



United States
Department of
Agriculture

Forest Service
Chequamegon-Nicolet
National Forests

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File Code: 1950

Date: June 15, 2004

Dear Interested Public:

The Forest Service is preparing an Environmental Impact Statement (EIS) for the **Lakewood-Laona Plantation Thinning Project**. We are proposing to thin approximately 10,557 acres (294 stands) of plantations across the Lakewood/Laona Ranger District of the Chequamegon-Nicolet National Forests. Most of the plantations consist mainly of red pine with some white spruce and lesser amounts of white pine. Limited amounts of other species may also be found in some stands. The purpose of this Proposed Action is to maintain and enhance the growth and vigor of trees within the treatment areas while providing commercial timber products.

We would like to obtain your input on the proposed Plantation Thinning Project. We invite you to participate in the process by providing your comments and any concerns you may have regarding this proposal.

Your comments will help our Interdisciplinary (ID) Team identify project design features which may conflict with your interests. Your comments will also assist us in developing alternatives to the Proposed Action that will be analyzed and compared in the EIS. We are required by law to consider a "No Action" alternative, or what would happen if the Proposed Action would not take place. The ID Team will analyze the environmental effects of the enclosed Proposed Action, the "No Action" alternative, and any other alternative developed in response to issues generated by comments received. These alternatives, effects, and related discussions will be included in a Draft EIS (DEIS). All individuals providing comments during the course of this project will receive a copy of the DEIS for review and comment. A Final EIS (FEIS) will be prepared considering comments received on the DEIS. The Forest Supervisor will review and decide upon which alternative or combination of alternatives would best achieve desired goals based on the information presented in the FEIS. Her decision, formally known as the Record of Decision, will then be published.

PURPOSE OF THIS LETTER:

To identify the range of issues and determine their significance.

An issue is:

A point of discussion, dispute or debate about environmental effects.

Issues are used:

To focus the analysis and determine if any alternatives to the proposed action need to be developed.

The following information is being provided to assist understanding of the proposed project:

- Attachment 1 - Vicinity Map
- Attachment 2 - Purpose and Need for the Proposed Action
- Attachment 3 - Stands Proposed for Treatment
- Attachment 4 - Location Maps of Proposed Treatments



ROADS

All stands considered for treatment in the Proposed Action can be accessed from existing Forest roads; there will be no construction or reconstruction of roads.

COMMENTS

The Proposed Action will be fully analyzed prior to any decision on final project design. For this project to result in the best possible outcome for people and the environment, please send us any issues, concerns, suggestions or information you may have relating to this proposal. Opinions and values will be noted, but the intent of the process is to determine if there are any issues that we need to consider further. An issue is a point of discussion, dispute or debate about environmental effects and will be used to focus the analysis and determine if any alternatives to the Proposed Action need to be developed. You can help us do this by sending us your specific concerns or by suggesting alternatives to the Proposed Action. It would be helpful if your comments referred to the effect of the action on a given site or species rather than general management direction for the Chequamegon-Nicolet National Forests.

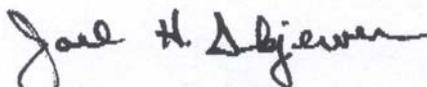
Although comments are welcome throughout the analysis process, your comments would be most useful if received by **July 16, 2004**. I encourage you to contact or send any issues or written comments to **Paul Sweeney**, Project Coordinator. Contact information for Paul is: mailing address: **c/o Lakewood Ranger District, 15085 State RD 32, Lakewood, WI 54138**; Voice: **715-276-6333**; Fax: **715-276-3594**; Email: **pfsweeney@fs.fed.us**.

Electronic comments in acceptable formats [plain text (.txt), rich text (.rtf) or Word (.doc)] may also be submitted to: **comments-eastern-chequamegon-nicolet-lakewood@fs.fed.us**.

Names and addresses of those who comment will be considered part of the public record on this Proposed Action and will be available for public inspection. All input received during project planning is a matter of public record and as such may be provided to interested parties upon request; names and addresses of participants cannot be kept confidential.

Thank you for your participation in this process.

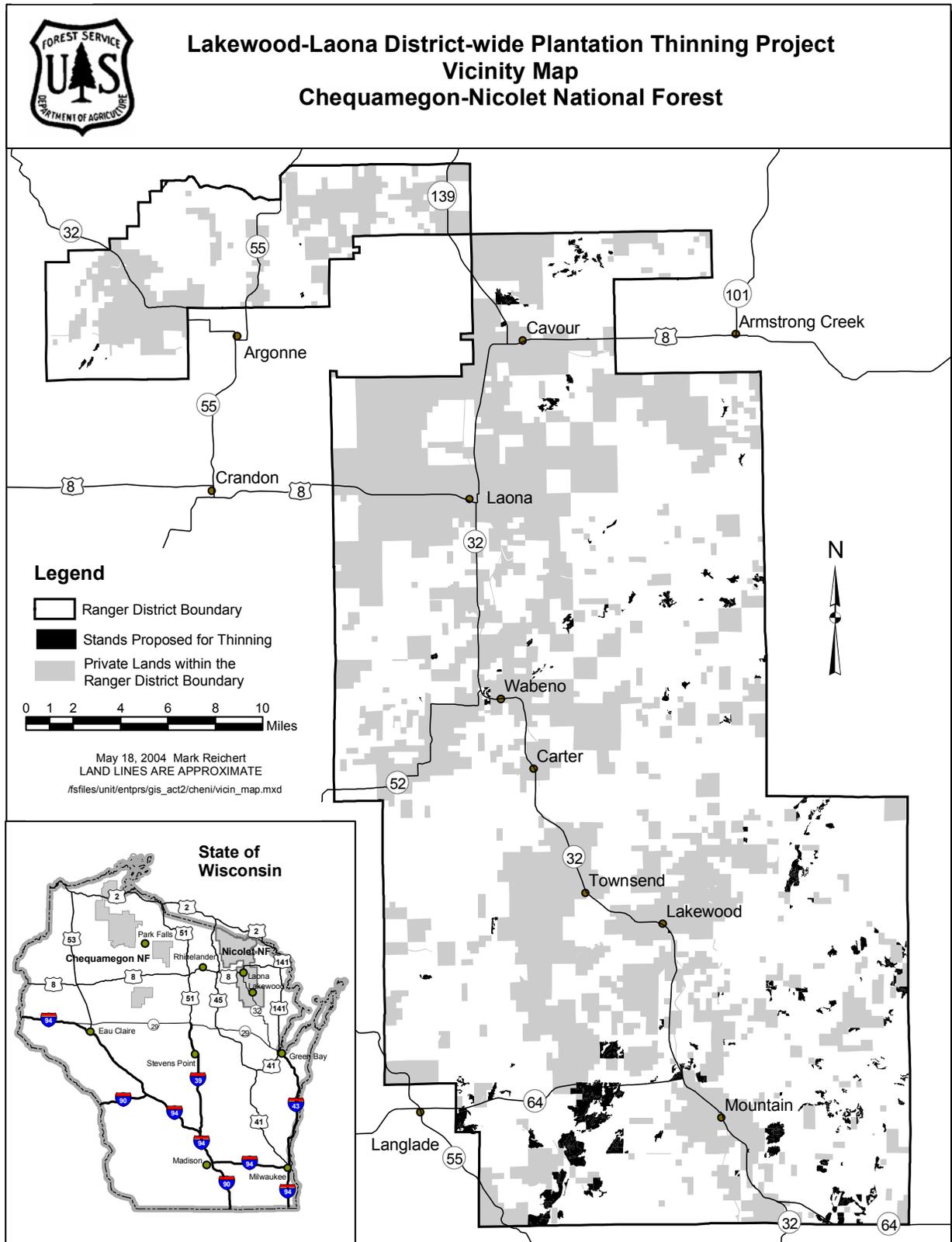
Sincerely,



JOEL H. SKJERVEN
District Ranger

Attachments

Attachment 1 – Vicinity Map



Attachment 2 – Purpose and Need for the Proposed Action

PURPOSE AND NEED

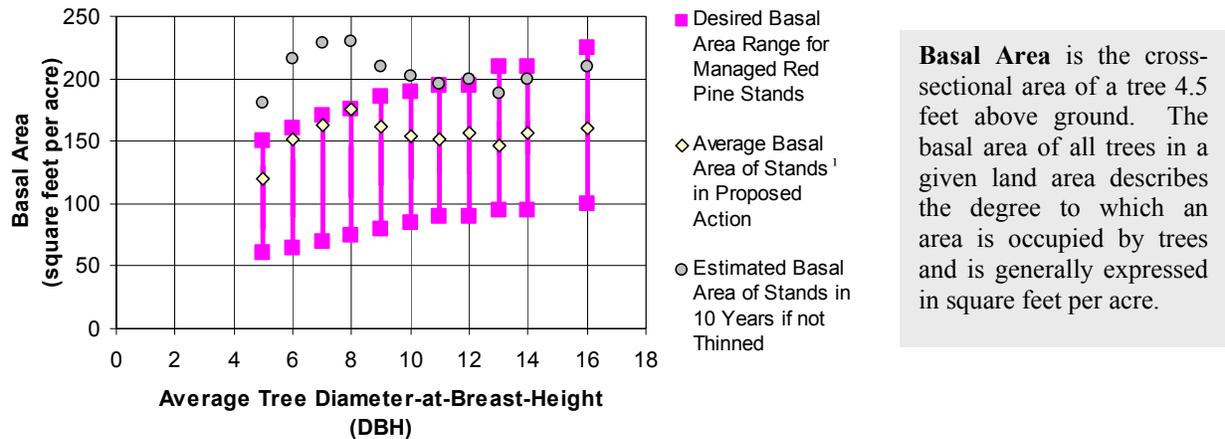
The stands identified in the Proposed Action do not meet the desired stocking levels set in the Chequamegon-Nicolet National Forests 2004 Land and Resource Management Plan (Forest Plan). The purpose of the Proposed Action is to maintain stand health and vigor by applying treatments to achieve desired stocking levels while providing a sustained yield of wood products. The Forest Plan guidelines recommend scheduled thinnings every seven to fifteen years to maintain desired stocking levels for red pine (Forest Plan, p. 2-10) and every ten to twenty years for white spruce (Forest Plan, p. 2-13). Approximately 20% of stands proposed for treatment have reached operable stand volume and are scheduled for their first commercial thin under this Proposed Action. The remaining 80% of the stands proposed for treatment have already had at least one commercial thin entry and are scheduled for intermediate thinning under this Proposal. All stands in the project area have need of either scheduled intermediate thinning or their first commercial thin.

This project is designed to promote tree growth and vigor over time by developing a wide range of stands over a large portion of the Forests and to allow for flexibility in applying treatments as needed between 2005 and 2011. Thinning these stands would:

- Provide terrestrial ecosystems in healthy, diverse, and productive conditions (Forest Plan, Goal 1.4, p. 1-3) by preventing insect and disease problems associated with overstocked stands and enhancing diameter growth for strength and protection against wind and snow damage.
- Contribute toward satisfying demand for wood products and special forest products through environmentally responsible harvest on National Forest System lands (Forest Plan, Goal 2.5, p. 1-6).
- Contribute toward the species and product output specified in the Forest Plan (Forest Plan, Appendix GG)

The need for treatment was identified when existing conditions were compared with Forest Plan desired future conditions. Based on data collected (field exam in 2003, project file), the identified red pine and white spruce plantations are either above or will be close to exceeding desired stocking levels within the next 10 years. Stocking levels for managed red pine stands are set in Table 2-9 (Forest Plan, p. 2-10) and Figure FF-4 (Forest Plan, Appendix FF). **Figure 1** compares estimated average basal areas for stands in the Proposed Action with Forest Plan desired stocking levels for managed red pine stands.

Figure 1. Comparison of Desired Stocking Level with Estimated Existing Stocking Level for Stands in Proposed Action



¹ Includes incidental white spruce and white pine plantations that represent approximately 5% of total acres in the Proposed Action.

The Forest Plan sets the minimum desired basal area for white spruce stands between 100 and 120 square feet per acre (Forest Plan, p. 2-13). Field exams (2003) indicate that existing average basal area for white spruce stands in the Proposed Action is 152 square feet per acre. Because they represent less than 5% of the total acreage in the Proposed Action, white spruce plantations are included with red pine stands in **Figure 1**.

In addition, implementation of the Proposed Action would provide opportunities for the maintenance, enhancement, and restoration of habitat for dwarf bilberry and northern blue butterfly over a total of 116 acres (Stands 4004.004, 4004.019, 4004.025, and 4004.031). Both dwarf bilberry and northern blue butterfly are listed as “Regional Forester’s Sensitive Species”, meaning that current or predicted downward trends in numbers, habitat, or density make their continued viability questionable (Forest Plan, Appendix EE, p. EE-11). The Lakewood/Laona Ranger District supports one of Wisconsin’s largest populations of dwarf bilberry and northern blue butterfly.

Because the northern blue butterfly only lays its eggs on or near dwarf bilberry plants, successful conservation of the northern blue butterfly depends on the maintenance of existing dwarf bilberry patches and the restoration of patches within the plant’s historic range.

Encroachment of woody vegetation represents an immediate threat to northern blue butterfly and dwarf bilberry in the Lakes States. Forest management activities, such as those currently proposed by the Forest Service, would restore and/or emulate the specific habitat conditions required by these species. Tree removal and control of competing vegetation are needed to maintain habitat for dwarf bilberry (Wolf and Brzeskiewicz, 2002; Forest Plan, p. 2-23).

Four stands in the Proposed Action either: 1) support known populations of dwarf bilberry and/or northern blue butterfly; 2) are known from historical records to have supported populations in the past; or 3) contain potential suitable habitat but no record of current or historic populations. Additional opportunities associated with these stands include:

- Maintain existing dwarf bilberry populations by discouraging encroachment of woody vegetation and overgrowth by grasses and forbs; and by retaining and expanding existing small openings where bilberry populations exist (Forest Plan, Objective 1.4d, p. 1-3)
- Restore dwarf bilberry and northern blue butterfly to appropriate habitat within known historical range
- Establish flight corridors to facilitate the movement of northern blue butterfly between dwarf bilberry patches

The Proposed Action would also provide the opportunity to maintain or enhance the quality of scenic resources and improve recreation opportunities in existing plantations along segments of the Peshtigo and North Branch Peshtigo Rivers that are eligible for federal designation as National Scenic and Recreation Rivers (Management Area 8D; Forest Plan, p. 3-49). The proposed activities would:

- Enhance diameter growth to improve visual quality and promote development of long-lived large diameter trees within potential National Scenic and Recreation River segments
- Extend rotations (Forest Plan, p. 3-44) by improving forest health and vigor of trees in the river corridor (Forest Plan, p. 3-46).

Reference:

Wolf, A.T. and M. Brzeskiewicz. 2002. Conservation assessment for northern blue butterfly and dwarf bilberry. (*Lycaeides idas nabokovi* and *Vaccinium caespitosum*). USDA Forest Service, Eastern Region. 32 pp. Draft.

Attachment 3 – Stands Proposed for Treatment

LAKWOOD-LAONA PLANTATION THINNING PROJECT

Use the table below in conjunction with the three maps that follow to locate stands and identify specific information regarding each one. Locate stands you are interested in by matching the legal description and stand identification numbers displayed in the table with the same legal description and stand identification numbers attributed on maps next to color coded stands.

Definitions of column headings:

Stand ID – Stand Identification Number corresponding to stand numbers on each map;

Ac. – Acreage of each stand rounded to the nearest whole acre;

Legal Description – Township, Range, and Section number of stand location (section numbers are not shown on enclosed maps);

Avg. dbh – Average tree diameter-at-breast-height for trees within the stand;

Avg. BA – Average Basal Area for the stand;

MA – Management Area; each designation represents a specific emphasis (refer to key at the bottom of the table [Page 10]).

Stand ID	Ac.	Legal Description	Avg dbh	Avg BA	MA
4003.011	38	T33,R17,S8	8	240	3C
4003.016	14	T33,R17,S4	8	240	3C
4003.031	11	T33,R17,S8	8	190	3C
4004.004	78	T33,R17,S4	12	140	8F
4004.010	3	T33,R17,S4	8	200	3C
4004.015	49	T33,R17,S5	12	150	3C
4004.019	19	T33,R17,S5	8	220	8F
4004.025	16	T33,R17,S8	10	200	8F
4004.031	3	T33,R17,S4	10	160	8F
4004.039	1	T33,R17,S4	6	180	3C
4005.049	7	T33,R17,S6	8	140	3C
4006.005	2	T33,R17,S7	8	190	3C
4027.001	93	T33,R17,S20	12	120	3C
4027.003	22	T33,R17,S20	8	220	3C
4027.004	136	T33,R17,S17	9	140	3C
4027.006	18	T33,R17,S20	14	180	3C
4027.007	14	T33,R17,S20	6	130	3C
4027.008	6	T33,R17,S17	10	220	3C
4027.010	8	T33,R17,S17	10	160	3C
4027.011	5	T33,R17,S17	10	150	3C
4028.001	96	T33,R17,S19	12	120	3C
4029.018	20	T33,R17,S16	8	150	3C
4037.011	54	T32,R17,S12	12	150	4B
4037.021	25	T32,R17,S12	12	140	4B
4037.026	11	T32,R17,S1	12	140	4B
4037.029	10	T32,R17,S1	8	200	4B
4037.034	15	T32,R17,S1	10	140	4B
4037.036	10	T32,R17,S1	10	160	4B
4038.008	19	T32,R17,S35	14	150	4B
4040.027	2	T32,R17,S4	10	100	3C
4041.001	8	T33,R17,S29	10	140	3C
4041.002	7	T33,R17,S29	10	150	3C
4041.016	8	T33,R17,S29	6	280	3C
4047.027	41	T32,R17,S7	14	150	2C
4049.008	75	T32,R17,S2	14	160	4B
4049.014	68	T32,R17,S3	12	140	4B
4049.019	47	T32,R17,S4	10	110	4B
4049.020	6	T32,R17,S4	12	170	4B
4050.033	5	T32,R17,S11	10	160	4B
4051.015	40	T32,R17,S12	12	130	4B
4051.020	16	T32,R17,S12	6	120	4B
4051.027	37	T32,R17,S12	12	130	4B
4052.007	31	T32,R17,S13	8	170	4B
4052.008	52	T32,R17,S13	12	120	4B
4052.018	18	T32,R17,S24	12	150	4A
4052.021	23	T32,R17,S24	12	120	4A

Stand ID	Ac.	Legal Description	Avg dbh	Avg BA	MA
4053.003	31	T32,R17,S22	12	130	4B
4053.012	13	T32,R17,S24	14	150	4A
4053.013	5	T32,R17,S24	14	160	4A
4054.003	33	T32,R17,S21	10	140	4B
4055.022	40	T32,R17,S16	10	140	4B
4056.002	22	T32,R17,S17	10	150	2C
4056.003	3	T32,R17,S17	8	150	2C
4056.004	4	T32,R17,S17	10	170	2C
4056.005	82	T32,R17,S17	10	140	2C
4057.002	55	T32,R17,S18	14	160	2C
4057.017	34	T32,R17,S19	12	140	2C
4060.015	17	T32,R16,S26	10	160	2C
4060.026	7	T32,R16,S26	8	220	2C
4061.002	7	T32,R17,S14	8	150	1C
4061.004	5	T32,R17,S14	8	140	1C
4064.017	31	T32,R16,S27	6	190	2C
4064.022	13	T32,R16,S33	12	180	2C
4064.023	10	T32,R16,S33	10	180	2C
4064.028	4	T32,R16,S33	12	140	2C
4064.030	6	T32,R16,S33	8	240	2C
4064.032	9	T32,R16,S34	8	280	2C
4064.034	24	T32,R16,S33	14	140	2C
4064.035	15	T32,R16,S33	8	200	2C
4064.038	6	T32,R16,S33	10	170	2C
4065.005	6	T32,R16,S34	12	130	2C
4065.007	59	T32,R16,S34	6	190	2C
4065.008	19	T32,R16,S34	10	170	2C
4068.040	32	T32,R17,S33	11	150	4B
4068.044	18	T32,R17,S33	11	150	4B
4069.020	7	T32,R17,S34	14	170	4B
4070.005	14	T32,R17,S34	14	160	4B
4070.007	3	T32,R17,S35	12	160	4B
4070.043	13	T31,R17,S10	12	160	4B
4071.004	24	T33,R16,S12	8	110	3C
4071.010	8	T33,R16,S12	10	140	3C
4071.011	10	T33,R16,S12	7	140	3C
4072.012	32	T32,R17,S35	12	180	4B
4072.015	28	T32,R17,S36	8	200	4B
4072.028	6	T32,R17,S35	12	190	4B
4072.038	5	T32,R17,S35	10	160	4B
4073.008	15	T31,R17,S1	10	190	4B
4073.020	24	T31,R17,S1	12	180	4B
4074.002	13	T31,R17,S3	11	140	4B
4074.013	50	T31,R17,S10	12	180	4B
4074.017	35	T31,R17,S10	10	160	4B
4074.021	9	T31,R17,S10	10	160	4B
4074.023	59	T31,R17,S10	12	140	4B
4076.022	43	T31,R17,S4	12	140	4B
4076.033	10	T31,R17,S3	12	160	4B
4076.037	8	T31,R17,S4	6	170	4B
4076.040	9	T31,R17,S4	12	170	4B
4077.002	43	T31,R17,S9	10	160	4A
4077.003	6	T31,R17,S9	10	190	4A
4077.004	4	T31,R17,S10	12	200	4A
4077.022	12	T31,R17,S16	11	170	4A
4078.009	12	T31,R17,S8	8	170	4A
4078.016	24	T31,R17,S5	6	160	4A

Stand ID	Ac.	Legal Description	Avg dbh	Avg BA	MA
4078.023	4	T31,R17,S4	10	140	4A
4078.033	18	T31,R17,S4	8	140	4A
4079.002	10	T31,R17,S6	9	150	4A
4079.039	90	T31,R17,S7	11	170	4A
4082.006	106	T31,R17,S18	11	170	4A
4082.009	195	T31,R17,S18	11	130	4A
4082.011	9	T31,R17,S19	10	150	4A
4082.015	7	T31,R16,S13	9	220	4A
4082.019	29	T31,R17,S18	8	210	4A
4083.029	24	T31,R17,S21	8	200	4A
4084.021	7	T31,R17,S22	9	170	4A
4084.027	16	T31,R17,S21	6	110	4A
4084.029	8	T31,R17,S21	8	140	4A
4085.001	20	T31,R17,S11	8	150	4B
4087.016	46	T31,R17,S23	10	140	4A
4087.038	8	T31,R17,S23	12	130	4A
4089.031	30	T31,R17,S26	6	110	4A
4089.036	34	T31,R17,S27	6	120	4A
4089.037	20	T31,R17,S26	6	110	4A
4089.039	22	T31,R17,S26	6	130	4A
4089.051	23	T31,R17,S26	7	110	4A
4090.001	60	T31,R17,S21	6	140	4A
4090.031	47	T31,R17,S28	8	150	4A
4090.032	21	T31,R17,S27	6	150	4A
4094.001	32	T31,R17,S27	6	120	4A
4094.004	31	T31,R17,S34	8	140	4A
4094.005	44	T31,R17,S34	8	170	4A
4094.007	30	T31,R17,S33	6	100	4A
4094.009	55	T31,R17,S27	6	150	4A
4095.009	32	T31,R17,S34	6	120	4A
4095.010	52	T31,R17,S34	8	150	4A
4095.012	40	T31,R17,S33	7	130	4A
4095.013	28	T31,R17,S33	6	130	4A
4095.018	25	T31,R17,S33	7	130	4A
4096.002	38	T31,R17,S34	8	120	4A
4096.003	22	T31,R17,S34	6	140	4A
4112.001	24	T33,R15,S3	8	230	2A
4112.004	22	T33,R15,S3	12	180	2A
4124.105	5	T33,R16,S32			1C
4130.014	5	T32,R14,S10	6	130	2A
4130.024	39	T32,R14,S10	6	200	2A
4140.012	3	T32,R14,S32	7	170	1C
4144.020	30	T32,R15,S25	12	180	2C
4145.014	122	T32,R15,S25	12	180	1C
4145.015	182	T32,R15,S25	12	140	1C
4146.006	9	T32,R16,S20	12	200	2C
4148.024	24	T32,R16,S20	12	180	2C
4150.001	10	T31,R15,S2	12	200	2C
4150.005	65	T31,R15,S2	11	170	2C
4150.013	15	T31,R15,S1	12	180	2C
4150.018	21	T31,R15,S2	10	170	2C
4150.044	20	T31,R15,S1	12	190	2C
4150.045	20	T31,R15,S1	14	190	2C
4151.027	70	T31,R15,S11	10	180	2C
4151.029	286	T31,R15,S2	14	130	2C
4151.042	37	T31,R15,S3	10	130	2C
4151.049	122	T31,R15,S2	12	140	2C

Stand ID	Ac.	Legal Description	Avg dbh	Avg BA	MA
4153.002	8	T32,R15,S32	8	150	2C
4155.003	34	T31,R14,S1	11	130	2C
4155.014	44	T32,R14,S36	9	130	2C
4155.016	6	T31,R14,S1	9	150	2C
4155.020	10	T31,R14,S1	9	160	2C
4156.002	6	T31,R14,S1	12	140	2C
4156.004	165	T31,R14,S12	12	170	2C
4156.007	133	T31,R14,S12	12	170	2C
4156.011	24	T31,R14,S12	12	140	2C
4158.007	5	T31,R15,S12	6	240	2C
4158.025	152	T31,R15,S16	12	160	2C
4159.002	12	T31,R15,S14	11	140	2C
4159.006	4	T31,R15,S14	12	170	2C
4159.009	210	T31,R15,S15	5	120	2C
4159.010	101	T31,R15,S15	8	170	2C
4159.012	6	T31,R15,S15	8	160	2C
4159.014	9	T31,R15,S15	8	220	2C
4159.015	5	T31,R15,S15	13	160	2C
4159.018	3	T31,R15,S15	8	230	2C
4159.020	132	T31,R15,S15	11	130	2C
4159.030	157	T31,R15,S23	12	140	2C
4160.002	314	T31,R15,S1	12	150	2C
4160.004	219	T31,R15,S2	12	150	2C
4160.005	17	T31,R15,S2	8	140	2C
4160.008	50	T31,R15,S11	8	170	2C
4160.009	48	T31,R15,S12	12	160	2C
4160.033	21	T31,R15,S12	8	160	2C
4161.001	5	T31,R15,S11	8	170	2C
4161.002	174	T31,R15,S11	12	140	2C
4161.021	97	T31,R15,S13	14	140	2C
4161.022	27	T31,R15,S13	6	200	2C
4161.025	60	T31,R15,S13	14	150	2C
4161.026	33	T31,R15,S13	14	180	2C
4161.029	39	T31,R15,S13	14	190	2C
4164.012	50	T31,R16,S17	14	140	2C
4165.026	19	T31,R16,S23	6	120	4A
4171.001	9	T31,R16,S18	10	180	2A
4173.022	29	T31,R15,S25	8	200	2C
4173.023	80	T31,R15,S26	14	150	2C
4173.024	42	T31,R15,S26	10	160	2C
4173.029	46	T31,R15,S26	14	150	2C
4173.033	21	T31,R15,S25	10	160	2C
4175.016	40	T31,R15,S34	13	140	2C
4176.002	313	T31,R15,S27	13	140	2C
4176.003	14	T31,R15,S22	6	190	2C
4176.005	76	T31,R15,S22	12	150	2C
4176.007	21	T31,R15,S27	12	150	2C
4176.012	44	T31,R15,S33	8	170	2C
4178.001	7	T31,R15,S33	10	7	2C
4178.013	218	T31,R15,S33	11	170	2C
4178.014	44	T31,R15,S33	12	150	2C
4178.020	6	T31,R15,S33	8	180	2C
4185.001	82	T31,R15,S6	11	130	2C
4185.013	28	T31,R15,S5	8	190	2C
4186.006	23	T32,R16,S33	16	160	2C
4186.011	17	T32,R16,S32	8	140	2C
4186.015	25	T32,R16,S33	10	150	2C

Stand ID	Ac.	Legal Description	Avg dbh	Avg BA	MA
4186.016	50	T32,R16,S33	14	170	2C
5003.020	104	T37,R15,S17	10	150	2C
5003.022	128	T37,R15,S17	12	140	2C
5006.008	30	T37,R15,S10	13	150	2C
5006.018	15	T37,R15,S10	13	140	2C
5006.030	15	T37,R15,S10	12	160	2C
5007.018	36	T37,R15,S2	13	140	2C
5007.019	10	T37,R15,S2	11	160	2C
5007.028	48	T37,R15,S2	12	160	2C
5007.035	6	T37,R15,S11	14	150	2C
5008.009	37	T37,R15,S12	10	140	2C
5008.011	14	T37,R15,S12	8	120	2C
5008.018	31	T37,R15,S11	6	100	2C
5008.024	5	T37,R15,S11	14	160	2C
5008.029	30	T37,R15,S11	10	140	2C
5008.045	32	T37,R15,S11	6	110	2C
5008.053	5	T37,R15,S11	12	200	2C
5010.018	15	T37,R15,S1	8	150	2C
5010.028	7	T37,R15,S1	10	120	2C
5020.003	13	T37,R15,S21	14	150	2C
5021.012	30	T37,R15,S20	14	110	2C
5037.006	109	T36,R15,S10	14	150	2C
5037.021	38	T36,R15,S9	14	150	2C
5038.002	51	T37,R15,S2	14	190	2C
5038.010	13	T37,R15,S3	12	160	2C
5046.006	31	T36,R16,S11	10	140	1C
5046.017	4	T36,R16,S11	10	140	1C
5049.016	34	T36,R16,S24	8	130	1C
5091.027	9	T35,R15,S11	14	170	2C
5092.015	27	T35,R15,S1	14	140	2C
5093.017	6	T35,R15,S1	14	180	2C
5099.008	49	T35,R16,S15	10	180	2C
5103.011	11	T35,R16,S13	12	160	8D
5103.012	22	T35,R16,S13	9	130	8D
5103.013	35	T35,R16,S13	12	160	8D
5103.019	10	T35,R16,S24	9	130	8D
5107.005	109	T35,R16,S23	12	150	1C
5107.021	59	T35,R16,S14	9	120	1C
5108.016	10	T35,R16,S22	8	200	1C
5110.011	126	T35,R16,S20	12	170	1C
5110.019	5	T35,R16,S20	12	180	1C
5114.021	45	T35,R16,S19	7	150	1C
5115.002	5	T35,R16,S30	13	140	2A
5119.008	22	T35,R15,S24	12	140	2A
5119.021	20	T35,R15,S25	10	148	2A
5121.008	10	T35,R15,S27	10	130	2A
5121.012	105	T35,R15,S27	10	170	2A
5122.004	11	T35,R15,S33	8	210	2A
5122.010	18	T35,R15,S33	8	220	2A
5144.011	5	T34,R18,S10	9	180	2C
5146.002	33	T35,R14,S35	8	120	2C
5149.012	12	T34,R15,S6	9	210	2A
5150.004	19	T34,R15,S7	9	160	2A
5150.007	24	T34,R15,S7	10	160	2A
5150.010	32	T34,R15,S7	8	120	2A
5152.002	20	T34,R15,S4	9	130	2A
5152.003	4	T34,R15,S4	8	110	2A

Stand ID	Ac.	Legal Description	Avg dbh	Avg BA	MA
5152.014	3	T34,R15,S4	8	210	2A
5153.002	7	T34,R15,S3	9	140	2A
5153.003	4	T34,R15,S4	8	130	2A
5153.004	1	T34,R15,S4	8	210	2A
5158.011	47	T34,R16,S8	8	140	1C
5158.020	6	T34,R16,S8	9	230	1C
5159.007	9	T34,R16,S17	9	220	1C
5160.002	37	T34,R16,S9	7	190	1C
5164.001	5	T34,R16,S14	6	160	1C
5164.002	20	T34,R16,S14	7	175	1C
5164.005	14	T34,R16,S14	10	140	1C
5166.002	27	T34,R16,S1	10	140	1C
5166.012	18	T34,R16,S1	9	130	1C
5231.003	5	T37,R13,S2	10	140	2A
5233.035	15	T37,R13,S14	6	200	2A
5245.002	23	T38,R12,S24	8	210	1C
5257.037	32	T37,R12,S32	6	180	1C
5257.052	24	T37,R12,S32	7	120	1C
5257.053	32	T37,R12,S32	7	210	1C
5257.065	3	T37,R12,S33	7	210	1C
TOTAL	10,557				

<p>MANAGEMENT AREA DEFINITIONS</p> <p>Early Successional Vegetation: 1C = Aspen Mixed with Hardwood</p> <p>Uneven-aged Northern Hardwoods 2A = Interior Northern Hardwoods Emphasis –5-20% Aspen 2C = Northern Hardwoods, Smaller Patches –15-30% Aspen</p> <p>Even-aged Northern Hardwoods 3C = Emphasis on Oak and Aspen Smaller Patches</p> <p>Upland Conifer 4A = Red, White, and Jack Pine, Primarily of Plantation Origin 4B = Red and White Pine of Natural Origin, Large Patch Sizes</p> <p>Special Designations 8D = Wild, Scenic, and Recreational River Corridors 8F = Special Management Areas</p>
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