% as a natural area	0	1	2	3	4	5	6	7

27. How would you rate each of the following options for leaving unharvested trees for watershed protection of rivers, lakes, ponds, wetlands and streams on this piece of forest land? (CIRCLE ONE NUMBER FOR EACH LEVEL)

	Very Undesirable			No Opinion			Very Desirable	Unsure
At least 500 foot zone.....	0	1	2	3	4	5	6	7
At least 250 foot zone.....	0	1	2	3	4	5	6	7
At least 75 foot zone.....	0	1	2	3	4	5	6	7

28. How would you rate each of the following options for slash disposal on this piece of forest land? (CIRCLE ONE NUMBER FOR EACH LEVEL)

	Very Undesirable			No Opinion			Very Desirable	Unsure
Leave where it falls on the ground.....	0	1	2	3	4	5	6	7
Distribute along skid trails.....	0	1	2	3	4	5	6	7
One large pile by road...	0	1	2	3	4	5	6	7
Remove all...	0	1	2	3	4	5	6	7



Section D. In the following questions you are asked to evaluate four proposed forest management plans for this piece of forest land and to consider whether the State of Maine should purchase this piece of forest land. Because of the large number of options and levels, each person responding to the survey has been given a different set of forest management plans to evaluate. Please evaluate the four forest management plans you have been assigned and tell us what you **personally** think.

RESTRICTIONS FOR THIS PIECE OF FOREST LAND

- No harvesting will occur until the trees are mature on this piece of forest land.
- No harvesting will take place in the watershed protection zones for rivers, lakes, ponds, wetlands and streams on this piece of forest land.
- No herbicides will be used on this piece of forest land.
- No artificial planting or seeding will be used to reforest harvest areas on this piece of forest land. These activities are not needed in Maine because reforestation will occur naturally.
- No private or state owned recreation facilities such as boat ramps, picnic tables, tent platforms or outhouses will be built on this piece of forest land. The land will only be available for undeveloped recreation.
- No plans exist for public purchases of additional pieces of forest land in Maine. With this purchase, the amount of publicly owned forest land in Maine increases by about five percent (5%).

PROPOSED FOREST MANAGEMENT PLAN (A)

- Roads..... One every mile
- Dead and Dying Trees..... Remove all
- Live Tree Standing after Harvesting... No trees greater than 6 inches thick left standing
- The Maximum Size of Harvest Openings..... Less than 5 acres
- Percentage of Forest Land for Timber Harvesting..... 80% for timber harvesting and 20% set aside as a natural area
- Watershed Protection..... At least a 500 foot zone
- Slash Disposal..... Distribute along the skid trails
- Purchase of the forest land will be paid for by special one-time increase in your 1997 State household income tax of \$10.

PROPOSED FOREST MANAGEMENT PLAN (B)

- Roads..... One every half mile
- Dead and Dying Trees..... One dead or dying tree left about every 66 feet (10 trees per acre)
- Live Tree Standing after Harvesting... One tree at least 6 inches thick about every 10 feet (459 trees per acre)
- The Maximum Size of Harvest Openings..... 35 to 125 acres
- Percentage of Forest Land for Timber Harvesting..... 20% for timber harvesting and 80% set aside as a natural area
- Watershed Protection..... At least a 250 foot zone
- Slash Disposal..... Leave where it falls on the ground
- Purchase of the forest land will be paid for by special one-time increase in your 1997 State household income tax of \$160.

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PROPOSED FOREST MANAGEMENT PLAN (C)

- Roads..... One every half mile
- Dead and Dying Trees Remove all
- Live Tree Standing after Harvesting... No trees greater than 6 inches thick left standing
- The Maximum Size of Harvest Openings..... Less than 5 acres
- Percentage of Forest Land for Timber Harvesting..... 50% for timber harvesting and 50% set aside as a natural area
- Watershed Protection..... At least a 250 foot zone
- Slash Disposal..... Remove all
- Purchase of the forest land will be paid for by special one-time increase in your 1997 State household income tax of \$200.

PROPOSED FOREST MANAGEMENT PLAN (D)

- Roads..... One every mile
- Dead and Dying Trees One dead or dying tree left about every 66 feet (10 trees per acre)
- Live Tree Standing after Harvesting... One tree at least 6 inches thick about every 17 feet (153 trees per acre)
- The Maximum Size of Harvest Openings..... Less than 5 acres
- Percentage of Forest Land for Timber Harvesting..... 80% for timber harvesting and 20% set aside as a natural area
- Watershed Protection..... At least a 500 foot zone
- Slash Disposal..... Distribute along the skid trails
- Purchase of the forest land will be paid for by a special one-time increase in your 1997 State household income tax of \$10.

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29. How would you rank the desirability to you of each of the proposed forest management plans for this piece of forest land with one (1) being **most** desirable and four (4) being **least** desirable?
(FILL IN ALL BLANKS WITH THE APPROPRIATE NUMBER)

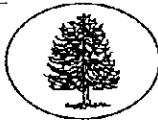
Plan A..... _____
 Plan B..... _____
 Plan C..... _____
 Plan D..... _____

30. Now assume there will be a vote in the next election to decide if the State of Maine should buy this piece of forest land. How would you vote for the purchase if the land were managed using each of the proposed forest management plans? (CIRCLE ONE NUMBER FOR EACH PLAN)

	YES to approve	NO to defeat	Unsure
Plan A.....	1	2	3
Plan B.....	1	2	3
Plan C.....	1	2	3
Plan D.....	1	2	3

31. Did you find the Background Information Booklet helpful in completing the survey? (CIRCLE ONE NUMBER)

1 Very helpful
 2 Somewhat helpful
 3 Not at all helpful
 4 I did not read the Background Information Booklet



Section E. In this section we would like to ask you some questions about your personal background to help us compare your answers to those of other people. We stress that all your answers are strictly confidential.

32. How many people live in your household? (CIRCLE ONE NUMBER)

- 1 One, just me
- 2 2
- 3 3
- 4 4
- 5 5 or more people

33. Are you? (CIRCLE ONE NUMBER)

- 1 FEMALE
- 2 MALE

34. How old are you? (FILL IN THE BLANK)

35. What is the highest level of education you have completed?
(CIRCLE ONE NUMBER)

- 1 Eight years or less
- 2 Some high school
- 3 High school graduate or equivalent
- 4 Some college, A.S. degree or technical school
- 5 B.A. degree or equivalent
- 6 M.A. degree or equivalent
- 7 Advanced degree (M.D., Ph.D., etc.)

36. Are you employed in Maine's timber industry? (CIRCLE ONE NUMBER)

- 1 YES
- 2 NO —————> Skip to Question 38

37. In what part of the timber industry are you primarily employed?
(CIRCLE ONE NUMBER)

- 1 Logging
- 2 Papermaking
- 3 Sawmilling
- 4 Land Management
- 5 Other, please explain _____

38. Do you have a degree in forest management? (CIRCLE ONE NUMBER)

- 1 YES, what is your degree? _____
- 2 NO

39. What is your best estimate of your household total pretax income for 1996?
(CIRCLE ONE NUMBER)

- | | | | |
|---|----------------------|----|----------------------|
| 1 | Less than \$5,000 | 9 | \$40,000 to \$44,999 |
| 2 | \$5,000 to \$9,999 | 10 | \$45,000 to \$49,999 |
| 3 | \$10,000 to \$14,999 | 11 | \$50,000 to \$59,999 |
| 4 | \$15,000 to \$19,999 | 12 | \$60,000 to \$69,999 |
| 5 | \$20,000 to \$24,999 | 13 | \$70,000 to \$79,999 |
| 6 | \$25,000 to \$29,999 | 14 | \$80,000 to \$89,999 |
| 7 | \$30,000 to \$39,999 | 15 | \$90,000 to \$99,999 |
| 8 | \$40,000 to \$49,999 | 16 | \$100,000 or more |

Thank you for your help !

Please return your completed survey in the enclosed envelope.
No postage is necessary.