Tree Condition and Mortality Following Defoliation by the *Gypsy Moth*



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The trees by this house in Connecticut once provided wholesome greenery and shade. Now they are completely defoliated by the gypsy moth.

COVER PHOTO: A fully grown gypsy moth larva.

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INTRODUCTION

RELATIONSHIPS BETWEEN expected defoliation and the subsequent condition and mortality rate among the defoliated trees are almost always important factors in deciding if, when, and where to take control action against a defoliator such as the gypsy moth, *Porthetria dispar* (L.). Unfortunately, neither the after-defoliation condition of the trees nor their after-defoliation mortality rate have been predictable beforehand with a known degree of accuracy, and this has contributed to the uncertainty that has accompanied many control decisions in the past.

The objective of our work is to present a basis from which increasingly more accurate forecasting schemes can be developed for predicting both tree condition and mortality subsequent to defoliation. This basis, which is derived from a review of certain historical records, consists of a series of 323 tables giving both annual and cumulative tree-mortality rates, as well as the subsequent condition classes of the surviving trees, for particular tree species or species groups, and according to history of defoliation. These tables were prepared by sorting raw data from permanent plots. Like all such bases, they will have to be tested, and modified as necessary, to improve their predictive accuracy.

The records used here were taken between 1911 and 1931 by personnel of the now-defunct USDA Gypsy Moth Laboratory at Melrose Highlands, Massachusetts. They established 264 circular plots (0.18-acre) in 1911 and 1912 along the eastern seaboard of New England, from Wareham, Massachusetts, to Kennebunk, Maine. Within every plot, every tree over 3 inches in diameter at breast height (d.b.h.) was numbered; and the species, dominance class, and diameter class of each were recorded. Annual records were then maintained on defoliation and tree condition for each numbered tree. Although some of these records were lost, we have records for 14,266 trees.

Since the trees on most of the plots were stripped of their foliage two or more times between 1911 and 1922, and many were heavily defoliated for 2 years running, these records certainly reflect the most severe, widespread, *carefully documented* outbreak by this insect in North America. Although plots were established in a wide variety of forest stands, most of these stands were characterized by some species of oak (*Quercus spp.*) or gray birch (*Betula populifolia* Marsh.), and at least some red maple (*Acer rubrum* L.) and white pine (*Pinus strobus* L.).

Annual records were maintained through 1922 on 121 of the original 264 plots. Tree losses by the end of this 12-year period—averaged across these 121 plots—were 58 percent among white oak (*Quercus alba* L.), 55 percent among the gray birch, 46 percent among both black oak (*Quercus velutina* Lam.) and scarlet oak (*Quercus coccinea* Muench.), and 27 percent among red oak (*Quercus rubra* L.). Twenty-six percent of the white pine and 25 percent of the red maple also died. Within any given species, mortality rates tended to be highest among suppressed trees and lowest among dominant trees. Mortality rates were also consistently highest among trees classified in poor condition before heavy defoliation, and lowest among those classified as good.

Although species alteration due to gypsy moth activities was not documented directly, we infer from the records that these activities tended to accelerate the decline of pioneer gray birch stands, to reduce the ratio of white oak to red oak, and to increase the white pine component in mixed oak-white pine or gray birch-white pine stands. Ingrowth records, unfortunately, are not available; but this deficiency might be remedied by a careful study of current forest stands in this same general area.

PROCEDURE

The following independent variables were used in assembling the tables that follow:

1. Tree species.
2. Dominance class.
3. Diameter class.
4. Defoliation history.
5. Tree condition before defoliation.

First, the above records were sorted by species. Second, each species was separated into dominance classes: dominant, intermediate, or suppressed. Third, each dominance class was sorted by diameter class: d.b.h. less than 6 inches (class 1), or d.b.h. at least 6 inches (class 2). Fourth, the original defoliation records were sorted into two defoliation cate-

gories: less than 75 percent defoliation, or at least 75 percent defoliation.

These defoliation categories were chosen because most species of hardwood trees will refoliate a few weeks after defoliation by this insect if the original defoliation reaches 75 percent, and refoliation is thought to represent a major additional drain on the energy reserves of defoliated trees. (See Wargo, P. M., J. Parker, and D. R. Houston: STARCH CONTENT OF SUGAR MAPLE MAY INDICATE PHYSIOLOGICAL IMPACT OF DEFOLIATION; submitted to Forest Science, 1971.)

Fifth, the defoliation history of each tree was scanned across 1, 2, 3, or 5 years until one or more of the following histories was encountered (using the symbol H to represent at least 75 percent defoliation, and L to represent less than 75 percent): H, HH, HHH, LLH, HLH, LHH, LLLLL. For example, the history H represents a single known high-level defoliation preceded by an unknown pre-history, while the symbols LLH represent a single high-level defoliation preceded by two successive years when defoliation was known to be low.

These particular histories were chosen for three reasons. First, preliminary scanning of the data indicated that a 3-year defoliation history was adequate for characterizing subsequent tree mortality. For example, the consequences of the history HLLH were not consistently more severe, in terms of subsequent tree mortality, than the history LLLH. Second, the histories H and HH were chosen because they may enable the manager who knows specific defoliation histories for only 1 or 2 years to make better control decisions. Third, the history LLLLL was chosen because it reflects both subsequent condition and mortality among trees that had not been heavily defoliated for at least 5 years running.

Finally, when one of the first six defoliation histories was found, the tree was classed according to its condition (good, fair, or poor) in the fall of the year preceding the first high-level defoliation in that history. When the seventh defoliation history (LLLLL) was found, the tree was classed according to its condition in the fall of the fourth successive year of low defoliation.

We used two dependent variables: tree condition (good, fair, or poor); and tree mortality subsequent to defoliation. These values were tabulated for each year, from the fall of the year the defoliation history ended, year N, to year N+5—unless the tree died or further heavy defoliation was encountered.

Unfortunately we have not been able to locate a description of either the procedures the Melrose Laboratory workers used to estimate defoliation or their criteria for determining tree condition.

HOW TO READ THE TABLES

A portion of table 29 is reproduced below:

TABLE 29.

RED OAK * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	56.6	33.6	9.8	0.0	0.0	122
N+1	55.6	17.8	15.6	11.1	11.1	90
N+2	64.4	11.9	15.3	8.5	18.6	59
N+3	60.0	27.5	7.5	5.0	22.7	40
N+4	69.4	19.4	11.1	0.0	22.7	36
N+5	66.7	15.2	15.2	3.0	25.1	33

122 observations were made on the immediate after-defoliation condition of suppressed red oak trees less than 6 inches d.b.h. and in good condition just before a single heavy defoliation. None of these trees died in year N, but only 56.6 percent of them were rated in good condition that fall, while 33.6 percent were judged to be in fair condition and 9.8 percent were classified poor.

Although no trees died in year N, only 90 of the original 122 trees remained in the records in year N+1, either because the 32 missing trees were again heavily defoliated in year N+1, or because their records were terminated because the plot was dropped or the study had ended. In any case, 11.1 percent of these 90 trees died in year N+1.

59 trees remained in the records by year N+2. Since 8.5 percent of these 59 trees died in year N+2, cumulative mortality for this stratum was calculated at 18.6 percent, using the formula:

$$\text{CumMort}_i = \text{CumMort}_{i-1} + (100. - \text{CumMort}_{i-1}) * (\text{Mort}_i) \quad [1]$$

in which:

CumMort_i = Cumulative percent mortality by year i.
CumMort_{i-1} = Cumulative percent mortality by year $_{i-1}$.
Mort_i = Proportion dying in year i.

Finally, by year N+5, cumulative mortality had reached 25.1 percent, while the condition among the survivors, in this case, remained about the same as it had been in the fall of year N.

SUGGESTED USE OF THE TABLES

All the tables that follow reflect the unfortunate fact that the number of observations for any stratum was reduced considerably between years N and N+5. In practice, this means that the data base for long range (5-year) forecasts tends to be much less adequate than the base for short-range (1-year) forecasts, so the tables that follow have had to be constructed to cope, in part, with this problem.

We have assumed that users will want (1) information about the most specific category the basic data would allow, (2) across as many as 5 later years. Obviously there is no way of knowing the operational adequacy of these tables until they have been tested, but we have assumed that as few as 20 observations *might* yield a reasonably accurate forecast; so some of the tables that follow contain as few as 20 observations, even in year N. On the other hand, more general categories, which contain less specific information (for example, red oak instead of large dominant red oak) also contain more observations; and these more general tables may also prove to be useful. Finally, three extremely broad categories—mixed oak, food class B (edible, but not favored), and food class C (generally not eaten by this insect)—have also been tabulated because they contain the largest number of observations, albeit on very broad categories.

We suggest that prospective users should decide beforehand on the number of observations any given row in any given table must contain to be acceptable, and use the most specific table that meets this criterion. For example, the relevant table for large dominant white oaks might be adequate for years N and N+1, while the appropriate table for large dominant mixed oaks might be satisfactory for years N through N+3. One might have to use the appropriate table for unstratified white oaks for a satisfactory forecast through year N+4; and finally, the table for unstratified mixed oaks might have to be used for a forecast covering years N through N+5.

CAUTION. At first glance, one might suppose that our tables for trees within any given stratum that were exposed to little or no defoliation for 5 years running (LLLLL) would constitute a valid "control" against which to compare mortality rates and/or conditions for the same tree stratum that had been exposed to some more rigorous defoliation regime. This may not be true, because many of these trees represent survivorship from a preceding period of high-level defoliation and massive mortality. Thus these survivors may represent a sample biased toward defoliation resistance when compared to a more typical stand.

INDEX TO TABLES

Dominance class	Diameter (d.b.h) class (inches)	Defoliation history	Table No.
RED OAK (*Quercus rubra* L.)			
All	All	H	1
"	"	HH	2
"	"	HHH	3
"	"	LLH	4
"	"	HLH	5
"	"	LHH	6
"	"	LLLLL	7
Dominant	≤6	H	8
"	"	HH	9
"	"	LLH	10
"	"	LLLLL	11
"	>6	H	12
"	"	HH	13
"	"	LLH	14
"	"	HLH	15
"	"	LHH	16
"	"	LLLLL	17
Intermediate	≤6	H	18
"	"	HH	19
"	"	LLH	20
"	"	HLH	21
"	"	LHH	22
"	"	LLLLL	23
"	>6	H	24
"	"	HH	25
"	"	LLH	26
"	"	HLH	27
"	"	LLLLL	28
Suppressed	≤6	H	29
"	"	HH	30
"	"	LLH	31
"	"	LLLLL	32
BLACK OAK (*Quercus velutina* Lam.)			
All	All	H	33
"	"	HH	34
"	"	LLH	35
"	"	HLH	36
"	"	LHH	37
"	"	LLLLL	38
Dominant	≤6	H	39
"	"	LLH	40
"	"	HLH	41
"	"	LLLLL	42
"	>6	H	43
Dominant	>6	HH	44
"	"	LLH	45
"	"	HLH	46
"	"	LLLLL	47
Intermediate	≤6	H	48
"	"	HH	49
"	"	LLH	50
"	"	HLH	51
"	"	LLLLL	52
"	>6	H	53
"	"	HH	54
"	"	LLH	55
"	"	LLLLL	56
Suppressed	≤6	H	57
"	"	LLH	58
"	"	LLLLL	59
"	>6	H	60
SCARLET OAK (*Quercus coccinea* Muench.)			
All	All	H	61
"	"	HH	62
"	"	LLH	63
"	"	HLH	64
"	"	LHH	65
"	"	LLLLL	66
Dominant	≤6	H	67
"	"	LLH	68
"	"	HLH	69
"	"	LLLLL	70
"	>6	H	71
"	"	HH	72
"	"	LLH	73
"	"	LLLLL	74
Intermediate	≤6	H	75
"	"	LLH	76
"	"	HLH	77
"	"	LLLLL	78
"	>6	H	79
Suppressed	≤6	H	80
WHITE OAK (*Quercus alba* L.)			
All	All	H	81
"	"	HH	82
"	"	HHH	83
"	"	LLH	84

Dominance class	Diameter (d.b.h) class (inches)	Defoliation history	Table No.
All	All	HLH	85
"	"	LHH	86
"	"	LLLLL	87
Dominant	≤6	H	88
"	"	HH	89
"	"	LLH	90
"	"	LLLLL	91
"	>6	H	92
"	"	HH	93
"	"	HHH	94
"	"	LLH	95
"	"	HLH	96
"	"	LHH	97
"	"	LLLLL	98
Intermediate	≤6	H	99
"	"	HH	100
"	"	LLH	101
"	"	HLH	102
"	"	LLLLL	103
"	>6	H	104
"	"	HH	105
"	"	LLH	106
"	"	LLLLL	107
Suppressed	≤6	H	108
"	"	HH	109
"	"	LLH	110
"	"	LHH	111
"	"	LLLLL	112
"	>6	H	113
GRAY BIRCH (*Betula populifolia* Marsh.)			
All	All	H	114
"	"	HH	115
"	"	HHH	116
"	"	LLH	117
"	"	HLH	118
"	"	LHH	119
"	"	LLLLL	120
Dominant	≤6	H	121
"	"	HH	122
"	"	LLH	123
"	"	HLH	124
"	"	LHH	125
"	"	LLLLL	126
Intermediate	≤6	H	127
"	"	HH	128
"	"	LLH	129
"	"	HLH	130
"	"	LHH	131
"	"	LLLLL	132
Suppressed	≤6	H	133
"	"	LLH	134
"	"	LLLLL	135
PAPER BIRCH (*Betula papyrifera* Marsh.)			
All	All	H	136
"	"	LLH	137
"	"	LLLLL	138
Dominant	≤6	H	139
"	"	LLH	140
"	"	LLLLL	141
"	>6	H	142
"	"	LLH	143
"	"	LLLLL	144
Intermediate	≤6	H	145
"	"	LLH	146
"	"	LLLLL	147
RIVER BIRCH (*Betula nigra* L.)			
All	All	H	148
"	"	HLH	149
"	"	LLLLL	150
Dominant	>6	H	151
"	"	HLH	152
Intermediate	>6	H	153
"	"	HLH	154
ASPEN (*Populus spp.*)			
All	All	H	155
"	"	LLH	156
"	"	HLH	157
"	"	LLLLL	158
Dominant	≤6	H	159
"	"	LLH	160
"	>6	H	161
Intermediate	≤6	H	162
Suppressed	≤6	H	163
WILLOW (*Salix spp.*)			
All	All	H	164
"	"	HH	165
"	"	LLH	166
"	"	LHH	167
"	"	LLLLL	168
LINDEN (*Tilia americana* L.)			
All	All	H	169
"	"	LLH	170
"	"	LLLLL	171

Dominance class	Diameter (d.b.h) class (inches)	Defoliation history	Table No.
	LARCH (*Larix spp.*)		
All	All	H	172
"	"	LLH	173
"	"	LLLLL	174
Dominant	≤6	H	175
"	"	LLH	176
"	>6	H	177
"	"	LLH	178
"	"	LLLLL	179
Intermediate	≤6	H	180
"	"	LLH	181
"	"	LLLLL	182
	RED MAPLE (*Acer rubrum* L.)		
All	All	H	183
"	"	HH	184
"	"	HHH	185
"	"	LLH	186
"	"	HLH	187
"	"	LHH	188
"	"	LLLLL	189
Dominant	>6	H	190
"	"	LLH	191
"	"	LHH	192
"	"	LLLLL	193
Intermediate	≤6	H	194
"	"	HH	195
"	"	LLH	196
"	"	LHH	197
"	"	LLLLL	198
"	>6	H	199
"	"	LLH	200
"	"	LLLLL	201
Suppressed	≤6	H	202
"	"	HH	203
"	"	LLH	204
"	"	LHH	205
"	"	LLLLL	206
	WHITE PINE (*Pinus strobus* L.)		
All	All	H	207
"	"	LLH	208
"	"	LLLLL	209
Dominant	>6	H	210
"	"	LLH	211
"	"	LLLLL	212
Intermediate	≤6	H	213
"	"	LLLLL	214
"	>6	H	215
Intermediate	>6	LLH	216
"	"	LLLLL	217
Suppressed	≤6	H	218
"	"	LLH	219
"	"	LLLLL	220
	HICKORY (*Carya spp.*)		
All	All	H	221
"	"	LLH	222
"	"	LLLLL	223
	AMERICAN BEECH (*Fagus grandifolia* Ehrh.)		
All	All	H	224
"	"	LLH	225
"	"	LLLLL	226
	MIXED OAKS		
All	All	H	227
"	"	HH	228
"	"	HHH	229
"	"	LLH	230
"	"	HLH	231
"	"	LHH	232
"	"	LLLLL	233
Dominant	≤6	H	234
"	"	HH	235
"	"	LLH	236
"	"	HLH	237
"	"	LHH	238
"	"	LLLLL	239
"	>6	H	240
"	"	HH	241
"	"	HHH	242
"	"	LLH	243
"	"	HLH	244
"	6	LHH	245
"	"	LLLLL	246
Intermediate	≤6	H	247
"	"	HH	248
"	"	HHH	249
"	"	LLH	250
"	"	HLH	251
"	"	LHH	252
"	"	LLLLL	253
"	>6	H	254
"	"	HH	255
"	"	LLH	256
"	"	HLH	257
"	"	LHH	258
"	"	LLLLL	259

Dominance class	Diameter (d.b.h) class (inches)	Defoliation history	Table No.
Suppressed	≤6	H	260
"	"	HH	261
"	"	LLH	262
"	"	HLH	263
"	"	LHH	264
"	"	LLLLL	265
"	>6	H	266
"	"	LLH	267
"	"	LLLLL	268
	FOOD CLASS B		
All	All	H	269
"	"	HH	270
"	"	HHH	271
"	"	LLH	272
"	"	HLH	273
"	"	LHH	274
"	"	LLLLL	275
Dominant	≤6	H	276
"	"	LLH	277
"	"	LLLLL	278
"	>6	H	279
"	"	HH	280
"	"	LLH	281
"	"	HLH	282
"	"	LHH	283
"	"	LLLLL	284
Intermediate	≤6	H	285
"	"	HH	286
"	"	LLH	287
"	"	HLH	288
"	"	LHH	289
"	"	LLLLL	290
"	>6	H	291
Intermediate	>6	HH	292
"	"	LLH	293
"	"	HLH	294
"	"	LHH	295
"	"	LLLLL	296
Suppressed	≤6	H	297
"	"	HH	298
"	"	LLH	299
"	"	LHH	300
"	"	LLLLL	301
"	>6	H	302
"	"	LLH	303
"	"	LLLLL	304
	FOOD CLASS C		
All	All	H	305
"	"	LLH	306
"	"	HLH	307
"	"	LLLLL	308
Dominant	≤6	H	309
"	"	LLH	310
"	"	LLLLL	311
"	>6	H	312
"	"	LLH	313
"	"	HLH	314
"	"	LLLLL	315
Intermediate	≤6	H	316
"	"	LLH	317
"	"	LLLLL	318
"	>6	H	319
"	"	HLH	320
"	"	LLLLL	321
Suppressed	≤6	H	322
"	"	LLLLL	323

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TREE DEFOLIATION TABLES

TABLE I.

RED OAK

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	66.7	25.9	7.2	0.2	0.2	1311
N+1	68.3	18.2	9.4	4.1	4.3	923
N+2	74.0	15.1	9.1	1.8	6.1	724
N+3	69.8	20.2	8.7	1.2	7.2	480
N+4	72.1	18.5	9.0	0.5	7.7	433
N+5	73.4	16.5	9.8	0.3	7.9	369
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	19.2	47.0	32.8	1.0	1.0	402
N+1	19.7	28.3	35.9	16.2	17.0	290
N+2	20.6	29.7	43.0	6.7	22.6	165
N+3	29.9	28.4	40.3	1.5	23.7	67
N+4	29.1	32.7	32.7	5.5	27.9	55
N+5	35.6	28.9	35.6	0.0	27.9	45
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	1.2	7.3	90.6	0.8	0.8	245
N+1	1.4	4.2	66.2	28.2	28.8	142
N+2	1.6	1.6	79.4	17.5	41.2	63
N+3	0.0	8.0	76.0	16.0	50.6	25
N+4	0.0	25.0	68.8	6.3	53.7	16
N+5	16.7	16.7	66.7	0.0	53.7	12

TABLE 2.

RED OAK

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	50.9	28.6	19.3	1.1	1.1	269
N+1	63.3	12.0	12.0	12.7	13.6	158
N+2	75.0	4.5	18.8	1.8	15.2	112
N+3	71.7	8.7	17.4	2.2	17.0	46
N+4	75.7	13.5	8.1	2.7	19.3	37
N+5	80.0	10.0	10.0	0.0	19.3	30
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	12.7	18.2	67.3	1.8	1.8	55
N+1	16.7	11.1	27.8	44.4	45.5	36
N+2	33.3	0.0	55.6	11.1	51.5	9
N+3	66.7	0.0	33.3	0.0	51.5	3
N+4	33.3	33.3	33.3	0.0	51.5	3
N+5	0.0	100.0	0.0	0.0	51.5	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	2.7	2.7	94.6	0.0	0.0	37
N+1	3.6	0.0	75.0	21.4	21.4	28
N+2	0.0	0.0	40.0	60.0	68.6	5
N+3	0.0	0.0	100.0	0.0	68.6	1
N+4	0.0	0.0	100.0	0.0	68.6	1
N+5	0.0	0.0	100.0	0.0	68.6	1

TABLE 3.

RED OAK

DEFOLIATION HISTORY--HHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	11.8	23.5	61.8	2.9	2.9	34
N+1	5.6	16.7	61.1	16.7	19.1	18
N+2	14.3	0.0	85.7	0.0	19.1	7
N+3	25.0	0.0	75.0	0.0	19.1	4
N+4	50.0	0.0	50.0	0.0	19.1	2
N+5	50.0	0.0	50.0	0.0	19.1	2
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	16.7	0.0	83.3	0.0	0.0	6
N+1	0.0	0.0	33.3	66.7	66.7	3
N+2	0.0	0.0	100.0	0.0	66.7	1
N+3	0.0	0.0	100.0	0.0	66.7	1
N+4	0.0	0.0	100.0	0.0	66.7	1
N+5	0.0	0.0	0.0	0.0	66.7	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	3
N+1	0.0	0.0	33.3	66.7	66.7	3
N+2	0.0	0.0	0.0	0.0	66.7	0
N+3	0.0	0.0	0.0	0.0	66.7	0
N+4	0.0	0.0	0.0	0.0	66.7	0
N+5	0.0	0.0	0.0	0.0	66.7	0

TABLE 4.

RED OAK

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	83.4	14.5	2.0	0.0	0.0	488
N+1	74.6	17.1	7.6	0.7	0.7	410
N+2	72.2	19.1	7.9	0.8	1.5	367
N+3	71.7	18.5	8.3	1.5	3.0	265
N+4	69.3	21.6	8.7	0.5	3.5	218
N+5	66.7	24.0	9.3	0.0	3.5	183
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	14.0	57.4	28.7	0.0	0.0	136
N+1	12.8	50.0	36.2	1.1	1.1	94
N+2	17.4	49.3	31.9	1.4	2.5	69
N+3	31.9	34.0	34.0	0.0	2.5	47
N+4	29.3	41.5	26.8	2.4	4.9	41
N+5	36.1	30.6	33.3	0.0	4.9	36
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.8	5.6	93.5	0.0	0.0	124
N+1	0.0	3.8	82.7	13.5	13.5	52
N+2	0.0	6.3	84.4	9.4	21.6	32
N+3	0.0	16.7	77.8	5.6	25.9	18
N+4	0.0	30.8	61.5	7.7	31.6	13
N+5	18.2	18.2	63.6	0.0	31.6	11

TABLE 5.

RED OAK

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	32.0	32.0	35.2	0.8	0.8	125
N+1	23.2	29.0	46.4	1.4	2.2	69
N+2	45.9	18.9	35.1	0.0	2.2	37
N+3	69.6	8.7	21.7	0.0	2.2	23
N+4	81.3	0.0	18.8	0.0	2.2	16
N+5	84.6	0.0	15.4	0.0	2.2	13
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	16.7	1.9	81.5	0.0	0.0	54
N+1	37.5	0.0	12.5	50.0	50.0	8
N+2	75.0	0.0	25.0	0.0	50.0	4
N+3	100.0	0.0	0.0	0.0	50.0	3
N+4	0.0	0.0	0.0	0.0	50.0	0
N+5	0.0	0.0	0.0	0.0	50.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	25
N+1	0.0	50.0	0.0	50.0	50.0	2
N+2	0.0	0.0	0.0	0.0	50.0	0
N+3	0.0	0.0	0.0	0.0	50.0	0
N+4	0.0	0.0	0.0	0.0	50.0	0
N+5	0.0	0.0	0.0	0.0	50.0	0

TABLE 6.

RED OAK

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	44.0	33.6	20.7	1.7	1.7	116
N+1	63.9	12.5	15.3	8.3	9.9	72
N+2	71.7	7.5	20.8	0.0	9.9	53
N+3	65.0	10.0	25.0	0.0	9.9	20
N+4	58.3	16.7	16.7	8.3	17.4	12
N+5	62.5	25.0	12.5	0.0	17.4	8
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	20.0	25.7	54.3	0.0	0.0	35
N+1	33.3	20.8	29.2	16.7	16.7	24
N+2	41.7	25.0	25.0	8.3	23.6	12
N+3	60.0	0.0	40.0	0.0	23.6	5
N+4	33.3	33.3	33.3	0.0	23.6	3
N+5	0.0	100.0	0.0	0.0	23.6	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	2.9	2.9	91.4	2.9	2.9	35
N+1	4.8	4.8	85.7	4.8	7.5	21
N+2	0.0	0.0	40.0	60.0	63.0	5
N+3	0.0	0.0	0.0	0.0	63.0	0
N+4	0.0	0.0	0.0	0.0	63.0	0
N+5	0.0	0.0	0.0	0.0	63.0	0

TABLE 7.

RED OAK

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	95.6	3.7	0.5	0.2	0.2	1103
N+1	93.8	4.6	1.3	0.3	0.5	956
N+2	91.3	7.0	1.7	0.1	0.6	846
N+3	90.4	7.8	1.7	0.1	0.7	767
N+4	88.9	8.5	2.5	0.2	0.9	649
N+5	87.2	9.4	3.4	0.0	0.9	564
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	17.6	73.0	9.4	0.0	0.0	267
N+1	30.3	57.8	11.0	0.9	0.9	218
N+2	40.4	47.9	11.2	0.5	1.4	188
N+3	48.2	43.4	8.4	0.0	1.4	166
N+4	54.1	36.3	9.6	0.0	1.4	146
N+5	62.4	26.5	10.3	0.9	2.3	117
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.7	6.4	91.5	1.4	1.4	141
N+1	0.0	17.3	80.9	1.8	3.2	110
N+2	2.2	22.5	75.3	0.0	3.2	89
N+3	5.3	22.7	72.0	0.0	3.2	75
N+4	11.6	26.1	62.3	0.0	3.2	69
N+5	12.8	31.9	55.3	0.0	3.2	47

TABLE 8.

RED OAK * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	80.9	16.3	2.9	0.0	0.0	209
N+1	77.2	18.1	4.7	0.0	0.0	149
N+2	79.7	10.2	10.2	0.0	0.0	128
N+3	79.6	11.8	8.6	0.0	0.0	93
N+4	80.0	11.8	8.2	0.0	0.0	85
N+5	81.5	11.1	7.4	0.0	0.0	81
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	16.0	48.0	36.0	0.0	0.0	25
N+1	40.0	26.7	33.3	0.0	0.0	15
N+2	27.3	27.3	45.5	0.0	0.0	11
N+3	28.6	14.3	57.1	0.0	0.0	7
N+4	33.3	16.7	50.0	0.0	0.0	6
N+5	50.0	0.0	50.0	0.0	0.0	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	18
N+1	0.0	0.0	83.3	16.7	16.7	12
N+2	0.0	0.0	100.0	0.0	16.7	5
N+3	0.0	33.3	66.7	0.0	16.7	3
N+4	0.0	33.3	66.7	0.0	16.7	3
N+5	0.0	100.0	0.0	0.0	16.7	1

TABLE 9.

RED OAK * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	62.5	28.1	9.4	0.0	0.0	32
N+1	82.6	8.7	8.7	0.0	0.0	23
N+2	81.3	0.0	18.8	0.0	0.0	16
N+3	71.4	0.0	28.6	0.0	0.0	7
N+4	83.3	0.0	16.7	0.0	0.0	6
N+5	100.0	0.0	0.0	0.0	0.0	5
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	20.0	0.0	80.0	0.0	0.0	5
N+1	50.0	0.0	50.0	0.0	0.0	2
N+2	0.0	0.0	100.0	0.0	0.0	1
N+3	0.0	0.0	100.0	0.0	0.0	1
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	0.0	0.0	0.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	1
N+1	0.0	0.0	100.0	0.0	0.0	1
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 10.

RED OAK * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	90.4	9.6	0.0	0.0	0.0	94
N+1	85.7	13.0	1.3	0.0	0.0	77
N+2	85.5	10.1	4.3	0.0	0.0	69
N+3	81.1	15.1	3.8	0.0	0.0	53
N+4	73.7	23.7	2.6	0.0	0.0	38
N+5	70.6	23.5	5.9	0.0	0.0	34
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	22.2	55.6	22.2	0.0	0.0	18
N+1	27.3	36.4	36.4	0.0	0.0	11
N+2	30.0	30.0	40.0	0.0	0.0	10
N+3	42.9	14.3	42.9	0.0	0.0	7
N+4	40.0	20.0	40.0	0.0	0.0	5
N+5	50.0	0.0	50.0	0.0	0.0	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	11
N+1	0.0	0.0	88.9	11.1	11.1	9
N+2	0.0	20.0	80.0	0.0	11.1	5
N+3	0.0	66.7	33.3	0.0	11.1	3
N+4	0.0	50.0	50.0	0.0	11.1	2
N+5	0.0	100.0	0.0	0.0	11.1	1

TABLE 11.

RED OAK * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	98.9	1.1	0.0	0.0	0.0	181
N+1	96.6	2.7	0.7	0.0	0.0	149
N+2	96.6	2.5	0.8	0.0	0.0	119
N+3	96.2	2.8	0.9	0.0	0.0	106
N+4	95.6	2.2	2.2	0.0	0.0	91
N+5	95.9	1.4	2.7	0.0	0.0	74
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	25.8	71.0	3.2	0.0	0.0	31
N+1	48.0	48.0	4.0	0.0	0.0	25
N+2	50.0	50.0	0.0	0.0	0.0	22
N+3	66.7	33.3	0.0	0.0	0.0	21
N+4	64.7	35.3	0.0	0.0	0.0	17
N+5	66.7	33.3	0.0	0.0	0.0	12
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	5.9	94.1	0.0	0.0	17
N+1	0.0	16.7	83.3	0.0	0.0	12
N+2	0.0	33.3	66.7	0.0	0.0	9
N+3	0.0	28.6	71.4	0.0	0.0	7
N+4	25.0	25.0	50.0	0.0	0.0	4
N+5	0.0	66.7	33.3	0.0	0.0	3

TABLE 12.

RED OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	65.1	27.5	7.4	0.0	0.0	619
N+1	73.7	17.1	8.9	0.3	0.3	392
N+2	74.5	16.7	8.8	0.0	0.3	330
N+3	73.0	19.1	7.9	0.0	0.3	215
N+4	72.9	18.8	8.3	0.0	0.3	192
N+5	75.7	15.1	9.2	0.0	0.3	152
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	24.4	40.6	34.4	0.6	0.6	160
N+1	31.0	26.0	37.0	6.0	6.6	100
N+2	31.7	35.0	31.7	1.7	8.1	60
N+3	25.9	29.6	44.4	0.0	8.1	27
N+4	22.7	40.9	36.4	0.0	8.1	22
N+5	28.6	42.9	28.6	0.0	8.1	21
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	8.8	90.1	1.1	1.1	91
N+1	0.0	8.0	68.0	24.0	24.8	25
N+2	0.0	0.0	90.0	10.0	32.4	10
N+3	0.0	0.0	100.0	0.0	32.4	5
N+4	0.0	33.3	66.7	0.0	32.4	3
N+5	33.3	0.0	66.7	0.0	32.4	3

TABLE 13.

RED OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	49.3	27.4	23.3	0.0	0.0	146
N+1	71.8	14.1	9.4	4.7	4.7	85
N+2	77.9	5.9	14.7	1.5	6.1	68
N+3	69.2	15.4	15.4	0.0	6.1	26
N+4	71.4	19.0	9.5	0.0	6.1	21
N+5	75.0	12.5	12.5	0.0	6.1	16
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	12.5	12.5	75.0	0.0	0.0	16
N+1	25.0	12.5	50.0	12.5	12.5	8
N+2	25.0	0.0	75.0	0.0	12.5	4
N+3	100.0	0.0	0.0	0.0	12.5	1
N+4	100.0	0.0	0.0	0.0	12.5	1
N+5	0.0	0.0	0.0	0.0	12.5	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	5.6	94.4	0.0	0.0	18
N+1	0.0	0.0	78.6	21.4	21.4	14
N+2	0.0	0.0	100.0	0.0	21.4	2
N+3	0.0	0.0	100.0	0.0	21.4	1
N+4	0.0	0.0	100.0	0.0	21.4	1
N+5	0.0	0.0	100.0	0.0	21.4	1

TABLE 14.

RED OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	85.7	12.3	2.0	0.0	0.0	203
N+1	75.7	16.4	7.9	0.0	0.0	177
N+2	70.6	20.0	9.4	0.0	0.0	160
N+3	71.7	18.3	10.0	0.0	0.0	120
N+4	69.7	19.2	11.1	0.0	0.0	99
N+5	68.4	20.3	11.4	0.0	0.0	79
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	14.0	57.9	28.1	0.0	0.0	57
N+1	12.5	52.5	35.0	0.0	0.0	40
N+2	7.1	60.7	32.1	0.0	0.0	28
N+3	16.7	44.4	38.9	0.0	0.0	18
N+4	18.8	50.0	31.3	0.0	0.0	16
N+5	26.7	46.7	26.7	0.0	0.0	15
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	13.9	86.1	0.0	0.0	36
N+1	0.0	14.3	85.7	0.0	0.0	7
N+2	0.0	0.0	100.0	0.0	0.0	5
N+3	0.0	0.0	100.0	0.0	0.0	3
N+4	0.0	50.0	50.0	0.0	0.0	2
N+5	50.0	0.0	50.0	0.0	0.0	2

TABLE 15.

RED OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	31.0	35.7	33.3	0.0	0.0	42
N+1	19.0	38.1	42.9	0.0	0.0	21
N+2	27.3	36.4	36.4	0.0	0.0	11
N+3	60.0	0.0	40.0	0.0	0.0	5
N+4	50.0	0.0	50.0	0.0	0.0	2
N+5	50.0	0.0	50.0	0.0	0.0	2
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	18.8	0.0	81.3	0.0	0.0	16
N+1	0.0	0.0	0.0	0.0	0.0	C
N+2	0.0	0.0	0.0	0.0	0.0	C
N+3	0.0	0.0	0.0	0.0	0.0	C
N+4	0.0	0.0	0.0	0.0	0.0	C
N+5	0.0	0.0	0.0	0.0	0.0	C
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	7
N+1	0.0	0.0	0.0	0.0	0.0	C
N+2	0.0	0.0	0.0	0.0	0.0	C
N+3	0.0	0.0	0.0	0.0	0.0	C
N+4	0.0	0.0	0.0	0.0	0.0	C
N+5	0.0	0.0	0.0	0.0	0.0	C

TABLE 16.

RED OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	19.6	46.4	33.9	0.0	0.0	56
N+1	40.9	22.7	31.8	4.5	4.5	22
N+2	50.0	12.5	37.5	0.0	4.5	16
N+3	55.6	22.2	22.2	0.0	4.5	9
N+4	0.0	50.0	50.0	0.0	4.5	2
N+5	0.0	100.0	0.0	0.0	4.5	1
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	30.0	10.0	60.0	0.0	0.0	10
N+1	75.0	0.0	25.0	0.0	0.0	4
N+2	100.0	0.0	0.0	0.0	0.0	2
N+3	100.0	0.0	0.0	0.0	0.0	2
N+4	100.0	0.0	0.0	0.0	0.0	1
N+5	0.0	0.0	0.0	0.0	0.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	10.0	90.0	0.0	0.0	10
N+1	0.0	0.0	100.0	0.0	0.0	8
N+2	0.0	0.0	100.0	0.0	0.0	1
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 17.

RED OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	95.2	4.0	0.8	0.0	0.0	495
N+1	94.4	4.2	1.2	0.2	0.2	427
N+2	91.0	7.7	1.3	0.0	0.2	390
N+3	90.3	8.5	1.1	0.0	0.2	352
N+4	89.1	9.9	1.1	0.0	0.2	284
N+5	86.7	12.1	1.2	0.0	0.2	256
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	15.9	74.8	9.3	0.0	0.0	107
N+1	27.5	64.8	7.7	0.0	0.0	91
N+2	47.4	43.6	9.0	0.0	0.0	78
N+3	55.7	41.4	2.9	0.0	0.0	70
N+4	61.3	33.9	4.8	0.0	0.0	62
N+5	74.1	18.5	5.6	1.9	1.9	54
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	2.4	7.1	90.5	0.0	0.0	42
N+1	0.0	20.0	80.0	0.0	0.0	35
N+2	3.4	17.2	79.3	0.0	0.0	29
N+3	8.7	21.7	69.6	0.0	0.0	23
N+4	9.1	27.3	63.6	0.0	0.0	22
N+5	13.3	13.3	73.3	0.0	0.0	15

TABLE 18.

RED OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	68.9	24.6	6.1	0.4	0.4	228
N+1	63.8	20.7	7.4	8.0	8.4	188
N+2	74.3	16.0	6.9	2.8	10.9	144
N+3	62.8	24.4	8.1	4.7	15.1	86
N+4	66.7	21.8	10.3	1.3	16.2	78
N+5	63.8	26.1	10.1	0.0	16.2	69
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	18.9	55.4	24.3	1.4	1.4	74
N+1	7.1	41.1	28.6	23.2	24.3	56
N+2	12.1	30.3	48.5	9.1	31.1	33
N+3	45.5	45.5	9.1	0.0	31.1	11
N+4	55.6	44.4	0.0	0.0	31.1	9
N+5	62.5	25.0	12.5	0.0	31.1	8
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	5.1	5.1	89.7	0.0	0.0	39
N+1	3.0	3.0	69.7	24.2	24.2	33
N+2	5.6	0.0	83.3	11.1	32.7	18
N+3	0.0	16.7	66.7	16.7	43.9	6
N+4	0.0	50.0	25.0	25.0	57.9	4
N+5	33.3	33.3	33.3	0.0	57.9	3

TABLE 19.

RED OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	66.7	19.4	13.9	0.0	0.0	36
N+1	54.5	9.1	4.5	31.8	31.8	22
N+2	76.9	0.0	23.1	0.0	31.8	13
N+3	100.0	0.0	0.0	0.0	31.8	4
N+4	100.0	0.0	0.0	0.0	31.8	3
N+5	66.7	33.3	0.0	0.0	31.8	3
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	28.6	21.4	50.0	0.0	0.0	14
N+1	18.2	18.2	9.1	54.5	54.5	11
N+2	100.0	0.0	0.0	0.0	54.5	1
N+3	0.0	0.0	0.0	0.0	54.5	0
N+4	0.0	0.0	0.0	0.0	54.5	0
N+5	0.0	0.0	0.0	0.0	54.5	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	20.0	0.0	80.0	0.0	0.0	5
N+1	20.0	0.0	80.0	0.0	0.0	5
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 20.

RED OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	77.7	19.8	2.5	0.0	0.0	121
N+1	68.0	24.0	8.0	0.0	0.0	100
N+2	68.9	24.4	5.6	1.1	1.1	90
N+3	65.5	22.4	6.9	5.2	6.2	58
N+4	66.0	26.4	5.7	1.9	8.0	53
N+5	61.7	31.9	6.4	0.0	8.0	47
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	17.9	67.9	14.3	0.0	0.0	28
N+1	15.8	57.9	21.1	5.3	5.3	19
N+2	30.8	69.2	0.0	0.0	5.3	13
N+3	60.0	40.0	0.0	0.0	5.3	10
N+4	55.6	44.4	0.0	0.0	5.3	9
N+5	62.5	25.0	12.5	0.0	5.3	8
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	2.9	2.9	94.3	0.0	0.0	35
N+1	0.0	0.0	85.7	14.3	14.3	14
N+2	0.0	0.0	90.0	10.0	22.9	10
N+3	0.0	25.0	75.0	0.0	22.9	4
N+4	0.0	50.0	25.0	25.0	42.1	4
N+5	33.3	33.3	33.3	0.0	42.1	3

TABLE 21.

RED OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	36.4	22.7	36.4	4.5	4.5	22
N+1	42.9	28.6	28.6	0.0	4.5	7
N+2	100.0	0.0	0.0	0.0	4.5	4
N+3	75.0	25.0	0.0	0.0	4.5	4
N+4	100.0	0.0	0.0	0.0	4.5	3
N+5	100.0	0.0	0.0	0.0	4.5	2
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	11.1	0.0	88.9	0.0	0.0	9
N+1	0.0	0.0	0.0	0.0	0.0	C
N+2	0.0	0.0	0.0	0.0	0.0	C
N+3	0.0	0.0	0.0	0.0	0.0	C
N+4	0.0	0.0	0.0	0.0	0.0	C
N+5	0.0	0.0	0.0	0.0	0.0	C
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	6
N+1	0.0	0.0	0.0	0.0	0.0	C
N+2	0.0	0.0	0.0	0.0	0.0	C
N+3	0.0	0.0	0.0	0.0	0.0	C
N+4	0.0	0.0	0.0	0.0	0.0	C
N+5	0.0	0.0	0.0	0.0	0.0	C

TABLE 22.

RED OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	80.8	11.5	3.8	3.8	3.8	26
N+1	85.0	0.0	0.0	15.0	18.3	20
N+2	100.0	0.0	0.0	0.0	18.3	15
N+3	100.0	0.0	0.0	0.0	18.3	1
N+4	100.0	0.0	0.0	0.0	18.3	1
N+5	0.0	100.0	0.0	0.0	18.3	1
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	25.0	41.7	33.3	0.0	0.0	12
N+1	33.3	33.3	11.1	22.2	22.2	9
N+2	50.0	50.0	0.0	0.0	22.2	4
N+3	0.0	0.0	0.0	0.0	22.2	0
N+4	0.0	0.0	0.0	0.0	22.2	0
N+5	0.0	0.0	0.0	0.0	22.2	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	10.0	0.0	90.0	0.0	0.0	10
N+1	16.7	16.7	66.7	0.0	0.0	6
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 23.

RED OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	93.8	5.1	0.5	0.5	0.5	195
N+1	91.3	7.0	1.2	0.6	1.1	172
N+2	88.4	9.6	1.4	0.7	1.8	146
N+3	88.5	8.5	2.3	0.8	2.5	130
N+4	87.8	7.8	3.5	0.9	3.4	115
N+5	86.1	7.9	5.9	0.0	3.4	101
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	14.8	75.9	9.3	0.0	0.0	54
N+1	42.9	40.5	16.7	0.0	0.0	42
N+2	43.8	40.6	15.6	0.0	0.0	32
N+3	52.2	39.1	8.7	0.0	0.0	23
N+4	77.3	13.6	9.1	0.0	0.0	22
N+5	84.6	7.7	7.7	0.0	0.0	13
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	9.1	86.4	4.5	4.5	22
N+1	0.0	33.3	66.7	0.0	4.5	12
N+2	0.0	37.5	62.5	0.0	4.5	8
N+3	0.0	50.0	50.0	0.0	4.5	6
N+4	50.0	50.0	0.0	0.0	4.5	4
N+5	0.0	100.0	0.0	0.0	4.5	1

TABLE 24.

RED OAK * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	55.4	29.8	13.2	1.7	1.7	121
N+1	53.8	18.3	15.1	12.9	14.3	93
N+2	70.4	14.8	9.3	5.6	19.1	54
N+3	58.5	24.4	17.1	0.0	19.1	41
N+4	65.8	21.1	10.5	2.6	21.2	38
N+5	76.7	10.0	13.3	0.0	21.2	30
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	13.2	58.5	26.4	1.9	1.9	53
N+1	11.6	20.9	37.2	30.2	31.5	43
N+2	10.5	21.1	47.4	21.1	46.0	19
N+3	16.7	66.7	16.7	0.0	46.0	6
N+4	20.0	60.0	20.0	0.0	46.0	5
N+5	40.0	40.0	20.0	0.0	46.0	5
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	9.4	90.6	0.0	0.0	32
N+1	0.0	8.0	64.0	28.0	28.0	25
N+2	0.0	0.0	90.9	9.1	34.5	11
N+3	0.0	0.0	75.0	25.0	50.9	4
N+4	0.0	0.0	100.0	0.0	50.9	2
N+5	0.0	0.0	100.0	0.0	50.9	2

TABLE 25.

RED OAK * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	26.9	50.0	15.4	7.7	7.7	26
N+1	42.9	0.0	21.4	35.7	40.7	14
N+2	83.3	16.7	0.0	0.0	40.7	6
N+3	80.0	0.0	20.0	0.0	40.7	5
N+4	80.0	20.0	0.0	0.0	40.7	5
N+5	80.0	0.0	20.0	0.0	40.7	5
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	25.0	75.0	0.0	0.0	8
N+1	20.0	0.0	0.0	80.0	80.0	5
N+2	100.0	0.0	0.0	0.0	80.0	1
N+3	100.0	0.0	0.0	0.0	80.0	1
N+4	0.0	100.0	0.0	0.0	80.0	1
N+5	0.0	100.0	0.0	0.0	80.0	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	4
N+1	0.0	0.0	100.0	0.0	0.0	2
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 26.

RED OAK * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	89.7	10.3	0.0	0.0	0.0	29
N+1	65.2	8.7	13.0	13.0	13.0	23
N+2	61.1	16.7	16.7	5.6	17.9	18
N+3	66.7	16.7	16.7	0.0	17.9	12
N+4	70.0	10.0	20.0	0.0	17.9	10
N+5	87.5	0.0	12.5	0.0	17.9	8
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	8.3	50.0	41.7	0.0	0.0	12
N+1	0.0	62.5	37.5	0.0	0.0	8
N+2	0.0	50.0	50.0	0.0	0.0	6
N+3	0.0	75.0	25.0	0.0	0.0	4
N+4	0.0	75.0	25.0	0.0	0.0	4
N+5	25.0	50.0	25.0	0.0	0.0	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	19
N+1	0.0	0.0	72.7	27.3	27.3	11
N+2	0.0	0.0	100.0	0.0	27.3	5
N+3	0.0	0.0	75.0	25.0	45.5	4
N+4	0.0	0.0	100.0	0.0	45.5	2
N+5	0.0	0.0	100.0	0.0	45.5	2

TABLE 27.

RED OAK * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	20.0	52.0	28.0	0.0	0.0	25
N+1	0.0	29.4	64.7	5.9	5.9	17
N+2	0.0	20.0	80.0	0.0	5.9	5
N+3	0.0	50.0	50.0	0.0	5.9	2
N+4	0.0	0.0	0.0	0.0	5.9	0
N+5	0.0	0.0	0.0	0.0	5.9	0
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	18.2	9.1	72.7	0.0	0.0	11
N+1	0.0	0.0	0.0	100.0	100.0	2
N+2	0.0	0.0	0.0	0.0	100.0	0
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	4
N+1	0.0	100.0	0.0	0.0	0.0	1
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 28.

RED OAK * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	98.3	0.8	0.8	0.0	0.0	118
N+1	99.1	0.0	0.9	0.0	0.0	107
N+2	97.1	1.9	1.0	0.0	0.0	103
N+3	96.9	2.0	1.0	0.0	0.0	98
N+4	98.8	1.2	0.0	0.0	0.0	85
N+5	97.3	1.4	1.4	0.0	0.0	74
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	37.0	59.3	3.7	0.0	0.0	27
N+1	44.4	50.0	5.6	0.0	0.0	18
N+2	52.9	41.2	5.9	0.0	0.0	17
N+3	66.7	26.7	6.7	0.0	0.0	15
N+4	69.2	23.1	7.7	0.0	0.0	13
N+5	66.7	33.3	0.0	0.0	0.0	12
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	16.7	75.0	8.3	8.3	12
N+1	0.0	28.6	71.4	0.0	8.3	7
N+2	0.0	66.7	33.3	0.0	8.3	6
N+3	0.0	50.0	50.0	0.0	8.3	4
N+4	25.0	25.0	50.0	0.0	8.3	4
N+5	66.7	33.3	0.0	0.0	8.3	3

TABLE 29.

RED OAK * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	56.6	33.6	9.8	0.0	0.0	122
N+1	55.6	17.8	15.6	11.1	11.1	90
N+2	64.4	11.9	15.3	8.5	18.6	59
N+3	60.0	27.5	7.5	5.0	22.7	40
N+4	69.4	19.4	11.1	0.0	22.7	36
N+5	66.7	15.2	15.2	3.0	25.1	33
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	15.3	43.5	40.0	1.2	1.2	85
N+1	15.5	22.5	40.8	21.1	22.1	71
N+2	13.5	24.3	54.1	8.1	28.4	37
N+3	28.6	7.1	57.1	7.1	33.5	14
N+4	18.2	9.1	45.5	27.3	51.6	11
N+5	16.7	0.0	83.3	0.0	51.6	6
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	1.7	8.6	89.7	0.0	0.0	58
N+1	2.3	2.3	58.1	37.2	37.2	43
N+2	0.0	5.9	64.7	29.4	55.7	17
N+3	0.0	0.0	71.4	28.6	68.3	7
N+4	0.0	0.0	100.0	0.0	68.3	4
N+5	0.0	0.0	100.0	0.0	68.3	3

TABLE 30.

RED OAK * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	46.4	28.6	21.4	3.6	3.6	28
N+1	15.4	23.1	30.8	30.8	33.2	13
N+2	33.3	0.0	55.6	11.1	40.7	9
N+3	50.0	0.0	25.0	25.0	55.5	4
N+4	50.0	0.0	0.0	50.0	77.7	2
N+5	100.0	0.0	0.0	0.0	77.7	1
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	25.0	66.7	8.3	8.3	12
N+1	0.0	10.0	40.0	50.0	54.2	10
N+2	0.0	0.0	50.0	50.0	77.1	2
N+3	0.0	0.0	0.0	0.0	77.1	0
N+4	0.0	0.0	0.0	0.0	77.1	0
N+5	0.0	0.0	0.0	0.0	77.1	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	7
N+1	0.0	0.0	50.0	50.0	50.0	4
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 31.

RED OAK * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	63.6	27.3	9.1	0.0	0.0	33
N+1	69.2	15.4	15.4	0.0	0.0	26
N+2	69.6	17.4	13.0	0.0	0.0	23
N+3	72.2	11.1	11.1	5.6	5.6	18
N+4	71.4	14.3	14.3	0.0	5.6	14
N+5	63.6	18.2	18.2	0.0	5.6	11
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	5.9	47.1	47.1	0.0	0.0	17
N+1	8.3	25.0	66.7	0.0	0.0	12
N+2	25.0	12.5	50.0	12.5	12.5	8
N+3	40.0	0.0	60.0	0.0	12.5	5
N+4	20.0	20.0	40.0	20.0	30.0	5
N+5	25.0	0.0	75.0	0.0	30.0	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	4.5	95.5	0.0	0.0	22
N+1	0.0	10.0	80.0	10.0	10.0	10
N+2	0.0	16.7	66.7	16.7	25.0	6
N+3	0.0	0.0	100.0	0.0	25.0	4
N+4	0.0	0.0	100.0	0.0	25.0	3
N+5	0.0	0.0	100.0	0.0	25.0	3

TABLE 32.

RED OAK * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	92.9	6.1	0.0	1.0	1.0	99
N+1	86.0	9.3	3.5	1.2	2.2	86
N+2	84.0	9.3	6.7	0.0	2.2	75
N+3	79.4	14.7	5.9	0.0	2.2	68
N+4	72.1	16.4	11.5	0.0	2.2	61
N+5	70.8	14.6	14.6	0.0	2.2	48
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	10.5	71.1	18.4	0.0	0.0	38
N+1	9.4	62.5	25.0	3.1	3.1	32
N+2	16.7	53.3	26.7	3.3	6.4	30
N+3	17.9	50.0	32.1	0.0	6.4	28
N+4	17.4	47.8	34.8	0.0	6.4	23
N+5	30.0	30.0	40.0	0.0	6.4	20
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	2.2	97.8	0.0	0.0	46
N+1	0.0	7.1	88.1	4.8	4.8	42
N+2	2.9	14.3	82.9	0.0	4.8	35
N+3	6.1	15.2	78.8	0.0	4.8	33
N+4	6.1	21.2	72.7	0.0	4.8	33
N+5	8.3	37.5	54.2	0.0	4.8	24

TABLE 33.

BLACK OAK

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	74.0	22.0	3.7	0.3	0.3	918
N+1	67.0	17.4	9.8	5.9	6.2	769
N+2	69.2	15.6	10.9	4.3	10.2	603
N+3	62.4	20.2	15.3	2.0	12.0	450
N+4	59.1	23.3	14.8	2.8	14.5	318
N+5	60.1	20.5	16.9	2.5	16.6	278
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	17.2	53.4	28.2	1.3	1.3	238
N+1	31.9	24.2	30.8	13.2	14.3	182
N+2	21.9	22.9	39.6	15.6	27.7	96
N+3	24.5	30.6	40.8	4.1	30.6	49
N+4	8.8	32.4	55.9	2.9	32.7	34
N+5	10.0	26.7	56.7	6.7	37.2	30
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	2.8	8.5	86.8	1.9	1.9	106
N+1	3.3	4.9	55.7	36.1	37.3	61
N+2	0.0	6.7	83.3	10.0	43.5	30
N+3	0.0	3.8	88.5	7.7	47.9	26
N+4	0.0	5.0	90.0	5.0	50.5	20
N+5	0.0	6.7	86.7	6.7	53.8	15

TABLE 34.

BLACK OAK

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	67.0	21.1	8.3	3.7	3.7	109
N+1	68.2	14.8	8.0	9.1	12.4	88
N+2	72.2	12.5	12.5	2.8	14.9	72
N+3	70.8	10.4	14.6	4.2	18.4	48
N+4	64.5	12.9	9.7	12.9	28.9	31
N+5	75.0	8.3	4.2	12.5	37.8	24
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	22.6	16.1	51.6	9.7	9.7	31
N+1	16.7	27.8	16.7	38.9	44.8	18
N+2	37.5	37.5	25.0	0.0	44.8	8
N+3	50.0	0.0	50.0	0.0	44.8	2
N+4	0.0	0.0	100.0	0.0	44.8	1
N+5	0.0	0.0	100.0	0.0	44.8	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	12.5	6.3	68.8	12.5	12.5	16
N+1	36.4	0.0	27.3	36.4	44.3	11
N+2	25.0	0.0	75.0	0.0	44.3	4
N+3	0.0	0.0	100.0	0.0	44.3	1
N+4	0.0	0.0	0.0	0.0	44.3	0
N+5	0.0	0.0	0.0	0.0	44.3	0

TABLE 35.

BLACK OAK

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	72.7	24.0	3.4	0.0	0.0	388
N+1	59.8	24.6	13.9	1.7	1.7	346
N+2	57.7	22.2	15.5	4.6	6.2	284
N+3	46.7	26.9	23.9	2.5	8.6	197
N+4	35.1	37.3	25.4	2.2	10.7	134
N+5	33.1	36.2	30.7	0.0	10.7	127
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	4.2	55.2	40.6	0.0	0.0	96
N+1	12.7	31.6	48.1	7.6	7.6	79
N+2	20.3	25.0	46.9	7.8	14.8	64
N+3	11.1	36.1	50.0	2.8	17.2	36
N+4	0.0	34.8	60.9	4.3	20.8	23
N+5	0.0	35.0	65.0	0.0	20.8	20
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	1.4	2.8	94.4	1.4	1.4	72
N+1	0.0	7.5	72.5	20.0	21.1	40
N+2	0.0	10.7	78.6	10.7	29.6	28
N+3	0.0	8.7	91.3	0.0	29.6	23
N+4	0.0	5.6	88.9	5.6	33.5	18
N+5	0.0	7.7	84.6	7.7	38.6	13

TABLE 36.

BLACK OAK

DEFOLIATION HISTORY--HLH

YEAR	GOCD	FAIR	PCOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GCOD CCNDITION BEFCRE FIRST HEAVY DEFOLIATION						
N	73.2	19.5	6.1	1.2	1.2	82
N+1	63.5	23.1	7.7	5.8	6.9	52
N+2	66.7	18.8	10.4	4.2	10.8	48
N+3	82.5	5.0	10.0	2.5	13.0	4C
N+4	83.3	0.0	11.1	5.6	17.9	18
N+5	88.2	0.0	11.8	0.0	17.9	17
FAIR CCNDITION BEFCRE FIRST HEAVY DEFOLIATION						
N	4.8	81.0	14.3	0.0	0.0	42
N+1	43.2	45.9	10.8	0.0	0.0	37
N+2	73.0	16.2	5.4	5.4	5.4	37
N+3	85.3	11.8	2.9	0.0	5.4	34
N+4	0.0	0.0	0.0	0.0	5.4	C
N+5	0.0	0.0	0.0	0.0	5.4	C
PCOR CCNDITION BEFCRE FIRST HEAVY DEFOLIATION						
N	0.0	50.0	50.0	0.0	0.0	2
N+1	100.0	0.0	0.0	0.0	0.0	1
N+2	100.0	0.0	0.0	0.0	0.0	1
N+3	100.0	0.0	0.0	0.0	0.0	1
N+4	0.0	0.0	0.0	0.0	0.0	C
N+5	0.0	0.0	0.0	0.0	0.0	C

TABLE 37.

BLACK OAK

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	35.6	46.7	11.1	6.7	6.7	45
N+1	44.7	31.6	13.2	10.5	16.5	38
N+2	56.7	20.0	20.0	3.3	19.3	30
N+3	66.7	11.1	11.1	11.1	28.2	9
N+4	33.3	33.3	33.3	0.0	28.2	3
N+5	33.3	33.3	0.0	33.3	52.2	3
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	14.3	14.3	57.1	14.3	14.3	21
N+1	22.2	22.2	22.2	33.3	42.9	9
N+2	40.0	40.0	20.0	0.0	42.9	5
N+3	0.0	0.0	100.0	0.0	42.9	1
N+4	0.0	0.0	100.0	0.0	42.9	1
N+5	0.0	0.0	100.0	0.0	42.9	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	10.0	70.0	20.0	20.0	10
N+1	25.0	0.0	75.0	0.0	20.0	4
N+2	0.0	0.0	100.0	0.0	20.0	1
N+3	0.0	0.0	0.0	0.0	20.0	0
N+4	0.0	0.0	0.0	0.0	20.0	0
N+5	0.0	0.0	0.0	0.0	20.0	0

TABLE 38.

BLACK OAK

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	94.7	3.9	1.1	0.3	0.3	359
N+1	91.6	6.3	1.4	0.7	1.0	285
N+2	87.3	8.8	3.4	0.5	1.5	205
N+3	83.4	12.3	4.3	0.0	1.5	163
N+4	83.1	12.5	4.4	0.0	1.5	136
N+5	78.6	15.5	6.0	0.0	1.5	84
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	22.7	68.6	8.1	0.6	0.6	172
N+1	41.4	45.1	12.3	1.2	1.8	162
N+2	47.6	38.1	14.3	0.0	1.8	126
N+3	49.1	36.8	14.0	0.0	1.8	114
N+4	60.2	27.6	12.2	0.0	1.8	98
N+5	47.7	38.5	12.3	1.5	3.3	65
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	11.1	83.7	5.2	5.2	153
N+1	4.7	17.1	77.5	0.8	6.0	129
N+2	6.5	21.3	72.2	0.0	6.0	108
N+3	9.0	32.0	59.0	0.0	6.0	100
N+4	18.3	28.0	53.8	0.0	6.0	93
N+5	21.7	15.2	63.0	0.0	6.0	46

TABLE 39.

BLACK OAK * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	69.7	28.1	2.2	0.0	0.0	178
N+1	65.4	21.8	8.3	4.5	4.5	156
N+2	76.3	11.9	7.4	4.4	8.7	135
N+3	73.8	16.5	8.7	1.0	9.6	103
N+4	65.2	22.7	12.1	0.0	9.6	66
N+5	66.1	21.0	12.9	0.0	9.6	62
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	7.5	67.5	22.5	2.5	2.5	40
N+1	61.8	20.6	14.7	2.9	5.4	34
N+2	0.0	57.1	14.3	28.6	32.4	7
N+3	33.3	0.0	66.7	0.0	32.4	3
N+4	0.0	0.0	100.0	0.0	32.4	2
N+5	0.0	0.0	100.0	0.0	32.4	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	9.1	27.3	54.5	9.1	9.1	11
N+1	20.0	0.0	20.0	60.0	63.6	5
N+2	0.0	0.0	100.0	0.0	63.6	1
N+3	0.0	0.0	100.0	0.0	63.6	1
N+4	0.0	0.0	0.0	0.0	63.6	0
N+5	0.0	0.0	0.0	0.0	63.6	0

TABLE 40.

BLACK OAK * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	73.6	25.3	1.1	0.0	0.0	91
N+1	62.4	22.4	12.9	2.4	2.4	85
N+2	61.4	20.0	12.9	5.7	7.9	70
N+3	57.7	25.0	15.4	1.9	9.7	52
N+4	37.1	42.9	20.0	0.0	9.7	35
N+5	41.2	35.3	23.5	0.0	9.7	34
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	66.7	33.3	0.0	0.0	6
N+1	50.0	16.7	33.3	0.0	0.0	6
N+2	60.0	20.0	20.0	0.0	0.0	5
N+3	0.0	50.0	50.0	0.0	0.0	2
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	100.0	0.0	0.0	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	20.0	80.0	0.0	0.0	5
N+1	0.0	0.0	33.3	66.7	66.7	3
N+2	0.0	100.0	0.0	0.0	66.7	1
N+3	0.0	100.0	0.0	0.0	66.7	1
N+4	0.0	0.0	0.0	0.0	66.7	0
N+5	0.0	0.0	0.0	0.0	66.7	0

TABLE 41.

BLACK OAK * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	90.9	9.1	0.0	0.0	0.0	11
N+1	100.0	0.0	0.0	0.0	0.0	4
N+2	75.0	0.0	25.0	0.0	0.0	4
N+3	100.0	0.0	0.0	0.0	0.0	2
N+4	100.0	0.0	0.0	0.0	0.0	2
N+5	100.0	0.0	0.0	0.0	0.0	2
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	4.2	83.3	12.5	0.0	0.0	24
N+1	45.5	45.5	9.1	0.0	0.0	22
N+2	81.8	9.1	4.5	4.5	4.5	22
N+3	95.2	0.0	4.8	0.0	4.5	21
N+4	0.0	0.0	0.0	0.0	4.5	0
N+5	0.0	0.0	0.0	0.0	4.5	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	100.0	0.0	0.0	0.0	1
N+1	100.0	0.0	0.0	0.0	0.0	1
N+2	100.0	0.0	0.0	0.0	0.0	1
N+3	100.0	0.0	0.0	0.0	0.0	1
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 42.

BLACK OAK * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	100.0	0.0	0.0	0.0	0.0	80
N+1	97.0	3.0	0.0	0.0	0.0	67
N+2	91.7	8.3	0.0	0.0	0.0	48
N+3	90.2	4.9	4.9	0.0	0.0	41
N+4	88.9	5.6	5.6	0.0	0.0	36
N+5	73.7	15.8	10.5	0.0	0.0	19
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	16.1	71.0	12.9	0.0	0.0	31
N+1	38.7	45.2	16.1	0.0	0.0	31
N+2	44.4	37.0	18.5	0.0	0.0	27
N+3	57.7	23.1	19.2	0.0	0.0	26
N+4	66.7	20.8	12.5	0.0	0.0	24
N+5	64.7	23.5	11.8	0.0	0.0	17
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	15.0	85.0	0.0	0.0	20
N+1	11.8	23.5	64.7	0.0	0.0	17
N+2	8.3	41.7	50.0	0.0	0.0	12
N+3	25.0	33.3	41.7	0.0	0.0	12
N+4	33.3	33.3	33.3	0.0	0.0	12
N+5	40.0	40.0	20.0	0.0	0.0	5

TABLE 43.

BLACK OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	81.2	14.5	3.7	0.6	0.6	324
N+1	74.5	14.8	8.1	2.6	3.2	271
N+2	73.9	12.4	10.6	3.2	6.3	218
N+3	65.6	16.6	17.8	0.0	6.3	163
N+4	64.8	19.7	13.9	1.6	7.8	122
N+5	61.9	19.0	18.1	1.0	8.7	105
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	10.3	57.4	32.4	0.0	0.0	68
N+1	10.9	36.4	36.4	16.4	16.4	55
N+2	10.8	27.0	54.1	8.1	23.1	37
N+3	10.5	36.8	52.6	0.0	23.1	19
N+4	0.0	38.5	61.5	0.0	23.1	13
N+5	0.0	36.4	63.6	0.0	23.1	11
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	2.8	97.2	0.0	0.0	36
N+1	0.0	4.5	72.7	22.7	22.7	22
N+2	0.0	0.0	100.0	0.0	22.7	14
N+3	0.0	0.0	100.0	0.0	22.7	14
N+4	0.0	0.0	91.7	8.3	29.2	12
N+5	0.0	0.0	100.0	0.0	29.2	9

TABLE 44.

BLACK OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	71.4	19.0	7.1	2.4	2.4	42
N+1	70.6	23.5	0.0	5.9	8.1	34
N+2	76.7	10.0	6.7	6.7	14.2	30
N+3	84.2	0.0	15.8	0.0	14.2	19
N+4	76.9	0.0	7.7	15.4	27.4	13
N+5	88.9	0.0	0.0	11.1	35.5	9
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	14.3	14.3	57.1	14.3	14.3	7
N+1	0.0	0.0	50.0	50.0	57.1	2
N+2	0.0	0.0	100.0	0.0	57.1	1
N+3	0.0	0.0	0.0	0.0	57.1	0
N+4	0.0	0.0	0.0	0.0	57.1	0
N+5	0.0	0.0	0.0	0.0	57.1	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	5
N+1	0.0	0.0	33.3	66.7	66.7	3
N+2	0.0	0.0	0.0	0.0	66.7	0
N+3	0.0	0.0	0.0	0.0	66.7	0
N+4	0.0	0.0	0.0	0.0	66.7	0
N+5	0.0	0.0	0.0	0.0	66.7	0

TABLE 45.

BLACK OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	79.9	15.7	4.4	0.0	0.0	159
N+1	66.9	19.7	12.7	0.7	0.7	142
N+2	63.2	17.5	14.9	4.4	5.1	114
N+3	45.9	25.7	28.4	0.0	5.1	74
N+4	36.7	36.7	26.5	0.0	5.1	49
N+5	29.2	35.4	35.4	0.0	5.1	48
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	60.5	39.5	0.0	0.0	38
N+1	9.1	42.4	42.4	6.1	6.1	33
N+2	10.7	32.1	57.1	0.0	6.1	28
N+3	5.6	38.9	55.6	0.0	6.1	18
N+4	0.0	38.5	61.5	0.0	6.1	13
N+5	0.0	36.4	63.6	0.0	6.1	11
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	96.8	3.2	3.2	31
N+1	0.0	5.0	85.0	10.0	12.9	20
N+2	0.0	0.0	93.8	6.3	18.3	16
N+3	0.0	0.0	100.0	0.0	18.3	15
N+4	0.0	0.0	91.7	8.3	25.2	12
N+5	0.0	0.0	100.0	0.0	25.2	9

TABLE 46.

BLACK OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	79.3	13.8	6.9	0.0	0.0	29
N+1	73.9	17.4	8.7	0.0	0.0	23
N+2	77.3	13.6	4.5	4.5	4.5	22
N+3	95.0	0.0	5.0	0.0	4.5	20
N+4	90.0	0.0	10.0	0.0	4.5	10
N+5	90.0	0.0	10.0	0.0	4.5	10
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	16.7	50.0	33.3	0.0	0.0	6
N+1	75.0	25.0	0.0	0.0	0.0	4
N+2	75.0	25.0	0.0	0.0	0.0	4
N+3	66.7	33.3	0.0	0.0	0.0	3
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 47.

BLACK OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	91.8	5.4	2.0	0.7	0.7	147
N+1	90.4	6.1	1.7	1.7	2.4	115
N+2	83.1	9.1	6.5	1.3	3.7	77
N+3	76.3	15.3	8.5	0.0	3.7	59
N+4	77.1	14.6	8.3	0.0	3.7	48
N+5	71.4	21.4	7.1	0.0	3.7	28
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	27.7	67.7	4.6	0.0	0.0	65
N+1	43.5	46.8	9.7	0.0	0.0	62
N+2	51.1	35.6	13.3	0.0	0.0	45
N+3	47.4	36.8	15.8	0.0	0.0	38
N+4	61.3	22.6	16.1	0.0	0.0	31
N+5	31.6	47.4	15.8	5.3	5.3	19
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	5.8	94.2	0.0	0.0	69
N+1	3.0	16.7	80.3	0.0	0.0	66
N+2	5.1	18.6	76.3	0.0	0.0	59
N+3	7.3	29.1	63.6	0.0	0.0	55
N+4	17.3	26.9	55.8	0.0	0.0	52
N+5	22.2	11.1	66.7	0.0	0.0	27

TABLE 48.

BLACK OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	71.7	24.3	3.5	0.4	0.4	226
N+1	64.2	17.9	11.6	6.3	6.7	190
N+2	62.9	20.3	13.3	3.5	10.0	143
N+3	55.9	23.4	16.2	4.5	14.0	111
N+4	51.3	30.8	12.8	5.1	18.5	78
N+5	56.9	27.7	10.8	4.6	22.2	65
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	19.6	57.1	23.2	0.0	0.0	56
N+1	40.0	15.6	35.6	8.9	8.9	45
N+2	37.5	8.3	33.3	20.8	27.9	24
N+3	43.8	31.3	18.8	6.3	32.4	16
N+4	18.2	45.5	27.3	9.1	38.5	11
N+5	22.2	22.2	44.4	11.1	45.4	9
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	6.3	6.3	87.5	0.0	0.0	16
N+1	0.0	0.0	75.0	25.0	25.0	8
N+2	0.0	0.0	25.0	75.0	81.3	4
N+3	0.0	0.0	100.0	0.0	81.3	1
N+4	0.0	0.0	100.0	0.0	81.3	1
N+5	0.0	0.0	0.0	0.0	81.3	0

TABLE 49.

BLACK OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	68.0	16.0	8.0	8.0	8.0	25
N+1	83.3	0.0	16.7	0.0	8.0	18
N+2	71.4	7.1	21.4	0.0	8.0	14
N+3	45.5	18.2	18.2	18.2	24.7	11
N+4	42.9	28.6	14.3	14.3	35.5	7
N+5	66.7	16.7	0.0	16.7	46.2	6
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	14.3	14.3	71.4	0.0	0.0	7
N+1	0.0	66.7	0.0	33.3	33.3	6
N+2	0.0	66.7	33.3	0.0	33.3	3
N+3	0.0	0.0	0.0	0.0	33.3	0
N+4	0.0	0.0	0.0	0.0	33.3	0
N+5	0.0	0.0	0.0	0.0	33.3	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	33.3	0.0	33.3	33.3	33.3	3
N+1	50.0	0.0	50.0	0.0	33.3	2
N+2	0.0	0.0	100.0	0.0	33.3	1
N+3	0.0	0.0	0.0	0.0	33.3	0
N+4	0.0	0.0	0.0	0.0	33.3	0
N+5	0.0	0.0	0.0	0.0	33.3	0

TABLE 50.

BLACK OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	61.0	35.1	3.9	0.0	0.0	77
N+1	46.5	29.6	21.1	2.8	2.8	71
N+2	45.6	29.8	19.3	5.3	7.9	57
N+3	35.7	31.0	28.6	4.8	12.3	42
N+4	30.0	40.0	20.0	10.0	21.1	30
N+5	32.0	48.0	20.0	0.0	21.1	25
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	9.5	52.4	38.1	0.0	0.0	21
N+1	11.1	22.2	61.1	5.6	5.6	18
N+2	35.7	7.1	35.7	21.4	25.8	14
N+3	33.3	33.3	33.3	0.0	25.8	9
N+4	0.0	40.0	40.0	20.0	40.6	5
N+5	0.0	50.0	50.0	0.0	40.6	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	12
N+1	0.0	33.3	66.7	0.0	0.0	6
N+2	0.0	40.0	20.0	40.0	40.0	5
N+3	0.0	0.0	100.0	0.0	40.0	1
N+4	0.0	0.0	100.0	0.0	40.0	1
N+5	0.0	0.0	0.0	0.0	40.0	0

TABLE 51.

BLACK OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	68.2	27.3	4.5	0.0	0.0	22
N+1	53.8	23.1	15.4	7.7	7.7	13
N+2	66.7	16.7	8.3	8.3	15.4	12
N+3	80.0	10.0	10.0	0.0	15.4	10
N+4	100.0	0.0	0.0	0.0	15.4	3
N+5	100.0	0.0	0.0	0.0	15.4	3
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	90.0	10.0	0.0	0.0	10
N+1	33.3	55.6	11.1	0.0	0.0	9
N+2	66.7	22.2	11.1	0.0	0.0	9
N+3	77.8	22.2	0.0	0.0	0.0	9
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 52.

BLACK OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	94.9	5.1	0.0	0.0	0.0	79
N+1	90.0	8.3	1.7	0.0	0.0	60
N+2	91.3	8.7	0.0	0.0	0.0	46
N+3	81.3	18.8	0.0	0.0	0.0	32
N+4	80.0	20.0	0.0	0.0	0.0	25
N+5	84.2	10.5	5.3	0.0	0.0	19
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	22.2	68.9	8.9	0.0	0.0	45
N+1	46.3	39.0	12.2	2.4	2.4	41
N+2	54.5	33.3	12.1	0.0	2.4	33
N+3	51.7	34.5	13.8	0.0	2.4	29
N+4	66.7	22.2	11.1	0.0	2.4	27
N+5	63.2	26.3	10.5	0.0	2.4	19
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	14.3	71.4	14.3	14.3	28
N+1	5.3	15.8	78.9	0.0	14.3	19
N+2	12.5	12.5	75.0	0.0	14.3	16
N+3	7.7	23.1	69.2	0.0	14.3	13
N+4	30.0	10.0	60.0	0.0	14.3	10
N+5	20.0	20.0	60.0	0.0	14.3	5

TABLE 53.

BLACK OAK * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	72.3	25.5	2.1	0.0	0.0	94
N+1	61.4	15.7	10.0	12.9	12.9	70
N+2	66.7	17.6	7.8	7.8	19.7	51
N+3	60.5	21.1	13.2	5.3	23.9	38
N+4	52.0	24.0	24.0	0.0	23.9	25
N+5	56.5	13.0	26.1	4.3	27.2	23
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	24.0	40.0	36.0	0.0	0.0	25
N+1	7.1	35.7	42.9	14.3	14.3	14
N+2	33.3	11.1	44.4	11.1	23.8	9
N+3	0.0	0.0	100.0	0.0	23.8	1
N+4	0.0	0.0	100.0	0.0	23.8	1
N+5	0.0	0.0	100.0	0.0	23.8	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	7.1	0.0	85.7	7.1	7.1	14
N+1	11.1	0.0	44.4	44.4	48.4	9
N+2	0.0	20.0	80.0	0.0	48.4	5
N+3	0.0	0.0	100.0	0.0	48.4	4
N+4	0.0	0.0	100.0	0.0	48.4	4
N+5	0.0	0.0	100.0	0.0	48.4	3

TABLE 54.

BLACK OAK * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	61.9	28.6	9.5	0.0	0.0	21
N+1	47.4	21.1	10.5	21.1	21.1	19
N+2	60.0	20.0	20.0	0.0	21.1	15
N+3	88.9	11.1	0.0	0.0	21.1	9
N+4	83.3	16.7	0.0	0.0	21.1	6
N+5	80.0	0.0	0.0	20.0	36.8	5
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	14.3	14.3	57.1	14.3	14.3	7
N+1	33.3	0.0	33.3	33.3	42.9	3
N+2	100.0	0.0	0.0	0.0	42.9	1
N+3	100.0	0.0	0.0	0.0	42.9	1
N+4	0.0	0.0	0.0	0.0	42.9	0
N+5	0.0	0.0	0.0	0.0	42.9	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	1
N+1	0.0	0.0	100.0	0.0	0.0	1
N+2	0.0	0.0	100.0	0.0	0.0	1
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 55.

BLACK OAK * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	66.7	33.3	0.0	0.0	0.0	33
N+1	51.9	37.0	7.4	3.7	3.7	27
N+2	54.2	33.3	8.3	4.2	7.7	24
N+3	31.3	31.3	25.0	12.5	19.3	16
N+4	20.0	30.0	50.0	0.0	19.3	10
N+5	10.0	30.0	60.0	0.0	19.3	10
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	10.0	50.0	40.0	0.0	0.0	10
N+1	0.0	20.0	80.0	0.0	0.0	5
N+2	33.3	0.0	66.7	0.0	0.0	3
N+3	0.0	0.0	100.0	0.0	0.0	1
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	100.0	0.0	0.0	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	10.0	0.0	90.0	0.0	0.0	10
N+1	0.0	0.0	60.0	40.0	40.0	5
N+2	0.0	0.0	100.0	0.0	40.0	3
N+3	0.0	0.0	100.0	0.0	40.0	3
N+4	0.0	0.0	100.0	0.0	40.0	3
N+5	0.0	0.0	100.0	0.0	40.0	2

TABLE 56.

BLACK OAK * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	95.8	4.2	0.0	0.0	0.0	24
N+1	89.5	10.5	0.0	0.0	0.0	19
N+2	78.6	14.3	7.1	0.0	0.0	14
N+3	84.6	15.4	0.0	0.0	0.0	13
N+4	90.9	9.1	0.0	0.0	0.0	11
N+5	83.3	16.7	0.0	0.0	0.0	6
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	21.4	64.3	7.1	7.1	7.1	14
N+1	33.3	58.3	8.3	0.0	7.1	12
N+2	25.0	58.3	16.7	0.0	7.1	12
N+3	33.3	58.3	8.3	0.0	7.1	12
N+4	25.0	62.5	12.5	0.0	7.1	8
N+5	0.0	80.0	20.0	0.0	7.1	5
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	18.8	81.3	0.0	0.0	16
N+1	7.7	15.4	76.9	0.0	0.0	13
N+2	8.3	25.0	66.7	0.0	0.0	12
N+3	9.1	54.5	36.4	0.0	0.0	11
N+4	9.1	36.4	54.5	0.0	0.0	11
N+5	20.0	20.0	60.0	0.0	0.0	5

TABLE 57.

BLACK OAK * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	74.3	17.6	8.1	0.0	0.0	74
N+1	52.4	15.9	15.9	15.9	15.9	63
N+2	43.9	26.8	19.5	9.8	24.1	41
N+3	34.6	34.6	26.9	3.8	27.0	26
N+4	38.1	19.0	28.6	14.3	37.4	21
N+5	41.2	5.9	41.2	11.8	44.8	17
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	31.0	40.5	23.8	4.8	4.8	42
N+1	40.0	16.7	20.0	23.3	27.0	30
N+2	31.3	31.3	18.8	18.8	40.7	16
N+3	22.2	33.3	33.3	11.1	47.3	9
N+4	16.7	16.7	66.7	0.0	47.3	6
N+5	16.7	33.3	33.3	16.7	56.1	6
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	8.0	92.0	0.0	0.0	25
N+1	0.0	6.7	40.0	53.3	53.3	15
N+2	0.0	0.0	100.0	0.0	53.3	4
N+3	0.0	0.0	50.0	50.0	76.7	4
N+4	0.0	50.0	50.0	0.0	76.7	2
N+5	0.0	50.0	0.0	50.0	88.3	2

TABLE 58.

BLACK OAK * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	81.8	13.6	4.5	0.0	0.0	22
N+1	60.0	26.7	13.3	0.0	0.0	15
N+2	50.0	14.3	35.7	0.0	0.0	14
N+3	55.6	22.2	22.2	0.0	0.0	9
N+4	50.0	12.5	37.5	0.0	0.0	8
N+5	50.0	12.5	37.5	0.0	0.0	8
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	5.9	52.9	41.2	0.0	0.0	17
N+1	14.3	35.7	28.6	21.4	21.4	14
N+2	9.1	45.5	36.4	9.1	28.6	11
N+3	0.0	40.0	40.0	20.0	42.9	5
N+4	0.0	50.0	50.0	0.0	42.9	2
N+5	0.0	50.0	50.0	0.0	42.9	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	10
N+1	0.0	0.0	60.0	40.0	40.0	5
N+2	0.0	0.0	100.0	0.0	40.0	2
N+3	0.0	0.0	100.0	0.0	40.0	2
N+4	0.0	50.0	50.0	0.0	40.0	2
N+5	0.0	50.0	0.0	50.0	70.0	2

TABLE 59.

BLACK OAK * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	95.8	0.0	4.2	0.0	0.0	24
N+1	94.7	5.3	0.0	0.0	0.0	19
N+2	94.4	5.6	0.0	0.0	0.0	18
N+3	94.1	5.9	0.0	0.0	0.0	17
N+4	86.7	13.3	0.0	0.0	0.0	15
N+5	91.7	8.3	0.0	0.0	0.0	12
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	20.0	66.7	13.3	0.0	0.0	15
N+1	28.6	50.0	14.3	7.1	7.1	14
N+2	42.9	57.1	0.0	0.0	7.1	7
N+3	42.9	57.1	0.0	0.0	7.1	7
N+4	66.7	33.3	0.0	0.0	7.1	6
N+5	50.0	50.0	0.0	0.0	7.1	4
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	12.5	62.5	25.0	25.0	16
N+1	0.0	10.0	80.0	10.0	32.5	10
N+2	0.0	16.7	83.3	0.0	32.5	6
N+3	0.0	33.3	66.7	0.0	32.5	6
N+4	0.0	40.0	60.0	0.0	32.5	5
N+5	0.0	0.0	100.0	0.0	32.5	3

TABLE 60.

BLACK OAK * SUPPRESSED * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	31.8	59.1	9.1	0.0	0.0	22
N+1	68.4	26.3	5.3	0.0	0.0	19
N+2	73.3	13.3	13.3	0.0	0.0	15
N+3	44.4	44.4	11.1	0.0	0.0	9
N+4	83.3	16.7	0.0	0.0	0.0	6
N+5	66.7	33.3	0.0	0.0	0.0	6
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	14.3	28.6	57.1	0.0	0.0	7
N+1	0.0	0.0	75.0	25.0	25.0	4
N+2	0.0	0.0	66.7	33.3	50.0	3
N+3	0.0	0.0	100.0	0.0	50.0	1
N+4	0.0	0.0	100.0	0.0	50.0	1
N+5	0.0	0.0	100.0	0.0	50.0	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	50.0	50.0	0.0	0.0	4
N+1	0.0	50.0	50.0	0.0	0.0	2
N+2	0.0	50.0	50.0	0.0	0.0	2
N+3	0.0	50.0	50.0	0.0	0.0	2
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	100.0	0.0	0.0	1

TABLE 61.

SCARLET OAK

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	65.1	28.9	4.9	1.1	1.1	637
N+1	65.8	16.5	8.7	9.0	10.0	553
N+2	68.1	17.6	9.7	4.6	14.2	392
N+3	57.4	23.5	16.7	2.4	16.2	251
N+4	57.8	26.5	14.2	1.4	17.4	211
N+5	53.9	28.7	17.4	0.0	17.4	178
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	14.0	68.4	16.2	1.3	1.3	228
N+1	38.6	26.5	20.1	14.8	15.9	189
N+2	41.1	23.2	21.4	14.3	27.9	112
N+3	41.7	31.9	23.6	2.8	29.9	72
N+4	60.7	14.8	21.3	3.3	32.2	61
N+5	28.6	33.3	33.3	4.8	35.5	21
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	1.9	9.3	85.2	3.7	3.7	54
N+1	2.9	11.8	44.1	41.2	43.4	34
N+2	20.0	0.0	70.0	10.0	49.0	10
N+3	0.0	0.0	100.0	0.0	49.0	5
N+4	0.0	0.0	100.0	0.0	49.0	5
N+5	0.0	0.0	100.0	0.0	49.0	5

TABLE 62.

SCARLET OAK

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	63.5	17.5	11.1	7.9	7.9	63
N+1	64.7	9.8	15.7	9.8	17.0	51
N+2	57.9	10.5	23.7	7.9	23.5	38
N+3	61.3	16.1	19.4	3.2	26.0	31
N+4	44.4	37.0	14.8	3.7	28.7	27
N+5	42.1	36.8	21.1	0.0	28.7	19
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	13.3	43.3	26.7	16.7	16.7	30
N+1	11.1	33.3	16.7	38.9	49.1	18
N+2	25.0	0.0	37.5	37.5	68.2	8
N+3	0.0	0.0	100.0	0.0	68.2	1
N+4	0.0	0.0	100.0	0.0	68.2	1
N+5	0.0	0.0	100.0	0.0	68.2	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	21.4	78.6	0.0	0.0	14
N+1	0.0	11.1	44.4	44.4	44.4	9
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 63.

SCARLET OAK

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	84.0	12.6	3.3	0.0	0.0	269
N+1	75.4	15.9	4.5	4.2	4.2	264
N+2	72.4	20.2	5.9	1.5	5.6	203
N+3	55.4	28.5	14.6	1.5	7.0	130
N+4	50.0	29.8	18.4	1.8	8.7	114
N+5	45.5	32.7	21.8	0.0	8.7	110
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	21.8	67.3	10.9	0.0	0.0	55
N+1	11.4	50.0	27.3	11.4	11.4	44
N+2	25.0	31.3	21.9	21.9	30.8	32
N+3	20.0	33.3	46.7	0.0	30.8	15
N+4	0.0	41.7	41.7	16.7	42.3	12
N+5	0.0	50.0	50.0	0.0	42.3	10
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	7.4	92.6	0.0	0.0	27
N+1	0.0	13.3	46.7	40.0	40.0	15
N+2	16.7	0.0	83.3	0.0	40.0	6
N+3	0.0	0.0	100.0	0.0	40.0	4
N+4	0.0	0.0	100.0	0.0	40.0	4
N+5	0.0	0.0	100.0	0.0	40.0	4

TABLE 64.

SCARLET OAK

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	58.1	28.4	13.5	0.0	0.0	74
N+1	17.9	30.4	41.1	10.7	10.7	56
N+2	24.5	26.5	42.9	6.1	16.2	49
N+3	27.3	22.7	45.5	4.5	20.0	44
N+4	42.9	28.6	28.6	0.0	20.0	14
N+5	46.2	30.8	23.1	0.0	20.0	13
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	17.4	56.5	13.0	13.0	13.0	23
N+1	0.0	64.7	23.5	11.8	23.3	17
N+2	33.3	46.7	13.3	6.7	28.4	15
N+3	33.3	33.3	0.0	33.3	52.3	3
N+4	0.0	100.0	0.0	0.0	52.3	1
N+5	0.0	0.0	0.0	0.0	52.3	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	20.0	60.0	20.0	20.0	5
N+1	0.0	25.0	50.0	25.0	40.0	4
N+2	33.3	33.3	33.3	0.0	40.0	3
N+3	0.0	0.0	0.0	0.0	40.0	0
N+4	0.0	0.0	0.0	0.0	40.0	0
N+5	0.0	0.0	0.0	0.0	40.0	0

TABLE 65.

SCARLET OAK

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	42.9	38.1	9.5	9.5	9.5	21
N+1	57.9	15.8	26.3	0.0	9.5	19
N+2	68.8	0.0	18.8	12.5	20.8	16
N+3	58.3	16.7	25.0	0.0	20.8	12
N+4	27.3	54.5	18.2	0.0	20.8	11
N+5	30.0	40.0	30.0	0.0	20.8	10
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	14.3	42.9	28.6	14.3	14.3	14
N+1	20.0	20.0	10.0	50.0	57.1	10
N+2	25.0	0.0	50.0	25.0	67.9	4
N+3	0.0	0.0	100.0	0.0	67.9	1
N+4	0.0	0.0	100.0	0.0	67.9	1
N+5	0.0	0.0	100.0	0.0	67.9	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	27.3	72.7	0.0	0.0	11
N+1	0.0	14.3	57.1	28.6	28.6	7
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 66.

SCARLET OAK

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	93.3	6.3	0.4	0.0	0.0	238
N+1	84.1	10.4	5.5	0.0	0.0	201
N+2	71.4	13.6	13.6	1.4	1.4	147
N+3	65.9	18.5	15.6	0.0	1.4	135
N+4	65.3	17.8	16.9	0.0	1.4	118
N+5	53.9	21.3	24.7	0.0	1.4	89
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	13.3	76.3	10.4	0.0	0.0	135
N+1	34.6	46.2	19.2	0.0	0.0	104
N+2	29.7	47.3	23.0	0.0	0.0	74
N+3	35.8	38.8	25.4	0.0	0.0	67
N+4	50.0	26.6	23.4	0.0	0.0	64
N+5	34.3	28.6	34.3	2.9	2.9	35
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	10.2	88.9	0.9	0.9	108
N+1	1.1	25.3	72.4	1.1	2.1	87
N+2	1.4	33.3	62.3	2.9	4.9	69
N+3	3.6	43.6	52.7	0.0	4.9	55
N+4	16.0	46.0	36.0	2.0	6.8	50
N+5	15.4	42.3	42.3	0.0	6.8	26

TABLE 67.

SCARLET OAK * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	72.0	22.3	4.0	1.7	1.7	175
N+1	74.4	17.7	5.5	2.4	4.1	164
N+2	71.8	18.5	8.1	1.6	5.7	124
N+3	53.6	26.2	19.0	1.2	6.8	84
N+4	58.5	29.2	12.3	0.0	6.8	65
N+5	50.9	26.3	22.8	0.0	6.8	57
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	6.3	79.7	12.5	1.6	1.6	64
N+1	42.9	21.4	19.6	16.1	17.4	56
N+2	64.9	10.8	13.5	10.8	26.3	37
N+3	57.7	26.9	15.4	0.0	26.3	26
N+4	78.3	13.0	8.7	0.0	26.3	23
N+5	20.0	60.0	20.0	0.0	26.3	5
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	16.7	83.3	0.0	0.0	6
N+1	0.0	0.0	25.0	75.0	75.0	4
N+2	0.0	0.0	100.0	0.0	75.0	1
N+3	0.0	0.0	100.0	0.0	75.0	1
N+4	0.0	0.0	100.0	0.0	75.0	1
N+5	0.0	0.0	100.0	0.0	75.0	1

TABLE 68.

SCARLET OAK * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	94.0	6.0	0.0	0.0	0.0	100
N+1	86.9	12.1	1.0	0.0	0.0	99
N+2	81.1	16.2	2.7	0.0	0.0	74
N+3	53.1	30.6	14.3	2.0	2.0	49
N+4	48.8	32.6	18.6	0.0	2.0	43
N+5	41.5	29.3	29.3	0.0	2.0	41
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	14.3	71.4	14.3	0.0	0.0	14
N+1	23.1	38.5	38.5	0.0	0.0	13
N+2	20.0	50.0	10.0	20.0	20.0	10
N+3	20.0	60.0	20.0	0.0	20.0	5
N+4	0.0	75.0	25.0	0.0	20.0	4
N+5	0.0	75.0	25.0	0.0	20.0	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	100.0	0.0	0.0	0.0	1
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 69.

SCARLET CAK * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	60.6	30.3	9.1	0.0	0.0	33
N+1	24.1	34.5	34.5	6.9	6.9	29
N+2	29.6	25.9	40.7	3.7	10.3	27
N+3	30.8	19.2	50.0	0.0	10.3	26
N+4	50.0	16.7	33.3	0.0	10.3	6
N+5	60.0	20.0	20.0	0.0	10.3	5
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	50.0	50.0	0.0	0.0	6
N+1	0.0	60.0	0.0	40.0	40.0	5
N+2	33.3	66.7	0.0	0.0	40.0	3
N+3	0.0	0.0	0.0	0.0	40.0	0
N+4	0.0	0.0	0.0	0.0	40.0	0
N+5	0.0	0.0	0.0	0.0	40.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 70.

SCARLET OAK * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	92.8	7.2	0.0	0.0	0.0	69
N+1	92.7	5.5	1.8	0.0	0.0	55
N+2	78.0	12.2	9.8	0.0	0.0	41
N+3	70.3	16.2	13.5	0.0	0.0	37
N+4	66.7	16.7	16.7	0.0	0.0	30
N+5	52.4	14.3	33.3	0.0	0.0	21
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	8.3	69.4	22.2	0.0	0.0	36
N+1	36.0	48.0	16.0	0.0	0.0	25
N+2	23.5	41.2	35.3	0.0	0.0	17
N+3	28.6	35.7	35.7	0.0	0.0	14
N+4	38.5	30.8	30.8	0.0	0.0	13
N+5	22.2	22.2	55.6	0.0	0.0	9
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	4.0	96.0	0.0	0.0	25
N+1	0.0	28.6	71.4	0.0	0.0	21
N+2	0.0	31.3	68.8	0.0	0.0	16
N+3	0.0	41.7	58.3	0.0	0.0	12
N+4	8.3	58.3	33.3	0.0	0.0	12
N+5	0.0	60.0	40.0	0.0	0.0	5

TABLE 71.

SCARLET OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	64.1	33.3	2.6	0.0	0.0	195
N+1	78.5	9.8	4.9	6.7	6.7	163
N+2	78.2	14.5	4.8	2.4	9.0	124
N+3	74.4	14.0	11.6	0.0	9.0	86
N+4	68.3	20.7	8.5	2.4	11.2	82
N+5	64.2	23.9	11.9	0.0	11.2	67
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	16.3	67.4	16.3	0.0	0.0	43
N+1	31.3	40.6	21.9	6.3	6.3	32
N+2	33.3	38.1	14.3	14.3	19.6	21
N+3	20.0	60.0	20.0	0.0	19.6	10
N+4	33.3	44.4	22.2	0.0	19.6	9
N+5	20.0	60.0	20.0	0.0	19.6	5
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	20.0	80.0	0.0	0.0	5
N+1	0.0	40.0	0.0	60.0	60.0	5
N+2	0.0	0.0	0.0	0.0	60.0	0
N+3	0.0	0.0	0.0	0.0	60.0	0
N+4	0.0	0.0	0.0	0.0	60.0	0
N+5	0.0	0.0	0.0	0.0	60.0	0

TABLE 72.

SCARLET OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	72.4	20.7	3.4	3.4	3.4	29
N+1	73.1	11.5	7.7	7.7	10.9	26
N+2	80.0	10.0	5.0	5.0	15.3	20
N+3	77.8	16.7	5.6	0.0	15.3	18
N+4	68.8	31.3	0.0	0.0	15.3	16
N+5	66.7	25.0	8.3	0.0	15.3	12
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	10.0	50.0	40.0	0.0	0.0	10
N+1	11.1	33.3	11.1	44.4	44.4	9
N+2	0.0	0.0	66.7	33.3	63.0	3
N+3	0.0	0.0	0.0	0.0	63.0	0
N+4	0.0	0.0	0.0	0.0	63.0	0
N+5	0.0	0.0	0.0	0.0	63.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 73.

SCARLET OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	85.5	12.9	1.6	0.0	0.0	62
N+1	80.6	14.5	4.8	0.0	0.0	62
N+2	75.0	16.1	7.1	1.8	1.8	56
N+3	64.3	19.0	16.7	0.0	1.8	42
N+4	59.0	20.5	15.4	5.1	6.8	39
N+5	59.5	24.3	16.2	0.0	6.8	37
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	23.5	70.6	5.9	0.0	0.0	17
N+1	0.0	54.5	36.4	9.1	9.1	11
N+2	22.2	33.3	22.2	22.2	29.3	9
N+3	0.0	66.7	33.3	0.0	29.3	3
N+4	0.0	66.7	33.3	0.0	29.3	3
N+5	0.0	66.7	33.3	0.0	29.3	3
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	3
N+1	0.0	0.0	0.0	100.0	100.0	3
N+2	0.0	0.0	0.0	0.0	100.0	0
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 74.

SCARLET OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	94.4	5.6	0.0	0.0	0.0	89
N+1	76.8	13.4	9.8	0.0	0.0	82
N+2	63.6	18.2	18.2	0.0	0.0	66
N+3	55.7	23.0	21.3	0.0	0.0	61
N+4	55.2	25.9	19.0	0.0	0.0	58
N+5	46.8	31.9	21.3	0.0	0.0	47
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	10.3	82.8	6.9	0.0	0.0	58
N+1	31.8	45.5	22.7	0.0	0.0	44
N+2	30.6	52.8	16.7	0.0	0.0	36
N+3	39.4	45.5	15.2	0.0	0.0	33
N+4	59.4	25.0	15.6	0.0	0.0	32
N+5	40.0	40.0	13.3	6.7	6.7	15
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	7.9	92.1	0.0	0.0	38
N+1	2.9	29.4	67.6	0.0	0.0	34
N+2	0.0	32.3	64.5	3.2	3.2	31
N+3	3.7	37.0	59.3	0.0	3.2	27
N+4	17.4	43.5	39.1	0.0	3.2	23
N+5	14.3	35.7	50.0	0.0	3.2	14

TABLE 75.

SCARLET OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	60.9	31.8	6.7	0.6	0.6	179
N+1	55.2	21.4	11.7	11.7	12.2	154
N+2	56.7	22.1	15.4	5.8	17.2	104
N+3	39.7	31.0	20.7	8.6	24.4	58
N+4	42.6	31.9	23.4	2.1	26.0	47
N+5	41.0	38.5	20.5	0.0	26.0	39
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	19.4	70.1	9.0	1.5	1.5	67
N+1	41.9	27.4	16.1	14.5	15.8	62
N+2	35.9	33.3	17.9	12.8	26.6	39
N+3	42.9	32.1	25.0	0.0	26.6	28
N+4	64.0	8.0	20.0	8.0	32.5	25
N+5	57.1	0.0	28.6	14.3	42.1	7
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	5.0	0.0	90.0	5.0	5.0	20
N+1	6.7	6.7	73.3	13.3	17.7	15
N+2	33.3	0.0	66.7	0.0	17.7	6
N+3	0.0	0.0	100.0	0.0	17.7	2
N+4	0.0	0.0	100.0	0.0	17.7	2
N+5	0.0	0.0	100.0	0.0	17.7	2

TABLE 76.

SCARLET OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	75.6	18.3	6.1	0.0	0.0	82
N+1	62.5	21.2	6.3	10.0	10.0	80
N+2	58.5	30.2	7.5	3.8	13.4	53
N+3	42.3	38.5	15.4	3.8	16.7	26
N+4	40.9	36.4	22.7	0.0	16.7	22
N+5	31.8	45.5	22.7	0.0	16.7	22
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	26.7	60.0	13.3	0.0	0.0	15
N+1	7.1	50.0	14.3	28.6	28.6	14
N+2	37.5	12.5	25.0	25.0	46.4	8
N+3	20.0	0.0	80.0	0.0	46.4	5
N+4	0.0	0.0	50.0	50.0	73.2	4
N+5	0.0	0.0	100.0	0.0	73.2	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	10
N+1	0.0	14.3	71.4	14.3	14.3	7
N+2	25.0	0.0	75.0	0.0	14.3	4
N+3	0.0	0.0	100.0	0.0	14.3	2
N+4	0.0	0.0	100.0	0.0	14.3	2
N+5	0.0	0.0	100.0	0.0	14.3	2

TABLE 77.

SCARLET CAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	46.4	35.7	17.9	0.0	0.0	28
N+1	4.5	22.7	59.1	13.6	13.6	22
N+2	11.1	22.2	55.6	11.1	23.2	18
N+3	14.3	28.6	42.9	14.3	34.2	14
N+4	50.0	25.0	25.0	0.0	34.2	4
N+5	50.0	25.0	25.0	0.0	34.2	4
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	33.3	55.6	0.0	11.1	11.1	9
N+1	0.0	75.0	25.0	0.0	11.1	8
N+2	25.0	37.5	25.0	12.5	22.2	8
N+3	0.0	50.0	0.0	50.0	61.1	2
N+4	0.0	100.0	0.0	0.0	61.1	1
N+5	0.0	0.0	0.0	0.0	61.1	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	66.7	33.3	33.3	3
N+1	0.0	0.0	50.0	50.0	66.7	2
N+2	0.0	0.0	100.0	0.0	66.7	1
N+3	0.0	0.0	0.0	0.0	66.7	0
N+4	0.0	0.0	0.0	0.0	66.7	0
N+5	0.0	0.0	0.0	0.0	66.7	0

TABLE 78.

SCARLET OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	92.6	5.6	1.9	0.0	0.0	54
N+1	84.1	13.6	2.3	0.0	0.0	44
N+2	78.8	9.1	9.1	3.0	3.0	33
N+3	80.6	9.7	9.7	0.0	3.0	31
N+4	84.6	0.0	15.4	0.0	3.0	26
N+5	73.7	0.0	26.3	0.0	3.0	19
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	12.0	80.0	8.0	0.0	0.0	25
N+1	36.4	40.9	22.7	0.0	0.0	22
N+2	38.9	33.3	27.8	0.0	0.0	18
N+3	41.2	17.6	41.2	0.0	0.0	17
N+4	50.0	12.5	37.5	0.0	0.0	16
N+5	36.4	18.2	45.5	0.0	0.0	11
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	8.3	87.5	4.2	4.2	24
N+1	0.0	14.3	85.7	0.0	4.2	14
N+2	8.3	33.3	50.0	8.3	12.2	12
N+3	14.3	57.1	28.6	0.0	12.2	7
N+4	28.6	42.9	28.6	0.0	12.2	7
N+5	50.0	25.0	25.0	0.0	12.2	4

TABLE 79.

SCARLET OAK * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	72.3	23.4	2.1	2.1	2.1	47
N+1	44.7	18.4	10.5	26.3	27.9	38
N+2	58.8	5.9	23.5	11.8	36.4	17
N+3	55.6	22.2	22.2	0.0	36.4	9
N+4	50.0	25.0	25.0	0.0	36.4	8
N+5	50.0	50.0	0.0	0.0	36.4	6
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	5.6	55.6	38.9	0.0	0.0	18
N+1	36.4	27.3	27.3	9.1	9.1	11
N+2	0.0	20.0	60.0	20.0	27.3	5
N+3	0.0	33.3	66.7	0.0	27.3	3
N+4	0.0	0.0	100.0	0.0	27.3	2
N+5	0.0	50.0	50.0	0.0	27.3	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	25.0	75.0	0.0	0.0	8
N+1	0.0	0.0	66.7	33.3	33.3	3
N+2	0.0	0.0	50.0	50.0	66.7	2
N+3	0.0	0.0	100.0	0.0	66.7	1
N+4	0.0	0.0	100.0	0.0	66.7	1
N+5	0.0	0.0	100.0	0.0	66.7	1

TABLE 80.

SCARLET OAK * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	51.3	28.2	15.4	5.1	5.1	39
N+1	34.4	15.6	28.1	21.9	25.9	32
N+2	47.6	19.0	9.5	23.8	43.5	21
N+3	46.2	38.5	15.4	0.0	43.5	13
N+4	37.5	37.5	25.0	0.0	43.5	8
N+5	50.0	25.0	25.0	0.0	43.5	8
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	22.6	48.4	25.8	3.2	3.2	31
N+1	37.5	12.5	20.8	29.2	31.5	24
N+2	12.5	0.0	50.0	37.5	57.2	8
N+3	25.0	0.0	25.0	50.0	78.6	4
N+4	0.0	0.0	100.0	0.0	78.6	1
N+5	0.0	0.0	100.0	0.0	78.6	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	9.1	90.9	0.0	0.0	11
N+1	0.0	16.7	16.7	66.7	66.7	6
N+2	0.0	0.0	100.0	0.0	66.7	1
N+3	0.0	0.0	100.0	0.0	66.7	1
N+4	0.0	0.0	100.0	0.0	66.7	1
N+5	0.0	0.0	100.0	0.0	66.7	1

TABLE 81.

WHITE OAK

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	61.3	25.4	13.2	0.1	0.1	1364
N+1	60.8	20.5	10.8	7.9	8.1	982
N+2	60.4	21.8	12.5	5.2	12.9	710
N+3	53.9	23.5	20.2	2.4	15.0	456
N+4	52.9	24.9	20.8	1.4	16.1	361
N+5	59.1	19.4	20.2	1.2	17.2	242
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	17.8	42.9	38.0	1.3	1.3	595
N+1	22.0	24.6	36.8	16.6	17.7	427
N+2	28.2	23.3	38.0	10.6	26.5	245
N+3	31.5	18.5	45.2	4.8	30.0	146
N+4	24.7	18.6	54.6	2.1	31.4	97
N+5	13.2	25.0	60.3	1.5	32.5	68
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	1.3	6.3	89.1	3.3	3.3	479
N+1	1.6	4.6	63.4	30.4	32.7	306
N+2	4.1	5.5	74.5	15.9	43.4	145
N+3	3.6	7.1	83.3	6.0	46.8	84
N+4	3.4	8.6	81.0	6.9	50.4	58
N+5	6.8	9.1	84.1	0.0	50.4	44

TABLE 82.

WHITE OAK

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	49.0	24.7	22.4	3.8	3.8	263
N+1	46.5	21.0	19.1	13.4	16.7	157
N+2	50.5	12.1	30.3	7.1	22.6	99
N+3	37.9	22.4	37.9	1.7	23.9	58
N+4	26.7	23.3	50.0	0.0	23.9	30
N+5	35.7	35.7	21.4	7.1	29.3	14
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	18.8	25.0	53.1	3.1	3.1	96
N+1	11.8	21.6	33.3	33.3	35.4	51
N+2	11.5	19.2	50.0	19.2	47.8	26
N+3	18.2	18.2	45.5	18.2	57.3	11
N+4	50.0	25.0	0.0	25.0	68.0	4
N+5	0.0	100.0	0.0	0.0	68.0	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	4.2	11.3	71.8	12.7	12.7	71
N+1	4.8	2.4	45.2	47.6	54.3	42
N+2	10.0	0.0	70.0	20.0	63.4	10
N+3	14.3	14.3	71.4	0.0	63.4	7
N+4	0.0	0.0	100.0	0.0	63.4	3
N+5	0.0	0.0	100.0	0.0	63.4	2

TABLE 83.

WHITE OAK

DEFOLIATION HISTORY--HHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	20.4	16.3	44.9	18.4	18.4	49
N+1	5.9	11.8	35.3	47.1	56.8	17
N+2	0.0	0.0	75.0	25.0	67.6	4
N+3	0.0	0.0	0.0	0.0	67.6	0
N+4	0.0	0.0	0.0	0.0	67.6	0
N+5	0.0	0.0	0.0	0.0	67.6	0
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	9.1	18.2	54.5	18.2	18.2	22
N+1	0.0	10.0	40.0	50.0	59.1	10
N+2	0.0	0.0	100.0	0.0	59.1	4
N+3	0.0	0.0	100.0	0.0	59.1	2
N+4	0.0	0.0	0.0	100.0	100.0	1
N+5	0.0	0.0	0.0	0.0	100.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	90.0	10.0	10.0	10
N+1	0.0	25.0	50.0	25.0	32.5	4
N+2	0.0	0.0	100.0	0.0	32.5	2
N+3	0.0	0.0	100.0	0.0	32.5	1
N+4	0.0	0.0	100.0	0.0	32.5	1
N+5	0.0	0.0	0.0	0.0	32.5	0

TABLE 84.

WHITE OAK

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	70.5	21.2	7.9	0.4	0.4	458
N+1	67.2	20.4	10.2	2.3	2.7	393
N+2	65.1	19.6	12.2	3.2	5.8	312
N+3	62.3	22.6	13.2	1.9	7.6	212
N+4	65.4	19.2	15.4	0.0	7.6	182
N+5	63.2	19.5	17.3	0.0	7.6	133
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	14.6	45.8	38.3	1.2	1.2	253
N+1	21.1	24.6	46.2	8.0	9.1	199
N+2	22.8	24.8	43.0	9.4	17.7	149
N+3	29.9	24.1	44.8	1.1	18.6	87
N+4	26.1	20.3	53.6	0.0	18.6	69
N+5	14.3	28.6	57.1	0.0	18.6	49
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	3.1	95.2	1.8	1.8	228
N+1	2.3	2.9	76.6	18.1	19.6	171
N+2	2.8	3.7	80.6	13.0	30.0	108
N+3	3.2	4.8	88.7	3.2	32.3	62
N+4	2.1	8.3	81.3	8.3	37.9	48
N+5	5.3	10.5	84.2	0.0	37.9	38

TABLE 85.

WHITE OAK

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	53.8	22.2	18.8	5.1	5.1	117
N+1	42.9	22.9	21.4	12.9	17.3	70
N+2	57.1	18.4	12.2	12.2	27.4	49
N+3	60.0	15.0	15.0	10.0	34.7	20
N+4	100.0	0.0	0.0	0.0	34.7	2
N+5	100.0	0.0	0.0	0.0	34.7	1
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	4.3	43.5	47.8	4.3	4.3	69
N+1	0.0	36.7	51.0	12.2	16.1	49
N+2	6.5	29.0	54.8	9.7	24.2	31
N+3	40.0	26.7	33.3	0.0	24.2	15
N+4	0.0	40.0	60.0	0.0	24.2	5
N+5	0.0	25.0	75.0	0.0	24.2	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	4.2	95.8	0.0	0.0	24
N+1	0.0	0.0	72.7	27.3	27.3	11
N+2	0.0	0.0	100.0	0.0	27.3	8
N+3	0.0	0.0	100.0	0.0	27.3	6
N+4	0.0	0.0	100.0	0.0	27.3	2
N+5	0.0	0.0	100.0	0.0	27.3	2

TABLE 86.

WHITE OAK

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	44.9	29.2	21.3	4.5	4.5	89
N+1	38.8	23.9	25.4	11.9	15.9	67
N+2	52.3	15.9	31.8	0.0	15.9	44
N+3	52.6	21.1	21.1	5.3	20.3	19
N+4	33.3	33.3	33.3	0.0	20.3	9
N+5	20.0	60.0	20.0	0.0	20.3	5
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	7.9	36.5	47.6	7.9	7.9	63
N+1	12.5	18.8	46.9	21.9	28.1	32
N+2	17.6	17.6	41.2	23.5	45.0	17
N+3	33.3	16.7	50.0	0.0	45.0	6
N+4	66.7	0.0	33.3	0.0	45.0	3
N+5	0.0	0.0	0.0	0.0	45.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	12.2	82.9	4.9	4.9	41
N+1	0.0	3.2	61.3	35.5	38.6	31
N+2	14.3	0.0	71.4	14.3	47.4	7
N+3	25.0	0.0	75.0	0.0	47.4	4
N+4	0.0	0.0	100.0	0.0	47.4	3
N+5	0.0	0.0	100.0	0.0	47.4	1

TABLE 87.

WHITE OAK

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	93.1	6.2	0.7	0.0	0.0	403
N+1	92.3	6.2	1.5	0.0	0.0	325
N+2	90.4	8.4	1.2	0.0	0.0	250
N+3	90.5	7.6	1.9	0.0	0.0	210
N+4	90.8	6.4	2.8	0.0	0.0	141
N+5	89.5	7.0	3.5	0.0	0.0	114
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	24.0	61.7	13.1	1.1	1.1	183
N+1	34.7	48.6	15.3	1.4	2.5	144
N+2	34.8	47.3	17.0	0.9	3.3	112
N+3	39.8	38.8	20.4	1.0	4.3	98
N+4	39.3	40.5	19.0	1.2	5.5	84
N+5	37.7	37.7	24.6	0.0	5.5	61
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	2.3	9.1	86.0	2.7	2.7	264
N+1	4.6	19.4	69.4	6.5	9.0	216
N+2	6.1	23.2	68.3	2.4	11.2	164
N+3	13.9	21.5	64.6	0.0	11.2	144
N+4	23.3	19.8	55.2	1.7	12.7	116
N+5	22.1	20.8	55.8	1.3	13.8	77

TABLE 88.

WHITE OAK * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	57.8	15.5	26.7	0.0	0.0	161
N+1	74.7	11.0	6.6	7.7	7.7	91
N+2	76.1	19.7	4.2	0.0	7.7	71
N+3	66.7	24.1	9.3	0.0	7.7	54
N+4	55.8	27.9	16.3	0.0	7.7	43
N+5	79.4	11.8	8.8	0.0	7.7	34
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	8.9	60.0	28.9	2.2	2.2	45
N+1	29.0	29.0	32.3	9.7	11.7	31
N+2	25.0	31.3	37.5	6.3	17.2	16
N+3	38.5	30.8	30.8	0.0	17.2	13
N+4	44.4	22.2	33.3	0.0	17.2	9
N+5	20.0	40.0	40.0	0.0	17.2	5
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	3.1	87.5	9.4	9.4	32
N+1	0.0	7.1	71.4	21.4	28.8	14
N+2	0.0	0.0	80.0	20.0	43.0	5
N+3	0.0	0.0	100.0	0.0	43.0	2
N+4	0.0	0.0	100.0	0.0	43.0	1
N+5	0.0	0.0	100.0	0.0	43.0	1

TABLE 89.

WHITE OAK * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	25.0	29.2	37.5	8.3	8.3	24
N+1	53.8	7.7	23.1	15.4	22.4	13
N+2	66.7	22.2	11.1	0.0	22.4	9
N+3	25.0	25.0	50.0	0.0	22.4	4
N+4	0.0	50.0	50.0	0.0	22.4	4
N+5	66.7	0.0	33.3	0.0	22.4	3
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	25.0	50.0	25.0	25.0	4
N+1	0.0	0.0	0.0	0.0	25.0	0
N+2	0.0	0.0	0.0	0.0	25.0	0
N+3	0.0	0.0	0.0	0.0	25.0	0
N+4	0.0	0.0	0.0	0.0	25.0	0
N+5	0.0	0.0	0.0	0.0	25.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	5
N+1	0.0	0.0	0.0	100.0	100.0	1
N+2	0.0	0.0	0.0	0.0	100.0	0
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 90.

WHITE OAK * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	84.6	9.2	4.6	1.5	1.5	65
N+1	83.0	7.5	5.7	3.8	5.3	53
N+2	78.9	15.8	5.3	0.0	5.3	38
N+3	73.3	20.0	6.7	0.0	5.3	30
N+4	73.1	19.2	7.7	0.0	5.3	26
N+5	81.0	14.3	4.8	0.0	5.3	21
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	21.4	64.3	14.3	0.0	0.0	14
N+1	33.3	41.7	25.0	0.0	0.0	12
N+2	40.0	30.0	30.0	0.0	0.0	10
N+3	55.6	22.2	22.2	0.0	0.0	9
N+4	57.1	14.3	28.6	0.0	0.0	7
N+5	25.0	50.0	25.0	0.0	0.0	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	10.0	90.0	0.0	0.0	10
N+1	0.0	16.7	83.3	0.0	0.0	6
N+2	0.0	0.0	75.0	25.0	25.0	4
N+3	0.0	0.0	100.0	0.0	25.0	1
N+4	0.0	0.0	100.0	0.0	25.0	1
N+5	0.0	0.0	100.0	0.0	25.0	1

TABLE 91.

WHITE OAK * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	95.9	4.1	0.0	0.0	0.0	73
N+1	94.8	5.2	0.0	0.0	0.0	58
N+2	95.6	4.4	0.0	0.0	0.0	45
N+3	100.0	0.0	0.0	0.0	0.0	36
N+4	100.0	0.0	0.0	0.0	0.0	29
N+5	100.0	0.0	0.0	0.0	0.0	22
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	53.3	33.3	13.3	0.0	0.0	15
N+1	60.0	20.0	20.0	0.0	0.0	10
N+2	66.7	16.7	16.7	0.0	0.0	6
N+3	66.7	16.7	16.7	0.0	0.0	6
N+4	66.7	16.7	16.7	0.0	0.0	6
N+5	66.7	0.0	33.3	0.0	0.0	3
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	27.3	72.7	0.0	0.0	11
N+1	12.5	50.0	37.5	0.0	0.0	8
N+2	37.5	25.0	37.5	0.0	0.0	8
N+3	62.5	12.5	25.0	0.0	0.0	8
N+4	71.4	14.3	14.3	0.0	0.0	7
N+5	80.0	0.0	20.0	0.0	0.0	5

TABLE 92.

WHITE OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	65.0	23.0	12.0	0.0	0.0	400
N+1	70.1	17.0	10.7	2.2	2.2	224
N+2	79.0	12.7	7.6	0.6	2.9	157
N+3	70.8	17.9	11.3	0.0	2.9	106
N+4	72.7	16.9	10.4	0.0	2.9	77
N+5	70.7	17.1	12.2	0.0	2.9	41
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	14.9	47.5	37.6	0.0	0.0	101
N+1	22.6	33.9	38.7	4.8	4.8	62
N+2	33.3	16.7	41.7	8.3	12.8	36
N+3	47.6	14.3	38.1	0.0	12.8	21
N+4	20.0	20.0	60.0	0.0	12.8	10
N+5	0.0	25.0	75.0	0.0	12.8	8
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	6.2	92.3	1.5	1.5	65
N+1	0.0	3.1	90.6	6.3	7.7	32
N+2	5.3	0.0	89.5	5.3	12.6	19
N+3	7.1	14.3	78.6	0.0	12.6	14
N+4	0.0	11.1	88.9	0.0	12.6	9
N+5	12.5	0.0	87.5	0.0	12.6	8

TABLE 93.

WHITE OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	56.6	23.0	18.9	1.6	1.6	122
N+1	59.7	19.4	16.4	4.5	6.0	67
N+2	68.4	10.5	18.4	2.6	8.5	38
N+3	53.6	25.0	21.4	0.0	8.5	28
N+4	60.0	10.0	30.0	0.0	8.5	10
N+5	33.3	66.7	0.0	0.0	8.5	3
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	5.6	38.9	55.6	0.0	0.0	18
N+1	33.3	16.7	50.0	0.0	0.0	6
N+2	50.0	0.0	50.0	0.0	0.0	4
N+3	66.7	0.0	33.3	0.0	0.0	3
N+4	100.0	0.0	0.0	0.0	0.0	2
N+5	0.0	0.0	0.0	0.0	0.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	16.7	83.3	0.0	0.0	6
N+1	0.0	33.3	66.7	0.0	0.0	3
N+2	33.3	0.0	66.7	0.0	0.0	3
N+3	50.0	0.0	50.0	0.0	0.0	2
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	100.0	0.0	0.0	1

TABLE 94.

WHITE OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--HHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	29.6	22.2	29.6	18.5	18.5	27
N+1	20.0	0.0	60.0	20.0	34.8	5
N+2	0.0	0.0	0.0	0.0	34.8	C
N+3	0.0	0.0	0.0	0.0	34.8	C
N+4	0.0	0.0	0.0	0.0	34.8	C
N+5	0.0	0.0	0.0	0.0	34.8	C
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	16.7	50.0	33.3	33.3	6
N+1	0.0	0.0	100.0	0.0	33.3	1
N+2	0.0	0.0	100.0	0.0	33.3	1
N+3	0.0	0.0	0.0	0.0	33.3	C
N+4	0.0	0.0	0.0	0.0	33.3	C
N+5	0.0	0.0	0.0	0.0	33.3	C
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	100.0	100.0	1
N+1	0.0	0.0	0.0	0.0	100.0	C
N+2	0.0	0.0	0.0	0.0	100.0	C
N+3	0.0	0.0	0.0	0.0	100.0	C
N+4	0.0	0.0	0.0	0.0	100.0	C
N+5	0.0	0.0	0.0	0.0	100.0	C

TABLE 95.

WHITE OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	71.6	22.4	5.2	0.9	0.9	116
N+1	81.6	11.5	6.9	0.0	0.9	87
N+2	80.9	10.3	8.8	0.0	0.9	68
N+3	75.0	15.4	9.6	0.0	0.9	52
N+4	81.6	10.2	8.2	0.0	0.9	49
N+5	73.7	10.5	15.8	0.0	0.9	19
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	19.5	36.6	39.0	4.9	4.9	41
N+1	20.7	20.7	58.6	0.0	4.9	29
N+2	18.2	22.7	54.5	4.5	9.2	22
N+3	25.0	16.7	58.3	0.0	9.2	12
N+4	0.0	25.0	75.0	0.0	9.2	8
N+5	0.0	25.0	75.0	0.0	9.2	8
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	27
N+1	0.0	0.0	94.4	5.6	5.6	18
N+2	0.0	0.0	100.0	0.0	5.6	11
N+3	0.0	14.3	85.7	0.0	5.6	7
N+4	0.0	16.7	83.3	0.0	5.6	6
N+5	16.7	0.0	83.3	0.0	5.6	6

TABLE 96.

WHITE OAK * COMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	64.5	19.4	12.9	3.2	3.2	31
N+1	66.7	22.2	11.1	0.0	3.2	18
N+2	83.3	16.7	0.0	0.0	3.2	12
N+3	80.0	20.0	0.0	0.0	3.2	5
N+4	0.0	0.0	0.0	0.0	3.2	0
N+5	0.0	0.0	0.0	0.0	3.2	0
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	9.1	54.5	36.4	0.0	0.0	11
N+1	0.0	44.4	55.6	0.0	0.0	9
N+2	20.0	20.0	40.0	20.0	20.0	5
N+3	50.0	50.0	0.0	0.0	20.0	2
N+4	0.0	0.0	0.0	0.0	20.0	0
N+5	0.0	0.0	0.0	0.0	20.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	6
N+1	0.0	0.0	100.0	0.0	0.0	3
N+2	0.0	0.0	100.0	0.0	0.0	3
N+3	0.0	0.0	100.0	0.0	0.0	2
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	100.0	0.0	0.0	1

TABLE 97.

WHITE OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	44.4	36.1	16.7	2.8	2.8	36
N+1	46.2	26.9	26.9	0.0	2.8	26
N+2	55.0	5.0	40.0	0.0	2.8	20
N+3	66.7	16.7	16.7	0.0	2.8	12
N+4	60.0	20.0	20.0	0.0	2.8	5
N+5	100.0	0.0	0.0	0.0	2.8	1
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	40.0	60.0	0.0	0.0	15
N+1	50.0	0.0	50.0	0.0	0.0	4
N+2	66.7	0.0	33.3	0.0	0.0	3
N+3	66.7	0.0	33.3	0.0	0.0	3
N+4	100.0	0.0	0.0	0.0	0.0	2
N+5	0.0	0.0	0.0	0.0	0.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	33.3	66.7	0.0	0.0	3
N+1	0.0	33.3	66.7	0.0	0.0	3
N+2	33.3	0.0	66.7	0.0	0.0	3
N+3	50.0	0.0	50.0	0.0	0.0	2
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	100.0	0.0	0.0	1

TABLE 98.

WHITE OAK * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	94.3	4.3	1.4	0.0	0.0	70
N+1	96.6	1.7	1.7	0.0	0.0	58
N+2	95.5	2.3	2.3	0.0	0.0	44
N+3	97.0	3.0	0.0	0.0	0.0	33
N+4	96.0	4.0	0.0	0.0	0.0	25
N+5	100.0	0.0	0.0	0.0	0.0	19
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	22.2	55.6	16.7	5.6	5.6	18
N+1	61.5	23.1	15.4	0.0	5.6	13
N+2	90.0	0.0	10.0	0.0	5.6	10
N+3	100.0	0.0	0.0	0.0	5.6	9
N+4	100.0	0.0	0.0	0.0	5.6	6
N+5	100.0	0.0	0.0	0.0	5.6	4
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	3.6	14.3	82.1	0.0	0.0	28
N+1	10.0	25.0	60.0	5.0	5.0	20
N+2	12.5	31.3	56.3	0.0	5.0	16
N+3	33.3	26.7	40.0	0.0	5.0	15
N+4	53.3	13.3	33.3	0.0	5.0	15
N+5	40.0	30.0	30.0	0.0	5.0	10

TABLE 99.

WHITE OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	67.2	22.4	9.9	0.5	0.5	415
N+1	64.5	15.9	10.4	9.2	9.7	346
N+2	59.9	17.9	13.2	8.9	17.8	257
N+3	54.4	19.4	23.3	2.8	20.1	180
N+4	57.2	20.7	21.4	0.7	20.6	145
N+5	61.6	18.2	18.2	2.0	22.2	99
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	20.1	50.0	27.3	2.6	2.6	154
N+1	29.8	19.0	27.3	24.0	25.9	121
N+2	36.1	23.0	32.8	8.2	32.0	61
N+3	43.9	14.6	36.6	4.9	35.3	41
N+4	37.9	13.8	48.3	0.0	35.3	29
N+5	29.4	11.8	58.8	0.0	35.3	17
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	7.4	83.0	9.6	9.6	94
N+1	1.8	3.5	61.4	33.3	39.7	57
N+2	3.8	3.8	65.4	26.9	55.9	26
N+3	6.7	6.7	80.0	6.7	58.9	15
N+4	0.0	0.0	88.9	11.1	63.5	9
N+5	0.0	14.3	85.7	0.0	63.5	7

TABLE 100.

WHITE OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	47.3	23.6	23.6	5.5	5.5	55
N+1	35.1	21.6	13.5	29.7	33.6	37
N+2	20.8	8.3	58.3	12.5	41.9	24
N+3	20.0	13.3	60.0	6.7	45.7	15
N+4	22.2	11.1	66.7	0.0	45.7	9
N+5	0.0	50.0	25.0	25.0	59.3	4
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	30.0	5.0	60.0	5.0	5.0	20
N+1	27.3	9.1	36.4	27.3	30.9	11
N+2	14.3	14.3	28.6	42.9	60.5	7
N+3	0.0	0.0	100.0	0.0	60.5	1
N+4	0.0	0.0	0.0	0.0	60.5	0
N+5	0.0	0.0	0.0	0.0	60.5	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	11.1	61.1	27.8	27.8	18
N+1	0.0	0.0	55.6	44.4	59.9	9
N+2	0.0	0.0	100.0	0.0	59.9	1
N+3	0.0	0.0	100.0	0.0	59.9	1
N+4	0.0	0.0	100.0	0.0	59.9	1
N+5	0.0	0.0	0.0	0.0	59.9	0

TABLE 101.

WHITE OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	74.5	17.2	8.3	0.0	0.0	145
N+1	72.1	13.2	10.3	4.4	4.4	136
N+2	71.2	12.5	8.7	7.7	11.8	104
N+3	69.0	18.3	11.3	1.4	13.0	71
N+4	71.4	15.9	12.7	0.0	13.0	63
N+5	70.2	15.8	14.0	0.0	13.0	57
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	17.2	58.6	24.1	0.0	0.0	58
N+1	28.8	21.2	36.5	13.5	13.5	52
N+2	32.4	23.5	35.3	8.8	21.1	34
N+3	47.8	17.4	30.4	4.3	24.5	23
N+4	50.0	11.1	38.9	0.0	24.5	18
N+5	36.4	18.2	45.5	0.0	24.5	11
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	2.1	97.9	0.0	0.0	47
N+1	2.9	2.9	70.6	23.5	23.5	34
N+2	5.0	5.0	60.0	30.0	46.5	20
N+3	9.1	9.1	81.8	0.0	46.5	11
N+4	0.0	0.0	87.5	12.5	53.2	8
N+5	0.0	14.3	85.7	0.0	53.2	7

TABLE 102.

WHITE OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	60.5	18.6	11.6	9.3	9.3	43
N+1	46.4	17.9	17.9	17.9	25.5	28
N+2	59.1	22.7	9.1	9.1	32.3	22
N+3	66.7	11.1	22.2	0.0	32.3	9
N+4	100.0	0.0	0.0	0.0	32.3	1
N+5	0.0	0.0	0.0	0.0	32.3	0
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	55.0	40.0	5.0	5.0	20
N+1	0.0	43.8	43.8	12.5	16.9	16
N+2	8.3	33.3	50.0	8.3	23.8	12
N+3	50.0	0.0	50.0	0.0	23.8	6
N+4	0.0	0.0	100.0	0.0	23.8	1
N+5	0.0	0.0	100.0	0.0	23.8	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	4
N+1	0.0	0.0	50.0	50.0	50.0	2
N+2	0.0	0.0	100.0	0.0	50.0	1
N+3	0.0	0.0	0.0	0.0	50.0	0
N+4	0.0	0.0	0.0	0.0	50.0	0
N+5	0.0	0.0	0.0	0.0	50.0	0

TABLE 103.

WHITE OAK * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	91.6	8.4	0.0	0.0	0.0	155
N+1	88.6	10.6	0.8	0.0	0.0	123
N+2	85.9	12.0	2.2	0.0	0.0	92
N+3	86.4	9.9	3.7	0.0	0.0	81
N+4	83.3	8.3	8.3	0.0	0.0	48
N+5	81.6	7.9	10.5	0.0	0.0	38
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	24.5	63.3	12.2	0.0	0.0	49
N+1	31.7	41.5	24.4	2.4	2.4	41
N+2	24.2	54.5	21.2	0.0	2.4	33
N+3	28.0	44.0	28.0	0.0	2.4	25
N+4	22.7	45.5	31.8	0.0	2.4	22
N+5	21.1	47.4	31.6	0.0	2.4	19
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	1.5	10.3	83.8	4.4	4.4	68
N+1	5.6	22.2	63.0	9.3	13.3	54
N+2	5.3	21.1	68.4	5.3	17.8	38
N+3	11.8	23.5	64.7	0.0	17.8	34
N+4	20.0	28.0	52.0	0.0	17.8	25
N+5	23.1	15.4	53.8	7.7	24.1	13

TABLE 104.

WHITE OAK * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	56.3	35.9	7.8	0.0	0.0	128
N+1	57.3	22.9	10.4	9.4	9.4	96
N+2	55.2	25.4	13.4	6.0	14.8	67
N+3	44.2	34.9	18.6	2.3	16.8	43
N+4	35.3	38.2	23.5	2.9	19.2	34
N+5	52.0	28.0	20.0	0.0	19.2	25
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	16.9	32.2	49.2	1.7	1.7	59
N+1	22.0	19.5	46.3	12.2	13.7	41
N+2	31.0	24.1	27.6	17.2	28.6	29
N+3	41.7	41.7	16.7	0.0	28.6	12
N+4	22.2	33.3	33.3	11.1	36.5	9
N+5	28.6	42.9	28.6	0.0	36.5	7
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	4.7	0.0	93.0	2.3	2.3	43
N+1	0.0	8.3	50.0	41.7	43.0	24
N+2	0.0	0.0	80.0	20.0	54.4	10
N+3	0.0	0.0	100.0	0.0	54.4	5
N+4	100.0	0.0	0.0	0.0	54.4	1
N+5	100.0	0.0	0.0	0.0	54.4	1

TABLE 105.

WHITE OAK * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	45.2	25.8	22.6	6.5	6.5	31
N+1	38.1	23.8	23.8	14.3	19.8	21
N+2	53.3	6.7	26.7	13.3	30.5	15
N+3	50.0	16.7	33.3	0.0	30.5	6
N+4	0.0	33.3	66.7	0.0	30.5	3
N+5	100.0	0.0	0.0	0.0	30.5	1
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	16.7	16.7	50.0	16.7	16.7	6
N+1	0.0	33.3	33.3	33.3	44.4	3
N+2	0.0	0.0	100.0	0.0	44.4	2
N+3	0.0	0.0	100.0	0.0	44.4	1
N+4	0.0	0.0	0.0	0.0	44.4	0
N+5	0.0	0.0	0.0	0.0	44.4	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	22.2	55.6	22.2	22.2	9
N+1	0.0	0.0	40.0	60.0	68.9	5
N+2	0.0	0.0	100.0	0.0	68.9	1
N+3	0.0	0.0	100.0	0.0	68.9	1
N+4	0.0	0.0	0.0	0.0	68.9	0
N+5	0.0	0.0	0.0	0.0	68.9	0

TABLE 106.

WHITE OAK * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	66.7	30.8	2.6	0.0	0.0	39
N+1	63.9	27.8	8.3	0.0	0.0	36
N+2	58.1	29.0	9.7	3.2	3.2	31
N+3	37.5	37.5	20.8	4.2	7.3	24
N+4	35.3	35.3	29.4	0.0	7.3	17
N+5	42.9	35.7	21.4	0.0	7.3	14
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	18.9	35.1	45.9	0.0	0.0	37
N+1	15.4	23.1	57.7	3.8	3.8	26
N+2	19.0	28.6	38.1	14.3	17.6	21
N+3	28.6	57.1	14.3	0.0	17.6	7
N+4	33.3	33.3	33.3	0.0	17.6	6
N+5	20.0	40.0	40.0	0.0	17.6	5
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	92.3	7.7	7.7	26
N+1	0.0	0.0	68.8	31.3	36.5	16
N+2	0.0	0.0	87.5	12.5	44.5	8
N+3	0.0	0.0	100.0	0.0	44.5	4
N+4	50.0	0.0	50.0	0.0	44.5	2
N+5	100.0	0.0	0.0	0.0	44.5	1

TABLE 107.

WHITE OAK * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	97.8	2.2	0.0	0.0	0.0	45
N+1	97.3	2.7	0.0	0.0	0.0	37
N+2	96.3	3.7	0.0	0.0	0.0	27
N+3	92.0	8.0	0.0	0.0	0.0	25
N+4	89.5	10.5	0.0	0.0	0.0	19
N+5	87.5	12.5	0.0	0.0	0.0	16
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	28.0	68.0	4.0	0.0	0.0	25
N+1	50.0	45.0	5.0	0.0	0.0	20
N+2	61.5	30.8	7.7	0.0	0.0	13
N+3	75.0	16.7	0.0	8.3	8.3	12
N+4	75.0	25.0	0.0	0.0	8.3	8
N+5	100.0	0.0	0.0	0.0	8.3	5
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	6.3	6.3	81.3	6.3	6.3	16
N+1	11.1	33.3	55.6	0.0	6.3	9
N+2	12.5	37.5	50.0	0.0	6.3	8
N+3	14.3	42.9	42.9	0.0	6.3	7
N+4	33.3	33.3	33.3	0.0	6.3	6
N+5	40.0	40.0	20.0	0.0	6.3	5

TABLE 108.

WHITE OAK * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	50.2	34.5	15.3	0.0	0.0	235
N+1	40.8	33.5	14.6	11.2	11.2	206
N+2	36.3	37.0	21.2	5.5	16.0	146
N+3	27.3	30.3	34.8	7.6	22.4	66
N+4	25.5	32.7	36.4	5.5	26.6	55
N+5	30.8	23.1	43.6	2.6	28.5	39
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	20.7	35.1	43.3	1.0	1.0	208
N+1	15.6	26.6	40.3	17.5	18.3	154
N+2	23.4	21.3	42.6	12.8	28.8	94
N+3	14.3	12.5	64.3	8.9	35.1	56
N+4	13.2	15.8	68.4	2.6	36.8	38
N+5	3.4	24.1	69.0	3.4	39.0	29
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	1.7	7.3	90.2	0.9	0.9	234
N+1	2.3	4.7	59.9	33.1	33.7	172
N+2	4.9	8.6	71.6	14.8	43.5	81
N+3	2.2	4.4	84.4	8.9	48.6	45
N+4	2.9	8.6	80.0	8.6	53.0	35
N+5	4.0	12.0	84.0	0.0	53.0	25

TABLE 109.

WHITE OAK * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	52.0	24.0	20.0	4.0	4.0	25
N+1	31.3	25.0	31.3	12.5	16.0	16
N+2	45.5	18.2	27.3	9.1	23.6	11
N+3	0.0	25.0	75.0	0.0	23.6	4
N+4	0.0	33.3	66.7	0.0	23.6	3
N+5	50.0	0.0	50.0	0.0	23.6	2
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	24.4	26.8	48.8	0.0	0.0	41
N+1	3.8	30.8	23.1	42.3	42.3	26
N+2	0.0	20.0	60.0	20.0	53.8	10
N+3	0.0	33.3	33.3	33.3	69.2	6
N+4	0.0	50.0	0.0	50.0	84.6	2
N+5	0.0	100.0	0.0	0.0	84.6	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	9.7	9.7	74.2	6.5	6.5	31
N+1	8.7	0.0	39.1	52.2	55.3	23
N+2	0.0	0.0	60.0	40.0	73.2	5
N+3	0.0	33.3	66.7	0.0	73.2	3
N+4	0.0	0.0	100.0	0.0	73.2	1
N+5	0.0	0.0	100.0	0.0	73.2	1

TABLE 110.

WHITE OAK * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	54.7	30.2	15.1	0.0	0.0	86
N+1	35.5	46.1	17.1	1.3	1.3	76
N+2	35.8	37.3	25.4	1.5	2.8	67
N+3	38.2	32.4	23.5	5.9	8.5	34
N+4	34.6	30.8	34.6	0.0	8.5	26
N+5	33.3	28.6	38.1	0.0	8.5	21
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	10.1	42.7	46.1	1.1	1.1	89
N+1	18.1	25.0	48.6	8.3	9.4	72
N+2	19.0	22.4	46.6	12.1	20.3	58
N+3	15.2	21.2	63.6	0.0	20.3	33
N+4	11.1	18.5	70.4	0.0	20.3	27
N+5	5.3	26.3	68.4	0.0	20.3	19
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	4.5	93.7	1.8	1.8	111
N+1	3.3	3.3	75.0	18.5	19.9	92
N+2	3.3	4.9	82.0	9.8	27.8	61
N+3	2.8	0.0	91.7	5.6	31.8	36
N+4	0.0	7.1	82.1	10.7	39.1	28
N+5	0.0	14.3	85.7	0.0	39.1	21

TABLE III.

WHITE OAK * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	60.0	13.3	20.0	6.7	6.7	15
N+1	20.0	40.0	30.0	10.0	16.0	10
N+2	42.9	42.9	14.3	0.0	16.0	7
N+3	0.0	0.0	100.0	0.0	16.0	1
N+4	0.0	0.0	100.0	0.0	16.0	1
N+5	0.0	0.0	100.0	0.0	16.0	1
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	9.1	40.9	45.5	4.5	4.5	22
N+1	0.0	28.6	28.6	42.9	45.5	14
N+2	0.0	20.0	40.0	40.0	67.3	5
N+3	0.0	100.0	0.0	0.0	67.3	1
N+4	0.0	0.0	0.0	0.0	67.3	0
N+5	0.0	0.0	0.0	0.0	67.3	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	6.3	87.5	6.3	6.3	16
N+1	0.0	0.0	61.5	38.5	42.3	13
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 112.

WHITE OAK * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	87.9	8.6	3.4	0.0	0.0	58
N+1	89.6	4.2	6.3	0.0	0.0	48
N+2	85.7	14.3	0.0	0.0	0.0	42
N+3	82.9	14.3	2.9	0.0	0.0	35
N+4	90.0	10.0	0.0	0.0	0.0	20
N+5	84.2	15.8	0.0	0.0	0.0	19
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	17.6	64.7	16.2	1.5	1.5	68
N+1	23.1	63.5	11.5	1.9	3.4	52
N+2	20.9	60.5	18.6	0.0	3.4	43
N+3	22.5	50.0	27.5	0.0	3.4	40
N+4	27.8	50.0	19.4	2.8	6.0	36
N+5	25.9	48.1	25.9	0.0	6.0	27
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	2.3	6.8	88.6	2.3	2.3	132
N+1	2.5	14.4	76.3	6.8	8.9	118
N+2	2.3	21.8	73.6	2.3	11.0	87
N+3	6.8	19.2	74.0	0.0	11.0	73
N+4	10.7	17.9	67.9	3.6	14.2	56
N+5	10.3	20.5	69.2	0.0	14.2	39

TABLE 113.

WHITE OAK * SUPPRESSED * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	56.0	36.0	8.0	0.0	0.0	25
N+1	52.6	36.8	0.0	10.5	10.5	19
N+2	58.3	33.3	0.0	8.3	18.0	12
N+3	0.0	71.4	28.6	0.0	18.0	7
N+4	28.6	57.1	14.3	0.0	18.0	7
N+5	25.0	50.0	25.0	0.0	18.0	4
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	10.7	39.3	50.0	0.0	0.0	28
N+1	11.1	16.7	50.0	22.2	22.2	18
N+2	0.0	55.6	44.4	0.0	22.2	9
N+3	0.0	66.7	33.3	0.0	22.2	3
N+4	0.0	50.0	50.0	0.0	22.2	2
N+5	0.0	50.0	50.0	0.0	22.2	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	9.1	90.9	0.0	0.0	11
N+1	0.0	0.0	71.4	28.6	28.6	7
N+2	0.0	0.0	100.0	0.0	28.6	4
N+3	0.0	33.3	66.7	0.0	28.6	3
N+4	0.0	33.3	66.7	0.0	28.6	3
N+5	0.0	0.0	100.0	0.0	28.6	2

TABLE 114.

GRAY BIRCH

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	81.5	14.0	3.8	0.7	0.7	1263
N+1	60.9	25.5	7.6	6.0	6.6	1125
N+2	62.0	21.7	8.3	8.0	14.1	626
N+3	40.4	40.7	12.4	6.5	19.7	275
N+4	40.1	40.6	13.9	5.4	24.1	202
N+5	42.2	40.3	13.6	3.9	27.0	154
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	20.7	58.0	20.5	0.7	0.7	405
N+1	22.2	46.3	21.2	10.3	11.0	311
N+2	14.1	48.8	18.2	18.8	27.7	170
N+3	2.7	58.0	31.3	8.0	33.5	112
N+4	13.2	36.8	44.1	5.9	37.4	68
N+5	11.9	40.7	40.7	6.8	41.7	59
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	2.7	7.1	89.4	0.9	0.9	113
N+1	3.0	4.5	74.6	17.9	18.6	67
N+2	0.0	4.8	71.4	23.8	38.0	21
N+3	0.0	9.1	90.9	0.0	38.0	11
N+4	0.0	28.6	71.4	0.0	38.0	7
N+5	0.0	33.3	66.7	0.0	38.0	6

TABLE 115.

GRAY BIRCH

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	46.7	29.3	24.0	0.0	0.0	75
N+1	41.3	26.1	23.9	8.7	8.7	46
N+2	54.8	25.8	12.9	6.5	14.6	31
N+3	37.5	37.5	12.5	12.5	25.3	16
N+4	30.8	46.2	23.1	0.0	25.3	13
N+5	40.0	40.0	10.0	10.0	32.7	10
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	40.8	24.5	34.7	0.0	0.0	49
N+1	12.5	50.0	37.5	0.0	0.0	16
N+2	12.5	62.5	25.0	0.0	0.0	8
N+3	12.5	50.0	37.5	0.0	0.0	8
N+4	12.5	37.5	25.0	25.0	25.0	8
N+5	20.0	60.0	20.0	0.0	25.0	5
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	7.1	92.9	0.0	0.0	14
N+1	0.0	0.0	100.0	0.0	0.0	2
N+2	0.0	0.0	100.0	0.0	0.0	1
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 116.

GRAY BIRCH

DEFOLIATION HISTORY--HHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	40.0	20.0	40.0	0.0	0.0	10
N+1	40.0	40.0	0.0	20.0	20.0	5
N+2	0.0	0.0	0.0	0.0	20.0	0
N+3	0.0	0.0	0.0	0.0	20.0	0
N+4	0.0	0.0	0.0	0.0	20.0	0
N+5	0.0	0.0	0.0	0.0	20.0	0
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	18.2	31.8	40.9	9.1	9.1	22
N+1	0.0	66.7	33.3	0.0	9.1	12
N+2	0.0	75.0	25.0	0.0	9.1	4
N+3	50.0	0.0	50.0	0.0	9.1	2
N+4	0.0	0.0	0.0	0.0	9.1	0
N+5	0.0	0.0	0.0	0.0	9.1	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	25.0	62.5	12.5	12.5	8
N+1	0.0	33.3	66.7	0.0	12.5	3
N+2	0.0	0.0	100.0	0.0	12.5	1
N+3	0.0	0.0	0.0	0.0	12.5	0
N+4	0.0	0.0	0.0	0.0	12.5	0
N+5	0.0	0.0	0.0	0.0	12.5	0

TABLE 117.

GRAY BIRCH

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	77.7	16.9	5.3	0.1	0.1	676
N+1	45.0	38.9	10.3	5.8	6.0	565
N+2	51.4	28.1	12.6	7.9	13.4	356
N+3	29.6	50.4	15.2	4.8	17.5	125
N+4	19.3	59.0	19.3	2.4	19.5	83
N+5	20.6	55.9	22.1	1.5	20.7	68
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	13.9	65.2	19.9	1.0	1.0	201
N+1	11.4	51.7	25.5	11.4	12.3	149
N+2	7.2	42.0	20.3	30.4	39.0	69
N+3	6.1	51.5	33.3	9.1	44.5	33
N+4	4.8	33.3	52.4	9.5	49.8	21
N+5	0.0	33.3	61.1	5.6	52.6	18
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	3.4	96.6	0.0	0.0	58
N+1	2.4	0.0	87.8	9.8	9.8	41
N+2	0.0	0.0	73.7	26.3	33.5	19
N+3	0.0	0.0	100.0	0.0	33.5	6
N+4	0.0	33.3	66.7	0.0	33.5	6
N+5	0.0	40.0	60.0	0.0	33.5	5

TABLE 118.

GRAY BIRCH

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	63.4	23.0	11.3	2.3	2.3	391
N+1	41.4	38.6	9.7	10.3	12.4	350
N+2	35.3	40.8	11.9	11.9	22.8	201
N+3	16.8	53.5	24.8	5.0	26.6	101
N+4	30.4	39.3	25.0	5.4	30.6	56
N+5	32.7	42.3	21.2	3.8	33.2	52
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	20.0	47.5	30.0	2.5	2.5	40
N+1	10.3	51.7	37.9	0.0	2.5	29
N+2	7.7	53.8	38.5	0.0	2.5	13
N+3	8.3	58.3	33.3	0.0	2.5	12
N+4	0.0	62.5	37.5	0.0	2.5	8
N+5	0.0	62.5	37.5	0.0	2.5	8
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	12.5	87.5	0.0	0.0	16
N+1	0.0	10.0	80.0	10.0	10.0	10
N+2	0.0	0.0	100.0	0.0	10.0	4
N+3	0.0	0.0	100.0	0.0	10.0	4
N+4	0.0	0.0	100.0	0.0	10.0	1
N+5	0.0	0.0	100.0	0.0	10.0	1

TABLE 119.

GRAY BIRCH

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	47.8	27.2	20.7	4.3	4.3	92
N+1	37.1	29.0	29.0	4.8	9.0	62
N+2	42.6	34.0	19.1	4.3	12.8	47
N+3	37.5	37.5	12.5	12.5	23.7	16
N+4	30.8	46.2	23.1	0.0	23.7	13
N+5	40.0	40.0	10.0	10.0	31.4	10
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	45.5	13.6	40.9	0.0	0.0	22
N+1	18.2	36.4	45.5	0.0	0.0	11
N+2	11.1	66.7	22.2	0.0	0.0	9
N+3	12.5	50.0	37.5	0.0	0.0	8
N+4	12.5	37.5	25.0	25.0	25.0	8
N+5	20.0	60.0	20.0	0.0	25.0	5
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	6
N+1	0.0	0.0	100.0	0.0	0.0	4
N+2	0.0	25.0	75.0	0.0	0.0	4
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 120.

GRAY BIRCH

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	88.7	6.7	3.9	0.7	0.7	284
N+1	78.8	13.0	3.9	4.3	5.0	231
N+2	68.1	12.8	10.6	8.5	13.1	47
N+3	69.7	18.2	12.1	0.0	13.1	33
N+4	70.8	20.8	8.3	0.0	13.1	24
N+5	57.1	21.4	14.3	7.1	19.3	14
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	24.2	61.5	9.3	4.9	4.9	182
N+1	28.8	47.1	22.9	1.3	6.2	153
N+2	26.9	42.3	24.4	6.4	12.2	78
N+3	31.6	35.1	29.8	3.5	15.3	57
N+4	29.3	36.6	34.1	0.0	15.3	41
N+5	54.5	33.3	12.1	0.0	15.3	33
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	9.7	9.7	74.2	6.5	6.5	93
N+1	9.4	20.3	65.6	4.7	10.8	64
N+2	7.1	28.6	60.7	3.6	14.0	28
N+3	6.7	46.7	46.7	0.0	14.0	15
N+4	20.0	40.0	40.0	0.0	14.0	5
N+5	50.0	0.0	50.0	0.0	14.0	2

TABLE 121.

GRAY BIRCH * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	85.9	11.0	2.8	0.3	0.3	580
N+1	63.0	25.8	7.4	3.9	4.2	516
N+2	68.6	17.7	6.0	7.8	11.7	283
N+3	45.9	34.2	13.5	6.3	17.2	111
N+4	50.0	36.7	8.9	4.4	20.9	90
N+5	49.4	36.4	10.4	3.9	24.0	77
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	22.2	58.8	19.1	0.0	0.0	194
N+1	17.9	51.7	22.5	7.9	7.9	151
N+2	5.9	55.3	23.5	15.3	22.0	85
N+3	1.5	61.5	29.2	7.7	28.0	65
N+4	10.9	43.5	43.5	2.2	29.6	46
N+5	9.1	45.5	38.6	6.8	34.4	44
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	5.1	5.1	87.2	2.6	2.6	39
N+1	0.0	15.0	70.0	15.0	17.2	20
N+2	0.0	0.0	100.0	0.0	17.2	4
N+3	0.0	0.0	100.0	0.0	17.2	4
N+4	0.0	0.0	100.0	0.0	17.2	2
N+5	0.0	0.0	100.0	0.0	17.2	1

TABLE 122.

GRAY BIRCH * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	61.5	25.6	12.8	0.0	0.0	39
N+1	47.8	34.8	13.0	4.3	4.3	23
N+2	61.1	16.7	11.1	11.1	15.0	18
N+3	60.0	20.0	10.0	10.0	23.5	10
N+4	44.4	33.3	22.2	0.0	23.5	9
N+5	57.1	28.6	14.3	0.0	23.5	7
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	48.0	20.0	32.0	0.0	0.0	25
N+1	16.7	50.0	33.3	0.0	0.0	6
N+2	33.3	0.0	66.7	0.0	0.0	3
N+3	33.3	0.0	66.7	0.0	0.0	3
N+4	33.3	0.0	33.3	33.3	33.3	3
N+5	50.0	0.0	50.0	0.0	33.3	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	33.3	66.7	0.0	0.0	3
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 123.

GRAY BIRCH * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	82.3	14.1	3.5	0.0	0.0	311
N+1	48.3	37.5	9.7	4.5	4.5	267
N+2	59.2	24.3	9.2	7.2	11.4	152
N+3	41.5	43.9	12.2	2.4	13.6	41
N+4	32.1	53.6	10.7	3.6	16.7	28
N+5	34.8	52.2	13.0	0.0	16.7	23
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	15.7	66.3	18.0	0.0	0.0	89
N+1	9.1	54.5	25.8	10.6	10.6	66
N+2	3.8	42.3	30.8	23.1	31.2	26
N+3	7.1	57.1	28.6	7.1	36.1	14
N+4	9.1	27.3	63.6	0.0	36.1	11
N+5	0.0	20.0	70.0	10.0	42.5	10
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	19
N+1	0.0	0.0	90.9	9.1	9.1	11
N+2	0.0	0.0	100.0	0.0	9.1	1
N+3	0.0	0.0	100.0	0.0	9.1	1
N+4	0.0	0.0	100.0	0.0	9.1	1
N+5	0.0	0.0	0.0	0.0	9.1	0

TABLE 124.

GRAY BIRCH * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	60.4	28.6	9.9	1.0	1.0	192
N+1	41.2	44.1	7.9	6.8	7.8	177
N+2	29.1	48.5	9.7	12.6	19.4	103
N+3	14.1	57.8	23.4	4.7	23.2	64
N+4	29.5	47.7	18.2	4.5	26.7	44
N+5	31.0	50.0	16.7	2.4	28.4	42
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	16.7	45.8	37.5	0.0	0.0	24
N+1	11.1	44.4	44.4	0.0	0.0	18
N+2	0.0	60.0	40.0	0.0	0.0	10
N+3	0.0	66.7	33.3	0.0	0.0	9
N+4	0.0	62.5	37.5	0.0	0.0	8
N+5	0.0	62.5	37.5	0.0	0.0	8
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	14.3	85.7	0.0	0.0	7
N+1	0.0	16.7	83.3	0.0	0.0	6
N+2	0.0	0.0	100.0	0.0	0.0	3
N+3	0.0	0.0	100.0	0.0	0.0	2
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	100.0	0.0	0.0	1

TABLE 125.

GRAY BIRCH * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	59.5	24.3	16.2	0.0	0.0	37
N+1	47.8	26.1	21.7	4.3	4.3	23
N+2	61.1	11.1	16.7	11.1	15.0	18
N+3	60.0	20.0	10.0	10.0	23.5	10
N+4	44.4	33.3	22.2	0.0	23.5	9
N+5	57.1	28.6	14.3	0.0	23.5	7
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	45.5	9.1	45.5	0.0	0.0	11
N+1	33.3	0.0	66.7	0.0	0.0	3
N+2	33.3	0.0	66.7	0.0	0.0	3
N+3	33.3	0.0	66.7	0.0	0.0	3
N+4	33.3	0.0	33.3	33.3	33.3	3
N+5	50.0	0.0	50.0	0.0	33.3	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	1
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 126.

GRAY BIRCH * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	87.7	8.2	4.1	0.0	0.0	122
N+1	80.6	10.2	3.1	6.1	6.1	98
N+2	60.0	20.0	20.0	0.0	6.1	20
N+3	52.9	23.5	23.5	0.0	6.1	17
N+4	57.1	28.6	14.3	0.0	6.1	14
N+5	44.4	33.3	22.2	0.0	6.1	9
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	18.2	64.9	10.4	6.5	6.5	77
N+1	25.4	52.4	20.6	1.6	8.0	63
N+2	28.6	46.4	25.0	0.0	8.0	28
N+3	38.9	33.3	27.8	0.0	8.0	18
N+4	41.7	33.3	25.0	0.0	8.0	12
N+5	60.0	10.0	30.0	0.0	8.0	10
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	8.3	8.3	75.0	8.3	8.3	36
N+1	8.3	33.3	54.2	4.2	12.2	24
N+2	8.3	25.0	66.7	0.0	12.2	12
N+3	0.0	42.9	57.1	0.0	12.2	7
N+4	0.0	66.7	33.3	0.0	12.2	3
N+5	100.0	0.0	0.0	0.0	12.2	1

TABLE 127.

GRAY BIRCH * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	79.0	15.7	4.1	1.1	1.1	610
N+1	58.9	25.8	8.0	7.3	8.4	547
N+2	56.9	25.5	9.7	7.9	15.6	318
N+3	35.5	46.7	11.8	5.9	20.6	152
N+4	29.9	44.9	18.7	6.5	25.8	107
N+5	30.6	47.2	18.1	4.2	28.9	72
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	21.2	56.4	21.2	1.1	1.1	179
N+1	25.9	43.2	19.4	11.5	12.5	139
N+2	21.3	44.0	13.3	21.3	31.2	75
N+3	2.5	50.0	37.5	10.0	38.0	40
N+4	20.0	20.0	45.0	15.0	47.3	20
N+5	23.1	23.1	46.2	7.7	51.4	13
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	2.2	8.7	89.1	0.0	0.0	46
N+1	6.3	0.0	71.9	21.9	21.9	32
N+2	0.0	8.3	58.3	33.3	47.9	12
N+3	0.0	20.0	80.0	0.0	47.9	5
N+4	0.0	66.7	33.3	0.0	47.9	3
N+5	0.0	66.7	33.3	0.0	47.9	3

TABLE 128.

GRAY BIRCH * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	34.5	27.6	37.9	0.0	0.0	29
N+1	38.9	22.2	27.8	11.1	11.1	18
N+2	45.5	36.4	18.2	0.0	11.1	11
N+3	0.0	66.7	16.7	16.7	25.9	6
N+4	0.0	75.0	25.0	0.0	25.9	4
N+5	0.0	66.7	0.0	33.3	50.6	3
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	44.4	27.8	27.8	0.0	0.0	18
N+1	12.5	50.0	37.5	0.0	0.0	8
N+2	0.0	100.0	0.0	0.0	0.0	5
N+3	0.0	80.0	20.0	0.0	0.0	5
N+4	0.0	60.0	20.0	20.0	20.0	5
N+5	0.0	100.0	0.0	0.0	20.0	3
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	3
N+1	0.0	0.0	100.0	0.0	0.0	1
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 129.

GRAY BIRCH * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	75.1	18.4	6.2	0.3	0.3	337
N+1	41.8	40.7	11.3	6.2	6.5	275
N+2	45.9	32.0	14.4	7.7	13.7	194
N+3	22.2	55.6	17.3	4.9	18.0	81
N+4	11.1	63.0	24.1	1.9	19.5	54
N+5	11.4	59.1	27.3	2.3	21.3	44
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	13.6	63.6	21.6	1.1	1.1	88
N+1	14.1	46.9	28.1	10.9	11.9	64
N+2	5.3	42.1	15.8	36.8	44.4	38
N+3	0.0	40.0	46.7	13.3	51.8	15
N+4	0.0	33.3	44.4	22.2	62.5	9
N+5	0.0	42.9	57.1	0.0	62.5	7
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	3.7	96.3	0.0	0.0	27
N+1	5.0	0.0	85.0	10.0	10.0	20
N+2	0.0	0.0	69.2	30.8	37.7	13
N+3	0.0	0.0	100.0	0.0	37.7	3
N+4	0.0	66.7	33.3	0.0	37.7	3
N+5	0.0	66.7	33.3	0.0	37.7	3

TABLE 130.

GRAY BIRCH * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	65.5	17.8	13.2	3.4	3.4	174
N+1	41.3	32.9	11.6	14.2	17.2	155
N+2	44.8	33.3	12.6	9.2	24.8	87
N+3	21.9	46.9	28.1	3.1	27.1	32
N+4	36.4	9.1	45.5	9.1	33.7	11
N+5	44.4	11.1	33.3	11.1	41.1	9
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	23.1	46.2	23.1	7.7	7.7	13
N+1	0.0	75.0	25.0	0.0	7.7	8
N+2	0.0	50.0	50.0	0.0	7.7	2
N+3	0.0	50.0	50.0	0.0	7.7	2
N+4	0.0	0.0	0.0	0.0	7.7	0
N+5	0.0	0.0	0.0	0.0	7.7	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	20.0	80.0	0.0	0.0	5
N+1	0.0	0.0	66.7	33.3	33.3	3
N+2	0.0	0.0	100.0	0.0	33.3	1
N+3	0.0	0.0	100.0	0.0	33.3	1
N+4	0.0	0.0	0.0	0.0	33.3	0
N+5	0.0	0.0	0.0	0.0	33.3	0

TABLE 131.

GRAY BIRCH * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	42.6	27.7	23.4	6.4	6.4	47
N+1	31.4	34.3	28.6	5.7	11.7	35
N+2	29.6	48.1	22.2	0.0	11.7	27
N+3	0.0	66.7	16.7	16.7	26.4	6
N+4	0.0	75.0	25.0	0.0	26.4	4
N+5	0.0	66.7	0.0	33.3	51.0	3
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	50.0	10.0	40.0	0.0	0.0	10
N+1	14.3	42.9	42.9	0.0	0.0	7
N+2	0.0	100.0	0.0	0.0	0.0	6
N+3	0.0	80.0	20.0	0.0	0.0	5
N+4	0.0	60.0	20.0	20.0	20.0	5
N+5	0.0	100.0	0.0	0.0	20.0	3
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	2
N+1	0.0	0.0	100.0	0.0	0.0	2
N+2	0.0	50.0	50.0	0.0	0.0	2
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 132.

GRAY BIRCH * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	90.6	5.8	2.2	1.4	1.4	138
N+1	77.9	15.9	3.5	2.7	4.1	113
N+2	64.7	11.8	5.9	17.6	21.0	17
N+3	87.5	12.5	0.0	0.0	21.0	8
N+4	100.0	0.0	0.0	0.0	21.0	5
N+5	50.0	0.0	0.0	50.0	60.5	2
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	29.3	58.7	8.7	3.3	3.3	92
N+1	32.5	41.2	25.0	1.2	4.5	80
N+2	25.5	42.6	25.5	6.4	10.6	47
N+3	26.3	36.8	31.6	5.3	15.3	38
N+4	21.4	39.3	39.3	0.0	15.3	28
N+5	50.0	45.5	4.5	0.0	15.3	22
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	11.8	11.8	70.6	5.9	5.9	51
N+1	10.8	13.5	70.3	5.4	11.0	37
N+2	6.3	31.3	56.3	6.3	16.5	16
N+3	12.5	50.0	37.5	0.0	16.5	8
N+4	50.0	0.0	50.0	0.0	16.5	2
N+5	0.0	0.0	100.0	0.0	16.5	1

TABLE 133.

GRAY BIRCH * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	60.0	30.9	9.1	0.0	0.0	55
N+1	63.6	18.2	6.8	11.4	11.4	44
N+2	45.0	25.0	20.0	10.0	20.2	20
N+3	50.0	20.0	10.0	20.0	36.2	10
N+4	80.0	20.0	0.0	0.0	36.2	5
N+5	100.0	0.0	0.0	0.0	36.2	5
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	66.7	26.7	6.7	6.7	15
N+1	8.3	25.0	33.3	33.3	37.8	12
N+2	20.0	40.0	0.0	40.0	62.7	5
N+3	33.3	66.7	0.0	0.0	62.7	3
N+4	0.0	100.0	0.0	0.0	62.7	1
N+5	0.0	100.0	0.0	0.0	62.7	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	6.3	93.8	0.0	0.0	16
N+1	0.0	0.0	88.9	11.1	11.1	9
N+2	0.0	0.0	66.7	33.3	40.7	3
N+3	0.0	0.0	100.0	0.0	40.7	1
N+4	0.0	0.0	100.0	0.0	40.7	1
N+5	0.0	0.0	100.0	0.0	40.7	1

TABLE 134.

GRAY BIRCH * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	55.0	30.0	15.0	0.0	0.0	20
N+1	40.0	33.3	6.7	20.0	20.0	15
N+2	33.3	11.1	33.3	22.2	37.8	9
N+3	66.7	0.0	0.0	33.3	58.5	3
N+4	100.0	0.0	0.0	0.0	58.5	1
N+5	100.0	0.0	0.0	0.0	58.5	1
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	64.3	28.6	7.1	7.1	14
N+1	9.1	36.4	27.3	27.3	32.5	11
N+2	25.0	50.0	0.0	25.0	49.4	4
N+3	33.3	66.7	0.0	0.0	49.4	3
N+4	0.0	100.0	0.0	0.0	49.4	1
N+5	0.0	100.0	0.0	0.0	49.4	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	11.1	88.9	0.0	0.0	9
N+1	0.0	0.0	87.5	12.5	12.5	8
N+2	0.0	0.0	75.0	25.0	34.4	4
N+3	0.0	0.0	100.0	0.0	34.4	1
N+4	0.0	0.0	100.0	0.0	34.4	1
N+5	0.0	0.0	100.0	0.0	34.4	1

TABLE 135.

GRAY BIRCH * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	81.8	4.5	13.6	0.0	0.0	22
N+1	75.0	10.0	10.0	5.0	5.0	20
N+2	90.0	0.0	0.0	10.0	14.5	10
N+3	87.5	12.5	0.0	0.0	14.5	8
N+4	80.0	20.0	0.0	0.0	14.5	5
N+5	100.0	0.0	0.0	0.0	14.5	3
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	23.1	61.5	7.7	7.7	7.7	13
N+1	20.0	60.0	20.0	0.0	7.7	10
N+2	33.3	0.0	0.0	66.7	69.2	3
N+3	100.0	0.0	0.0	0.0	69.2	1
N+4	100.0	0.0	0.0	0.0	69.2	1
N+5	100.0	0.0	0.0	0.0	69.2	1
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	4
N+1	0.0	0.0	100.0	0.0	0.0	1
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 136.

PAPER BIRCH

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	95.5	2.8	1.7	0.0	0.0	179
N+1	90.2	6.1	2.5	1.2	1.2	163
N+2	87.4	7.9	2.4	2.4	3.6	127
N+3	86.9	8.2	4.9	0.0	3.6	61
N+4	88.3	6.7	3.3	1.7	5.2	60
N+5	87.7	8.8	3.5	0.0	5.2	57
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	77.8	22.2	0.0	0.0	9
N+1	0.0	62.5	25.0	12.5	12.5	8
N+2	0.0	40.0	40.0	20.0	30.0	5
N+3	0.0	100.0	0.0	0.0	30.0	1
N+4	0.0	100.0	0.0	0.0	30.0	1
N+5	0.0	0.0	0.0	0.0	30.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	12.5	0.0	87.5	0.0	0.0	8
N+1	25.0	0.0	50.0	25.0	25.0	4
N+2	100.0	0.0	0.0	0.0	25.0	1
N+3	0.0	0.0	100.0	0.0	25.0	1
N+4	0.0	0.0	100.0	0.0	25.0	1
N+5	0.0	0.0	100.0	0.0	25.0	1

TABLE 137.

PAPER BIRCH

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	94.9	2.9	2.3	0.0	0.0	175
N+1	90.3	5.8	2.6	1.3	1.3	154
N+2	89.7	5.6	2.8	1.9	3.1	107
N+3	96.1	2.0	2.0	0.0	3.1	51
N+4	91.2	8.8	0.0	0.0	3.1	34
N+5	93.9	6.1	0.0	0.0	3.1	33
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	60.0	40.0	0.0	0.0	10
N+1	0.0	37.5	50.0	12.5	12.5	8
N+2	0.0	40.0	40.0	20.0	30.0	5
N+3	0.0	100.0	0.0	0.0	30.0	1
N+4	0.0	100.0	0.0	0.0	30.0	1
N+5	0.0	0.0	0.0	0.0	30.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	14.3	0.0	85.7	0.0	0.0	7
N+1	33.3	0.0	33.3	33.3	33.3	3
N+2	100.0	0.0	0.0	0.0	33.3	1
N+3	0.0	0.0	100.0	0.0	33.3	1
N+4	0.0	0.0	100.0	0.0	33.3	1
N+5	0.0	0.0	100.0	0.0	33.3	1

TABLE 138.

PAPER BIRCH

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	96.1	2.7	0.6	0.6	0.6	337
N+1	94.5	2.9	1.1	1.5	2.1	272
N+2	88.4	10.7	0.9	0.0	2.1	215
N+3	84.7	14.9	0.5	0.0	2.1	202
N+4	85.9	12.5	1.1	0.5	2.6	184
N+5	81.5	16.3	2.2	0.0	2.6	178
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	12.8	85.1	2.1	0.0	0.0	47
N+1	22.0	70.7	4.9	2.4	2.4	41
N+2	32.4	56.8	10.8	0.0	2.4	37
N+3	34.3	54.3	11.4	0.0	2.4	35
N+4	29.0	54.8	16.1	0.0	2.4	31
N+5	27.6	62.1	10.3	0.0	2.4	29
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	21.4	14.3	64.3	0.0	0.0	14
N+1	27.3	9.1	36.4	27.3	27.3	11
N+2	40.0	0.0	60.0	0.0	27.3	5
N+3	25.0	0.0	75.0	0.0	27.3	4
N+4	0.0	0.0	100.0	0.0	27.3	2
N+5	0.0	0.0	100.0	0.0	27.3	2

TABLE 139.

PAPER BIRCH * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	97.6	2.4	0.0	0.0	0.0	85
N+1	91.0	7.7	1.3	0.0	0.0	78
N+2	90.0	8.3	0.0	1.7	1.7	60
N+3	88.5	7.7	3.8	0.0	1.7	26
N+4	84.6	7.7	7.7	0.0	1.7	26
N+5	84.6	7.7	7.7	0.0	1.7	26
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	100.0	0.0	0.0	0.0	3
N+1	0.0	100.0	0.0	0.0	0.0	3
N+2	0.0	66.7	33.3	0.0	0.0	3
N+3	0.0	100.0	0.0	0.0	0.0	1
N+4	0.0	100.0	0.0	0.0	0.0	1
N+5	0.0	0.0	0.0	0.0	0.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	1
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 140.

PAPER BIRCH * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	98.7	1.3	0.0	0.0	0.0	78
N+1	92.8	7.2	0.0	0.0	0.0	69
N+2	93.2	6.8	0.0	0.0	0.0	44
N+3	100.0	0.0	0.0	0.0	0.0	15
N+4	93.3	6.7	0.0	0.0	0.0	15
N+5	93.3	6.7	0.0	0.0	0.0	15
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	100.0	0.0	0.0	0.0	2
N+1	0.0	100.0	0.0	0.0	0.0	2
N+2	0.0	100.0	0.0	0.0	0.0	2
N+3	0.0	100.0	0.0	0.0	0.0	1
N+4	0.0	100.0	0.0	0.0	0.0	1
N+5	0.0	0.0	0.0	0.0	0.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	1
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 141.

PAPER BIRCH * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	97.6	2.4	0.0	0.0	0.0	84
N+1	98.4	1.6	0.0	0.0	0.0	61
N+2	92.1	7.9	0.0	0.0	0.0	38
N+3	86.8	13.2	0.0	0.0	0.0	38
N+4	88.6	11.4	0.0	0.0	0.0	35
N+5	81.3	12.5	6.3	0.0	0.0	32
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	100.0	0.0	0.0	0.0	6
N+1	20.0	80.0	0.0	0.0	0.0	5
N+2	20.0	40.0	40.0	0.0	0.0	5
N+3	20.0	40.0	40.0	0.0	0.0	5
N+4	0.0	50.0	50.0	0.0	0.0	4
N+5	0.0	50.0	50.0	0.0	0.0	4
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	4
N+1	0.0	0.0	75.0	25.0	25.0	4
N+2	0.0	0.0	100.0	0.0	25.0	3
N+3	0.0	0.0	100.0	0.0	25.0	2
N+4	0.0	0.0	100.0	0.0	25.0	2
N+5	0.0	0.0	100.0	0.0	25.0	2

TABLE 142.

PAPER BIRCH * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	100.0	0.0	0.0	0.0	0.0	23
N+1	95.5	4.5	0.0	0.0	0.0	22
N+2	94.1	5.9	0.0	0.0	0.0	17
N+3	100.0	0.0	0.0	0.0	0.0	12
N+4	100.0	0.0	0.0	0.0	0.0	12
N+5	100.0	0.0	0.0	0.0	0.0	10
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	1
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 143.

PAPER BIRCH * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	95.8	0.0	4.2	0.0	0.0	24
N+1	90.9	4.5	4.5	0.0	0.0	22
N+2	93.8	6.3	0.0	0.0	0.0	16
N+3	100.0	0.0	0.0	0.0	0.0	12
N+4	100.0	0.0	0.0	0.0	0.0	7
N+5	100.0	0.0	0.0	0.0	0.0	6
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	1
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	1
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 144.

PAPER BIRCH * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	97.3	0.9	0.9	0.9	0.9	111
N+1	97.8	1.1	0.0	1.1	2.0	92
N+2	96.2	3.8	0.0	0.0	2.0	79
N+3	94.7	5.3	0.0	0.0	2.0	75
N+4	94.1	4.4	1.5	0.0	2.0	68
N+5	91.0	7.5	1.5	0.0	2.0	67
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	100.0	0.0	0.0	0.0	5
N+1	0.0	100.0	0.0	0.0	0.0	4
N+2	0.0	100.0	0.0	0.0	0.0	4
N+3	0.0	100.0	0.0	0.0	0.0	4
N+4	25.0	75.0	0.0	0.0	0.0	4
N+5	25.0	75.0	0.0	0.0	0.0	4
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	33.3	0.0	66.7	0.0	0.0	3
N+1	33.3	0.0	0.0	66.7	66.7	3
N+2	100.0	0.0	0.0	0.0	66.7	1
N+3	0.0	0.0	100.0	0.0	66.7	1
N+4	0.0	0.0	0.0	0.0	66.7	0
N+5	0.0	0.0	0.0	0.0	66.7	0

TABLE 145.

PAPER BIRCH * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	92.2	4.7	3.1	0.0	0.0	64
N+1	89.3	5.4	5.4	0.0	0.0	56
N+2	80.0	8.9	6.7	4.4	4.4	45
N+3	77.3	13.6	9.1	0.0	4.4	22
N+4	85.7	9.5	0.0	4.8	9.0	21
N+5	85.0	15.0	0.0	0.0	9.0	20
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	66.7	33.3	0.0	0.0	6
N+1	0.0	40.0	40.0	20.0	20.0	5
N+2	0.0	0.0	50.0	50.0	60.0	2
N+3	0.0	0.0	0.0	0.0	60.0	0
N+4	0.0	0.0	0.0	0.0	60.0	0
N+5	0.0	0.0	0.0	0.0	60.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	16.7	0.0	83.3	0.0	0.0	6
N+1	25.0	0.0	50.0	25.0	25.0	4
N+2	100.0	0.0	0.0	0.0	25.0	1
N+3	0.0	0.0	100.0	0.0	25.0	1
N+4	0.0	0.0	100.0	0.0	25.0	1
N+5	0.0	0.0	100.0	0.0	25.0	1

TABLE 146.

PAPER BIRCH * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	91.8	4.9	3.3	0.0	0.0	61
N+1	90.2	3.9	5.9	0.0	0.0	51
N+2	82.1	5.1	7.7	5.1	5.1	39
N+3	88.9	5.6	5.6	0.0	5.1	18
N+4	81.8	18.2	0.0	0.0	5.1	11
N+5	90.9	9.1	0.0	0.0	5.1	11
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	57.1	42.9	0.0	0.0	7
N+1	0.0	16.7	66.7	16.7	16.7	6
N+2	0.0	0.0	66.7	33.3	44.4	3
N+3	0.0	0.0	0.0	0.0	44.4	0
N+4	0.0	0.0	0.0	0.0	44.4	0
N+5	0.0	0.0	0.0	0.0	44.4	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	20.0	0.0	80.0	0.0	0.0	5
N+1	33.3	0.0	33.3	33.3	33.3	3
N+2	100.0	0.0	0.0	0.0	33.3	1
N+3	0.0	0.0	100.0	0.0	33.3	1
N+4	0.0	0.0	100.0	0.0	33.3	1
N+5	0.0	0.0	100.0	0.0	33.3	1

TABLE 147.

PAPER BIRCH * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	94.3	4.9	0.8	0.0	0.0	123
N+1	89.2	4.9	2.9	2.9	2.9	102
N+2	80.2	17.4	2.3	0.0	2.9	86
N+3	74.4	24.4	1.3	0.0	2.9	78
N+4	76.1	21.1	1.4	1.4	4.3	71
N+5	71.0	27.5	1.4	0.0	4.3	69
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	13.3	86.7	0.0	0.0	0.0	30
N+1	22.2	70.4	7.4	0.0	0.0	27
N+2	33.3	58.3	8.3	0.0	0.0	24
N+3	36.4	54.5	9.1	0.0	0.0	22
N+4	30.0	55.0	15.0	0.0	0.0	20
N+5	22.2	72.2	5.6	0.0	0.0	18
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	28.6	28.6	42.9	0.0	0.0	7
N+1	50.0	25.0	25.0	0.0	0.0	4
N+2	100.0	0.0	0.0	0.0	0.0	1
N+3	100.0	0.0	0.0	0.0	0.0	1
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 148.

RIVER BIRCH

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	73.9	21.7	4.3	0.0	0.0	115
N+1	73.2	19.6	4.1	3.1	3.1	97
N+2	60.0	26.7	8.9	4.4	7.4	45
N+3	10.0	26.7	63.3	0.0	7.4	30
N+4	6.7	30.0	63.3	0.0	7.4	30
N+5	3.7	33.3	63.0	0.0	7.4	27
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	10.7	71.4	14.3	3.6	3.6	28
N+1	44.4	44.4	5.6	5.6	8.9	18
N+2	0.0	50.0	25.0	25.0	31.7	4
N+3	0.0	50.0	50.0	0.0	31.7	2
N+4	0.0	50.0	50.0	0.0	31.7	2
N+5	0.0	100.0	0.0	0.0	31.7	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	16.7	66.7	16.7	16.7	6
N+1	25.0	0.0	25.0	50.0	58.3	4
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 149.

RIVER BIRCH

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	61.2	30.6	6.1	2.0	2.0	49
N+1	72.7	22.7	4.5	0.0	2.0	22
N+2	59.1	27.3	9.1	4.5	6.5	22
N+3	10.5	26.3	63.2	0.0	6.5	19
N+4	5.3	31.6	63.2	0.0	6.5	19
N+5	5.6	27.8	66.7	0.0	6.5	18
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	41.7	50.0	8.3	0.0	0.0	12
N+1	27.3	54.5	9.1	9.1	9.1	11
N+2	22.2	55.6	11.1	11.1	19.2	9
N+3	0.0	37.5	62.5	0.0	19.2	8
N+4	0.0	37.5	62.5	0.0	19.2	8
N+5	0.0	50.0	50.0	0.0	19.2	6
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	100.0	0.0	0.0	0.0	0.0	1
N+1	0.0	100.0	0.0	0.0	0.0	1
N+2	0.0	0.0	100.0	0.0	0.0	1
N+3	0.0	0.0	100.0	0.0	0.0	1
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	100.0	0.0	0.0	1

TABLE 150.

RIVER BIRCH

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	100.0	0.0	0.0	0.0	0.0	4
N+1	100.0	0.0	0.0	0.0	0.0	4
N+2	100.0	0.0	0.0	0.0	0.0	4
N+3	100.0	0.0	0.0	0.0	0.0	4
N+4	100.0	0.0	0.0	0.0	0.0	4
N+5	100.0	0.0	0.0	0.0	0.0	1
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	5.3	94.7	0.0	0.0	0.0	19
N+1	31.6	52.6	15.8	0.0	0.0	19
N+2	31.6	52.6	15.8	0.0	0.0	19
N+3	42.1	42.1	15.8	0.0	0.0	19
N+4	55.6	27.8	16.7	0.0	0.0	18
N+5	44.4	22.2	33.3	0.0	0.0	9
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	3.4	96.6	0.0	0.0	29
N+1	0.0	20.8	79.2	0.0	0.0	24
N+2	0.0	25.0	70.8	4.2	4.2	24
N+3	0.0	47.8	52.2	0.0	4.2	23
N+4	8.7	43.5	47.8	0.0	4.2	23
N+5	15.4	30.8	53.8	0.0	4.2	13

TABLE 151.

RIVER BIRCH * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	81.1	17.0	1.9	0.0	0.0	53
N+1	86.7	8.9	4.4	0.0	0.0	45
N+2	75.0	12.5	4.2	8.3	8.3	24
N+3	6.7	33.3	60.0	0.0	8.3	15
N+4	6.7	33.3	60.0	0.0	8.3	15
N+5	0.0	42.9	57.1	0.0	8.3	14
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	16.7	83.3	0.0	0.0	0.0	6
N+1	50.0	50.0	0.0	0.0	0.0	4
N+2	0.0	100.0	0.0	0.0	0.0	1
N+3	0.0	100.0	0.0	0.0	0.0	1
N+4	0.0	100.0	0.0	0.0	0.0	1
N+5	0.0	100.0	0.0	0.0	0.0	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	C
N+1	0.0	0.0	0.0	0.0	0.0	C
N+2	0.0	0.0	0.0	0.0	0.0	C
N+3	0.0	0.0	0.0	0.0	0.0	C
N+4	0.0	0.0	0.0	0.0	0.0	C
N+5	0.0	0.0	0.0	0.0	0.0	C

TABLE 152.

RIVER BIRCH * COMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	71.4	28.6	0.0	0.0	0.0	21
N+1	83.3	8.3	8.3	0.0	0.0	12
N+2	75.0	16.7	0.0	8.3	8.3	12
N+3	0.0	40.0	60.0	0.0	8.3	10
N+4	0.0	40.0	60.0	0.0	8.3	10
N+5	0.0	40.0	60.0	0.0	8.3	10
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	33.3	66.7	0.0	0.0	0.0	3
N+1	0.0	100.0	0.0	0.0	0.0	2
N+2	0.0	100.0	0.0	0.0	0.0	2
N+3	0.0	50.0	50.0	0.0	0.0	2
N+4	0.0	50.0	50.0	0.0	0.0	2
N+5	0.0	50.0	50.0	0.0	0.0	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 153.

RIVER BIRCH * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	71.7	26.4	1.9	0.0	0.0	53
N+1	65.9	29.5	2.3	2.3	2.3	44
N+2	42.1	47.4	10.5	0.0	2.3	19
N+3	7.7	23.1	69.2	0.0	2.3	13
N+4	7.7	23.1	69.2	0.0	2.3	13
N+5	8.3	25.0	66.7	0.0	2.3	12
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	10.5	78.9	10.5	0.0	0.0	19
N+1	46.2	46.2	7.7	0.0	0.0	13
N+2	0.0	33.3	33.3	33.3	33.3	3
N+3	0.0	0.0	100.0	0.0	33.3	1
N+4	0.0	0.0	100.0	0.0	33.3	1
N+5	0.0	0.0	0.0	0.0	33.3	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	3
N+1	0.0	0.0	50.0	50.0	50.0	2
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 154.

RIVER BIRCH * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	54.2	37.5	8.3	0.0	0.0	24
N+1	55.6	44.4	0.0	0.0	0.0	9
N+2	33.3	44.4	22.2	0.0	0.0	9
N+3	12.5	12.5	75.0	0.0	0.0	8
N+4	12.5	12.5	75.0	0.0	0.0	8
N+5	12.5	12.5	75.0	0.0	0.0	8
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	44.4	44.4	11.1	0.0	0.0	9
N+1	33.3	44.4	11.1	11.1	11.1	9
N+2	28.6	42.9	14.3	14.3	23.8	7
N+3	0.0	33.3	66.7	0.0	23.8	6
N+4	0.0	33.3	66.7	0.0	23.8	6
N+5	0.0	50.0	50.0	0.0	23.8	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 155.

ASPEN

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	85.3	8.6	4.9	1.2	1.2	407
N+1	74.9	8.6	3.9	12.5	13.6	383
N+2	66.2	14.1	4.7	15.0	26.5	234
N+3	71.1	17.8	4.6	6.6	31.4	152
N+4	69.8	11.9	4.0	14.3	41.2	126
N+5	76.2	19.0	4.8	0.0	41.2	21
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	5.9	58.8	25.5	9.8	9.8	51
N+1	27.8	8.3	8.3	55.6	59.9	36
N+2	26.7	13.3	6.7	53.3	81.3	15
N+3	0.0	40.0	60.0	0.0	81.3	5
N+4	0.0	0.0	33.3	66.7	93.8	3
N+5	0.0	0.0	0.0	0.0	93.8	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	4.2	8.3	79.2	8.3	8.3	24
N+1	0.0	7.7	23.1	69.2	71.8	13
N+2	0.0	0.0	33.3	66.7	90.6	3
N+3	0.0	0.0	0.0	0.0	90.6	0
N+4	0.0	0.0	0.0	0.0	90.6	0
N+5	0.0	0.0	0.0	0.0	90.6	0

TABLE 156.

ASPEN

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	53.1	21.9	21.9	3.1	3.1	64
N+1	48.2	12.5	3.6	35.7	37.7	56
N+2	61.3	25.8	0.0	12.9	45.8	31
N+3	40.0	46.7	6.7	6.7	49.4	15
N+4	50.0	30.0	10.0	10.0	54.4	10
N+5	50.0	37.5	12.5	0.0	54.4	8
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	10.0	60.0	30.0	0.0	0.0	30
N+1	43.5	8.7	8.7	39.1	39.1	23
N+2	30.8	15.4	7.7	46.2	67.2	13
N+3	0.0	40.0	60.0	0.0	67.2	5
N+4	0.0	0.0	33.3	66.7	89.1	3
N+5	0.0	0.0	0.0	0.0	89.1	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	5.9	11.8	70.6	11.8	11.8	17
N+1	0.0	0.0	42.9	57.1	62.2	7
N+2	0.0	0.0	50.0	50.0	81.1	2
N+3	0.0	0.0	0.0	0.0	81.1	0
N+4	0.0	0.0	0.0	0.0	81.1	0
N+5	0.0	0.0	0.0	0.0	81.1	0

TABLE 157.

ASPEN

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	54.8	22.6	6.5	16.1	16.1	31
N+1	50.0	25.0	0.0	25.0	37.1	12
N+2	88.9	0.0	0.0	11.1	44.1	9
N+3	87.5	12.5	0.0	0.0	44.1	8
N+4	0.0	0.0	0.0	100.0	100.0	2
N+5	0.0	0.0	0.0	0.0	100.0	0
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 158.

ASPEN

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	93.9	3.0	0.0	3.0	3.0	33
N+1	65.0	5.0	25.0	5.0	7.9	20
N+2	58.8	5.9	23.5	11.8	18.7	17
N+3	58.3	8.3	33.3	0.0	18.7	12
N+4	85.7	0.0	14.3	0.0	18.7	7
N+5	100.0	0.0	0.0	0.0	18.7	4
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	52.2	34.8	8.7	4.3	4.3	23
N+1	25.0	20.0	20.0	35.0	37.8	20
N+2	30.0	10.0	20.0	40.0	62.7	10
N+3	20.0	20.0	40.0	20.0	70.2	5
N+4	100.0	0.0	0.0	0.0	70.2	1
N+5	0.0	0.0	0.0	0.0	70.2	0
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	6.7	13.3	66.7	13.3	13.3	15
N+1	20.0	20.0	20.0	40.0	48.0	5
N+2	0.0	50.0	50.0	0.0	48.0	2
N+3	0.0	50.0	50.0	0.0	48.0	2
N+4	0.0	0.0	100.0	0.0	48.0	1
N+5	0.0	0.0	0.0	0.0	48.0	0

TABLE 159.

ASPEN * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	87.6	9.5	2.9	0.0	0.0	137
N+1	84.1	6.1	3.8	6.1	6.1	132
N+2	82.7	6.1	4.1	7.1	12.8	98
N+3	87.5	9.7	0.0	2.8	15.2	72
N+4	84.4	6.3	1.6	7.8	21.8	64
N+5	70.0	30.0	0.0	0.0	21.8	10
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	8.3	50.0	33.3	8.3	8.3	12
N+1	0.0	9.1	18.2	72.7	75.0	11
N+2	0.0	33.3	0.0	66.7	91.7	3
N+3	0.0	100.0	0.0	0.0	91.7	1
N+4	0.0	0.0	100.0	0.0	91.7	1
N+5	0.0	0.0	0.0	0.0	91.7	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	9.1	81.8	9.1	9.1	11
N+1	0.0	20.0	20.0	60.0	63.6	5
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 160.

ASPEN * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	65.2	21.7	8.7	4.3	4.3	23
N+1	50.0	13.6	9.1	27.3	30.4	22
N+2	90.9	9.1	0.0	0.0	30.4	11
N+3	80.0	20.0	0.0	0.0	30.4	5
N+4	75.0	25.0	0.0	0.0	30.4	4
N+5	50.0	50.0	0.0	0.0	30.4	4
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	20.0	20.0	60.0	0.0	0.0	5
N+1	0.0	0.0	20.0	80.0	80.0	5
N+2	0.0	100.0	0.0	0.0	80.0	1
N+3	0.0	100.0	0.0	0.0	80.0	1
N+4	0.0	0.0	100.0	0.0	80.0	1
N+5	0.0	0.0	0.0	0.0	80.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	75.0	25.0	25.0	8
N+1	0.0	0.0	0.0	100.0	100.0	2
N+2	0.0	0.0	0.0	0.0	100.0	0
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 161.

ASPEN * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	74.3	14.9	9.5	1.4	1.4	74
N+1	73.2	9.9	4.2	12.7	13.9	71
N+2	50.0	9.1	4.5	36.4	45.2	22
N+3	14.3	42.9	28.6	14.3	53.0	7
N+4	20.0	20.0	20.0	40.0	71.8	5
N+5	50.0	0.0	50.0	0.0	71.8	2
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	8.3	58.3	20.8	12.5	12.5	24
N+1	50.0	6.3	0.0	43.8	50.8	16
N+2	44.4	0.0	0.0	55.6	78.1	9
N+3	0.0	33.3	66.7	0.0	78.1	3
N+4	0.0	0.0	0.0	100.0	100.0	2
N+5	0.0	0.0	0.0	0.0	100.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	66.7	33.3	33.3	3
N+1	0.0	0.0	50.0	50.0	66.7	2
N+2	0.0	0.0	100.0	0.0	66.7	1
N+3	0.0	0.0	0.0	0.0	66.7	0
N+4	0.0	0.0	0.0	0.0	66.7	0
N+5	0.0	0.0	0.0	0.0	66.7	0

TABLE 162.

ASPEN * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	89.8	4.8	4.2	1.2	1.2	166
N+1	72.0	10.8	3.8	13.4	14.4	157
N+2	55.2	21.9	4.8	18.1	29.9	105
N+3	59.4	24.6	7.2	8.7	36.0	69
N+4	56.4	18.2	5.5	20.0	48.8	55
N+5	85.7	14.3	0.0	0.0	48.8	7
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	66.7	25.0	8.3	8.3	12
N+1	28.6	0.0	14.3	57.1	60.7	7
N+2	0.0	0.0	50.0	50.0	80.4	2
N+3	0.0	0.0	100.0	0.0	80.4	1
N+4	0.0	0.0	0.0	0.0	80.4	0
N+5	0.0	0.0	0.0	0.0	80.4	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	20.0	0.0	80.0	0.0	0.0	5
N+1	0.0	0.0	0.0	100.0	100.0	2
N+2	0.0	0.0	0.0	0.0	100.0	0
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 163.

ASPEN * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	77.3	9.1	4.5	9.1	9.1	22
N+1	50.0	0.0	6.3	43.8	48.9	16
N+2	66.7	16.7	16.7	0.0	48.9	6
N+3	100.0	0.0	0.0	0.0	48.9	3
N+4	100.0	0.0	0.0	0.0	48.9	2
N+5	100.0	0.0	0.0	0.0	48.9	2
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	1
N+1	0.0	0.0	0.0	100.0	100.0	1
N+2	0.0	0.0	0.0	0.0	100.0	0
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	20.0	80.0	0.0	0.0	5
N+1	0.0	0.0	25.0	75.0	75.0	4
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 164.

WILLOW

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	41.7	50.0	8.3	0.0	0.0	60
N+1	24.0	50.0	26.0	0.0	0.0	50
N+2	27.3	45.5	27.3	0.0	0.0	33
N+3	38.5	30.8	30.8	0.0	0.0	13
N+4	37.5	62.5	0.0	0.0	0.0	8
N+5	25.0	75.0	0.0	0.0	0.0	8
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	6.9	44.8	48.3	0.0	0.0	87
N+1	13.6	15.3	66.1	5.1	5.1	59
N+2	23.1	23.1	53.8	0.0	5.1	39
N+3	29.2	12.5	58.3	0.0	5.1	24
N+4	16.7	16.7	66.7	0.0	5.1	18
N+5	16.7	16.7	66.7	0.0	5.1	18
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	8.0	91.4	0.6	0.6	175
N+1	0.0	5.2	82.8	12.1	12.6	116
N+2	0.0	2.5	97.5	0.0	12.6	79
N+3	0.0	1.9	98.1	0.0	12.6	52
N+4	0.0	16.7	83.3	0.0	12.6	48
N+5	0.0	17.0	83.0	0.0	12.6	47

TABLE 165.

WILLOW

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	70.0	30.0	0.0	0.0	10
N+1	0.0	0.0	80.0	20.0	20.0	5
N+2	0.0	0.0	100.0	0.0	20.0	1
N+3	0.0	0.0	100.0	0.0	20.0	1
N+4	0.0	100.0	0.0	0.0	20.0	1
N+5	0.0	100.0	0.0	0.0	20.0	1
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	3.7	25.9	70.4	0.0	0.0	27
N+1	0.0	35.0	55.0	10.0	10.0	20
N+2	0.0	43.8	56.3	0.0	10.0	16
N+3	0.0	30.0	70.0	0.0	10.0	10
N+4	0.0	37.5	62.5	0.0	10.0	8
N+5	0.0	37.5	62.5	0.0	10.0	8
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	5.8	94.2	0.0	0.0	52
N+1	2.2	6.5	78.3	13.0	13.0	46
N+2	2.6	0.0	97.4	0.0	13.0	39
N+3	3.8	0.0	96.2	0.0	13.0	26
N+4	0.0	21.7	78.3	0.0	13.0	23
N+5	0.0	21.7	78.3	0.0	13.0	23

TABLE 166.

WILLOW

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	46.2	53.8	0.0	0.0	0.0	13
N+1	41.7	41.7	16.7	0.0	0.0	12
N+2	45.5	45.5	9.1	0.0	0.0	11
N+3	50.0	40.0	10.0	0.0	0.0	10
N+4	33.3	66.7	0.0	0.0	0.0	6
N+5	33.3	66.7	0.0	0.0	0.0	6
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	19.0	33.3	47.6	0.0	0.0	21
N+1	43.8	12.5	43.8	0.0	0.0	16
N+2	50.0	12.5	37.5	0.0	0.0	16
N+3	54.5	0.0	45.5	0.0	0.0	11
N+4	42.9	14.3	42.9	0.0	0.0	7
N+5	42.9	14.3	42.9	0.0	0.0	7
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	4.6	95.4	0.0	0.0	65
N+1	0.0	6.3	93.8	0.0	0.0	32
N+2	0.0	10.5	89.5	0.0	0.0	19
N+3	0.0	16.7	83.3	0.0	0.0	6
N+4	0.0	50.0	50.0	0.0	0.0	4
N+5	0.0	50.0	50.0	0.0	0.0	4

TABLE 167.

WILLOW

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	100.0	0.0	0.0	0.0	5
N+1	0.0	0.0	100.0	0.0	0.0	1
N+2	0.0	0.0	100.0	0.0	0.0	1
N+3	0.0	0.0	100.0	0.0	0.0	1
N+4	0.0	100.0	0.0	0.0	0.0	1
N+5	0.0	100.0	0.0	0.0	0.0	1
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	8.3	41.7	50.0	0.0	0.0	12
N+1	0.0	54.5	45.5	0.0	0.0	11
N+2	0.0	45.5	54.5	0.0	0.0	11
N+3	0.0	50.0	50.0	0.0	0.0	6
N+4	0.0	75.0	25.0	0.0	0.0	4
N+5	0.0	75.0	25.0	0.0	0.0	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	4.3	95.7	0.0	0.0	46
N+1	2.3	7.0	81.4	9.3	9.3	43
N+2	2.6	0.0	97.4	0.0	9.3	38
N+3	4.0	0.0	96.0	0.0	9.3	25
N+4	0.0	22.7	77.3	0.0	9.3	22
N+5	0.0	22.7	77.3	0.0	9.3	22

TABLE 168.

WILLOW

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	92.3	7.7	0.0	0.0	0.0	13
N+1	83.3	8.3	8.3	0.0	0.0	12
N+2	83.3	8.3	8.3	0.0	0.0	12
N+3	83.3	0.0	16.7	0.0	0.0	12
N+4	77.8	11.1	11.1	0.0	0.0	9
N+5	77.8	11.1	11.1	0.0	0.0	9
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	4.3	76.1	19.6	0.0	0.0	46
N+1	18.6	65.1	16.3	0.0	0.0	43
N+2	16.3	65.1	18.6	0.0	0.0	43
N+3	16.7	59.5	23.8	0.0	0.0	42
N+4	22.2	50.0	27.8	0.0	0.0	36
N+5	33.3	50.0	16.7	0.0	0.0	30
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	2.9	97.1	0.0	0.0	104
N+1	1.1	17.2	81.7	0.0	0.0	93
N+2	1.2	28.7	70.0	0.0	0.0	80
N+3	4.3	28.6	67.1	0.0	0.0	70
N+4	7.9	30.2	61.9	0.0	0.0	63
N+5	8.9	44.6	44.6	1.8	1.8	56

TABLE 169.

LINDEN

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	95.7	4.3	0.0	0.0	0.0	70
N+1	80.6	13.4	6.0	0.0	0.0	67
N+2	58.7	15.9	25.4	0.0	0.0	63
N+3	55.3	21.1	23.7	0.0	0.0	38
N+4	60.0	4.0	36.0	0.0	0.0	25
N+5	45.8	12.5	41.7	0.0	0.0	24
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	20.0	75.0	5.0	0.0	0.0	20
N+1	23.1	76.9	0.0	0.0	0.0	13
N+2	23.1	69.2	7.7	0.0	0.0	13
N+3	0.0	80.0	20.0	0.0	0.0	5
N+4	0.0	80.0	20.0	0.0	0.0	5
N+5	0.0	80.0	20.0	0.0	0.0	5
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	9
N+1	0.0	25.0	50.0	25.0	25.0	4
N+2	0.0	33.3	66.7	0.0	25.0	3
N+3	0.0	0.0	100.0	0.0	25.0	1
N+4	0.0	0.0	100.0	0.0	25.0	1
N+5	0.0	0.0	100.0	0.0	25.0	1

TABLE 170.

LINDEN

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	100.0	0.0	0.0	0.0	0.0	38
N+1	88.6	2.9	8.6	0.0	0.0	35
N+2	58.1	3.2	38.7	0.0	0.0	31
N+3	37.5	6.3	56.3	0.0	0.0	16
N+4	37.5	6.3	56.3	0.0	0.0	16
N+5	26.7	13.3	60.0	0.0	0.0	15
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	20.0	75.0	5.0	0.0	0.0	20
N+1	23.1	76.9	0.0	0.0	0.0	13
N+2	23.1	69.2	7.7	0.0	0.0	13
N+3	0.0	80.0	20.0	0.0	0.0	5
N+4	0.0	80.0	20.0	0.0	0.0	5
N+5	0.0	80.0	20.0	0.0	0.0	5
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	7
N+1	0.0	50.0	50.0	0.0	0.0	2
N+2	0.0	50.0	50.0	0.0	0.0	2
N+3	0.0	0.0	100.0	0.0	0.0	1
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	100.0	0.0	0.0	1

TABLE 171.

LINDEN

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	92.3	5.8	1.9	0.0	0.0	52
N+1	92.0	4.0	2.0	2.0	2.0	50
N+2	91.7	6.3	2.1	0.0	2.0	48
N+3	95.7	2.2	2.2	0.0	2.0	46
N+4	94.9	2.6	0.0	2.6	4.5	39
N+5	90.9	9.1	0.0	0.0	4.5	33
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	38.5	53.8	7.7	0.0	0.0	13
N+1	46.2	46.2	7.7	0.0	0.0	13
N+2	46.2	38.5	15.4	0.0	0.0	13
N+3	55.6	22.2	22.2	0.0	0.0	9
N+4	66.7	22.2	11.1	0.0	0.0	9
N+5	62.5	25.0	12.5	0.0	0.0	8
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	15.0	85.0	0.0	0.0	20
N+1	0.0	25.0	68.8	6.3	6.3	16
N+2	0.0	35.7	64.3	0.0	6.3	14
N+3	0.0	55.6	44.4	0.0	6.3	9
N+4	0.0	66.7	33.3	0.0	6.3	6
N+5	0.0	50.0	50.0	0.0	6.3	4

TABLE 172.

LARCH

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	98.6	1.4	0.0	0.0	0.0	147
N+1	96.6	2.7	0.0	0.7	0.7	146
N+2	79.6	13.1	6.6	0.7	1.4	137
N+3	73.6	18.4	8.0	0.0	1.4	87
N+4	72.6	20.2	6.0	1.2	2.6	84
N+5	74.1	13.6	11.1	1.2	3.8	81
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	87.5	6.3	6.3	0.0	0.0	16
N+1	93.3	6.7	0.0	0.0	0.0	15
N+2	66.7	26.7	6.7	0.0	0.0	15
N+3	33.3	50.0	0.0	16.7	16.7	6
N+4	40.0	60.0	0.0	0.0	16.7	5
N+5	40.0	0.0	60.0	0.0	16.7	5
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	100.0	0.0	0.0	0.0	0.0	2
N+1	50.0	0.0	0.0	50.0	50.0	2
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 173.

LARCH

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	97.3	2.7	0.0	0.0	0.0	149
N+1	96.6	2.7	0.0	0.7	0.7	146
N+2	79.6	13.1	6.6	0.7	1.4	137
N+3	73.6	18.4	8.0	0.0	1.4	87
N+4	72.6	20.2	6.0	1.2	2.6	84
N+5	74.1	13.6	11.1	1.2	3.8	81
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	87.5	6.3	6.3	0.0	0.0	16
N+1	93.3	6.7	0.0	0.0	0.0	15
N+2	66.7	26.7	6.7	0.0	0.0	15
N+3	33.3	50.0	0.0	16.7	16.7	6
N+4	40.0	60.0	0.0	0.0	16.7	5
N+5	40.0	0.0	60.0	0.0	16.7	5
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	66.7	0.0	33.3	0.0	0.0	3
N+1	33.3	33.3	0.0	33.3	33.3	3
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 174.

LARCH

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	89.8	5.6	3.6	1.0	1.0	196
N+1	89.4	5.7	4.1	0.8	1.8	123
N+2	62.5	14.2	23.3	0.0	1.8	120
N+3	61.9	15.3	22.9	0.0	1.8	118
N+4	53.1	20.8	26.0	0.0	1.8	96
N+5	31.5	32.6	35.9	0.0	1.8	92
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	29.3	51.2	17.1	2.4	2.4	41
N+1	31.6	55.3	13.2	0.0	2.4	38
N+2	52.8	22.2	25.0	0.0	2.4	36
N+3	60.0	14.3	25.7	0.0	2.4	35
N+4	57.1	9.5	33.3	0.0	2.4	21
N+5	68.4	15.8	15.8	0.0	2.4	19
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	4.2	8.3	81.3	6.3	6.3	48
N+1	4.9	9.8	80.5	4.9	10.8	41
N+2	31.4	57.1	11.4	0.0	10.8	35
N+3	31.4	57.1	8.6	2.9	13.4	35
N+4	50.0	0.0	50.0	0.0	13.4	4
N+5	50.0	50.0	0.0	0.0	13.4	4

TABLE 175.

LARCH * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	100.0	0.0	0.0	0.0	0.0	20
N+1	100.0	0.0	0.0	0.0	0.0	20
N+2	77.8	11.1	11.1	0.0	0.0	18
N+3	70.0	10.0	20.0	0.0	0.0	10
N+4	70.0	10.0	20.0	0.0	0.0	10
N+5	50.0	10.0	40.0	0.0	0.0	10
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 176.

LARCH * COMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	100.0	0.0	0.0	0.0	0.0	20
N+1	100.0	0.0	0.0	0.0	0.0	20
N+2	77.8	11.1	11.1	0.0	0.0	18
N+3	70.0	10.0	20.0	0.0	0.0	10
N+4	70.0	10.0	20.0	0.0	0.0	10
N+5	50.0	10.0	40.0	0.0	0.0	10
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 177.

LARCH * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	100.0	0.0	0.0	0.0	0.0	75
N+1	97.3	1.3	0.0	1.3	1.3	75
N+2	79.2	13.9	6.9	0.0	1.3	72
N+3	74.0	18.0	8.0	0.0	1.3	50
N+4	77.1	18.8	4.2	0.0	1.3	48
N+5	87.0	10.9	2.2	0.0	1.3	46
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	66.7	33.3	0.0	0.0	0.0	3
N+1	66.7	33.3	0.0	0.0	0.0	3
N+2	66.7	33.3	0.0	0.0	0.0	3
N+3	66.7	33.3	0.0	0.0	0.0	3
N+4	66.7	33.3	0.0	0.0	0.0	3
N+5	66.7	0.0	33.3	0.0	0.0	3
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 178.

LARCH * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	100.0	0.0	0.0	0.0	0.0	75
N+1	97.3	1.3	0.0	1.3	1.3	75
N+2	79.2	13.9	6.9	0.0	1.3	72
N+3	74.0	18.0	8.0	0.0	1.3	50
N+4	77.1	18.8	4.2	0.0	1.3	48
N+5	87.0	10.9	2.2	0.0	1.3	46
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	66.7	33.3	0.0	0.0	0.0	3
N+1	66.7	33.3	0.0	0.0	0.0	3
N+2	66.7	33.3	0.0	0.0	0.0	3
N+3	66.7	33.3	0.0	0.0	0.0	3
N+4	66.7	33.3	0.0	0.0	0.0	3
N+5	66.7	0.0	33.3	0.0	0.0	3
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 179.

LARCH * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	93.2	5.1	1.7	0.0	0.0	118
N+1	92.6	4.9	2.5	0.0	0.0	81
N+2	62.5	15.0	22.5	0.0	0.0	80
N+3	62.0	15.2	22.8	0.0	0.0	79
N+4	53.1	20.3	26.6	0.0	0.0	64
N+5	34.4	29.5	36.1	0.0	0.0	61
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	43.5	43.5	13.0	0.0	0.0	23
N+1	43.5	47.8	8.7	0.0	0.0	23
N+2	69.6	13.0	17.4	0.0	0.0	23
N+3	78.3	4.3	17.4	0.0	0.0	23
N+4	71.4	0.0	28.6	0.0	0.0	14
N+5	84.6	15.4	0.0	0.0	0.0	13
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	7.7	11.5	80.8	0.0	0.0	26
N+1	7.7	11.5	76.9	3.8	3.8	26
N+2	47.8	47.8	4.3	0.0	3.8	23
N+3	47.8	47.8	4.3	0.0	3.8	23
N+4	66.7	0.0	33.3	0.0	3.8	3
N+5	66.7	33.3	0.0	0.0	3.8	3

TABLE 180.

LARCH * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	95.2	4.8	0.0	0.0	0.0	42
N+1	92.7	7.3	0.0	0.0	0.0	41
N+2	78.4	16.2	2.7	2.7	2.7	37
N+3	66.7	28.6	4.8	0.0	2.7	21
N+4	55.0	35.0	5.0	5.0	7.6	20
N+5	47.4	26.3	21.1	5.3	12.4	19
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	88.9	0.0	11.1	0.0	0.0	9
N+1	100.0	0.0	0.0	0.0	0.0	8
N+2	50.0	37.5	12.5	0.0	0.0	8
N+3	0.0	66.7	0.0	33.3	33.3	3
N+4	0.0	100.0	0.0	0.0	33.3	2
N+5	0.0	0.0	100.0	0.0	33.3	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	100.0	0.0	0.0	0.0	0.0	2
N+1	50.0	0.0	0.0	50.0	50.0	2
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 181.

LARCH * INTERMECIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	90.9	9.1	0.0	0.0	0.0	44
N+1	92.7	7.3	0.0	0.0	0.0	41
N+2	78.4	16.2	2.7	2.7	2.7	37
N+3	66.7	28.6	4.8	0.0	2.7	21
N+4	55.0	35.0	5.0	5.0	7.6	20
N+5	47.4	26.3	21.1	5.3	12.4	19
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	88.9	0.0	11.1	0.0	0.0	9
N+1	100.0	0.0	0.0	0.0	0.0	8
N+2	50.0	37.5	12.5	0.0	0.0	8
N+3	0.0	66.7	0.0	33.3	33.3	3
N+4	0.0	100.0	0.0	0.0	33.3	2
N+5	0.0	0.0	100.0	0.0	33.3	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	100.0	0.0	0.0	0.0	0.0	2
N+1	50.0	0.0	0.0	50.0	50.0	2
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 182.

LARCH * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	80.0	8.9	6.7	4.4	4.4	45
N+1	78.9	10.5	10.5	0.0	4.4	19
N+2	61.1	11.1	27.8	0.0	4.4	18
N+3	61.1	16.7	22.2	0.0	4.4	18
N+4	53.3	26.7	20.0	0.0	4.4	15
N+5	35.7	28.6	35.7	0.0	4.4	14
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	7.1	57.1	28.6	7.1	7.1	14
N+1	9.1	63.6	27.3	0.0	7.1	11
N+2	22.2	33.3	44.4	0.0	7.1	9
N+3	25.0	25.0	50.0	0.0	7.1	8
N+4	20.0	40.0	40.0	0.0	7.1	5
N+5	25.0	0.0	75.0	0.0	7.1	4
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	8.3	75.0	16.7	16.7	12
N+1	0.0	16.7	83.3	0.0	16.7	6
N+2	0.0	75.0	25.0	0.0	16.7	4
N+3	0.0	75.0	25.0	0.0	16.7	4
N+4	0.0	0.0	0.0	0.0	16.7	0
N+5	0.0	0.0	0.0	0.0	16.7	0

TABLE 183.

RED MAPLE

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	57.6	33.1	9.0	0.3	0.3	290
N+1	61.2	24.7	9.0	5.1	5.4	178
N+2	64.5	20.6	9.9	5.0	10.1	141
N+3	66.2	17.3	13.5	3.0	12.8	133
N+4	61.0	24.4	12.2	2.4	14.9	123
N+5	57.0	26.3	14.0	2.6	17.2	114
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	15.0	40.7	43.6	0.7	0.7	140
N+1	10.6	31.8	30.3	27.3	27.8	66
N+2	17.5	32.5	42.5	7.5	33.2	40
N+3	14.7	32.4	44.1	8.8	39.1	34
N+4	13.3	36.7	50.0	0.0	39.1	30
N+5	27.6	20.7	51.7	0.0	39.1	29
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	3.6	94.5	1.8	1.8	55
N+1	2.8	0.0	52.8	44.4	45.5	36
N+2	0.0	5.3	84.2	10.5	51.2	19
N+3	0.0	6.3	68.8	25.0	63.4	16
N+4	0.0	0.0	90.0	10.0	67.1	10
N+5	0.0	0.0	100.0	0.0	67.1	9

TABLE 184.

RED MAPLE

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	33.0	47.4	18.6	1.0	1.0	97
N+1	62.5	21.9	9.4	6.3	7.2	64
N+2	61.0	20.3	13.6	5.1	11.9	59
N+3	64.3	16.1	17.9	1.8	13.5	56
N+4	50.9	29.1	16.4	3.6	16.7	55
N+5	45.1	31.4	19.6	3.9	19.9	51
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	3.1	23.4	70.3	3.1	3.1	64
N+1	3.1	18.8	25.0	53.1	54.6	32
N+2	16.7	16.7	58.3	8.3	58.4	12
N+3	18.2	9.1	45.5	27.3	69.7	11
N+4	0.0	42.9	57.1	0.0	69.7	7
N+5	0.0	28.6	71.4	0.0	69.7	7
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	12
N+1	0.0	0.0	100.0	0.0	0.0	5
N+2	0.0	0.0	100.0	0.0	0.0	5
N+3	0.0	0.0	100.0	0.0	0.0	4
N+4	0.0	0.0	100.0	0.0	0.0	4
N+5	0.0	0.0	100.0	0.0	0.0	4

TABLE 185.

RED MAPLE

DEFOLIATION HISTORY--HHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	34.6	23.1	38.5	3.8	3.8	26
N+1	20.0	13.3	46.7	20.0	23.1	15
N+2	22.2	22.2	44.4	11.1	31.6	9
N+3	50.0	0.0	0.0	50.0	65.8	4
N+4	100.0	0.0	0.0	0.0	65.8	1
N+5	100.0	0.0	0.0	0.0	65.8	1
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	15.4	11.5	69.2	3.8	3.8	26
N+1	5.9	11.8	41.2	41.2	43.4	17
N+2	10.0	0.0	90.0	0.0	43.4	10
N+3	0.0	12.5	75.0	12.5	50.5	8
N+4	0.0	0.0	85.7	14.3	57.6	7
N+5	0.0	0.0	100.0	0.0	57.6	6
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	66.7	33.3	33.3	3
N+1	0.0	0.0	0.0	0.0	33.3	0
N+2	0.0	0.0	0.0	0.0	33.3	0
N+3	0.0	0.0	0.0	0.0	33.3	0
N+4	0.0	0.0	0.0	0.0	33.3	0
N+5	0.0	0.0	0.0	0.0	33.3	0

TABLE 186.

RED MAPLE

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	69.7	22.6	7.7	0.0	0.0	208
N+1	59.3	22.1	13.3	5.3	5.3	113
N+2	63.5	17.7	14.6	4.2	9.3	96
N+3	67.4	15.7	12.4	4.5	13.3	89
N+4	65.2	18.2	13.6	3.0	16.0	66
N+5	61.1	22.2	14.8	1.9	17.5	54
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	10.7	45.3	44.0	0.0	0.0	75
N+1	14.3	35.7	31.0	19.0	19.0	42
N+2	4.3	43.5	43.5	8.7	26.1	23
N+3	0.0	38.9	55.6	5.6	30.2	18
N+4	0.0	41.2	58.8	0.0	30.2	17
N+5	26.7	13.3	60.0	0.0	30.2	15
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	83.3	16.7	16.7	24
N+1	0.0	0.0	69.2	30.8	42.3	13
N+2	0.0	0.0	75.0	25.0	56.7	8
N+3	0.0	16.7	50.0	33.3	71.2	6
N+4	0.0	0.0	100.0	0.0	71.2	3
N+5	0.0	0.0	100.0	0.0	71.2	3

TABLE 187.

RED MAPLE

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	30.4	47.8	13.0	8.7	8.7	23
N+1	50.0	0.0	50.0	0.0	8.7	2
N+2	100.0	0.0	0.0	0.0	8.7	1
N+3	100.0	0.0	0.0	0.0	8.7	1
N+4	100.0	0.0	0.0	0.0	8.7	1
N+5	100.0	0.0	0.0	0.0	8.7	1
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	20.0	0.0	60.0	20.0	20.0	5
N+1	0.0	0.0	50.0	50.0	60.0	2
N+2	0.0	0.0	100.0	0.0	60.0	1
N+3	0.0	0.0	100.0	0.0	60.0	1
N+4	0.0	0.0	0.0	0.0	60.0	0
N+5	0.0	0.0	0.0	0.0	60.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 188.

RED MAPLE

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	28.4	52.6	14.7	4.2	4.2	95
N+1	73.3	17.3	5.3	4.0	8.0	75
N+2	69.8	17.5	9.5	3.2	11.0	63
N+3	68.9	14.8	16.4	0.0	11.0	61
N+4	52.1	33.3	12.5	2.1	12.8	48
N+5	46.8	34.0	14.9	4.3	16.5	47
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	26.1	58.7	15.2	15.2	46
N+1	5.6	27.8	22.2	44.4	52.9	18
N+2	22.2	22.2	44.4	11.1	58.1	9
N+3	25.0	12.5	50.0	12.5	63.4	8
N+4	0.0	50.0	50.0	0.0	63.4	6
N+5	0.0	33.3	66.7	0.0	63.4	6
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	83.3	16.7	16.7	6
N+1	0.0	0.0	100.0	0.0	16.7	3
N+2	0.0	0.0	100.0	0.0	16.7	3
N+3	0.0	0.0	100.0	0.0	16.7	2
N+4	0.0	0.0	100.0	0.0	16.7	1
N+5	0.0	0.0	100.0	0.0	16.7	1

TABLE 189.

RED MAPLE

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	92.5	5.9	1.6	0.1	0.1	1539
N+1	88.1	9.5	2.3	0.1	0.1	1421
N+2	80.9	13.1	5.7	0.3	0.4	1331
N+3	77.9	13.2	8.5	0.4	0.8	1229
N+4	75.3	15.0	9.4	0.3	1.2	1183
N+5	71.1	16.3	12.3	0.3	1.5	1062
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	18.4	71.7	9.0	0.9	0.9	700
N+1	23.6	60.6	13.9	1.9	2.8	627
N+2	26.0	52.1	20.7	1.2	3.9	576
N+3	27.4	49.3	21.6	1.7	5.6	515
N+4	29.0	47.3	21.6	2.1	7.6	486
N+5	33.5	40.9	23.9	1.7	9.2	406
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	1.3	6.5	85.8	6.3	6.3	459
N+1	1.8	12.2	79.7	6.2	12.2	385
N+2	2.7	18.7	71.1	7.5	18.8	332
N+3	5.2	19.2	74.2	1.5	20.0	271
N+4	6.6	25.9	64.6	2.9	22.3	243
N+5	7.3	31.4	55.0	6.3	27.2	191

TABLE 190.

RED MAPLE * COMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	58.1	37.2	4.7	0.0	0.0	43
N+1	60.0	12.0	16.0	12.0	12.0	25
N+2	77.8	5.6	16.7	0.0	12.0	18
N+3	77.8	11.1	5.6	5.6	16.9	18
N+4	58.8	29.4	11.8	0.0	16.9	17
N+5	58.8	23.5	17.6	0.0	16.9	17
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	21.4	28.6	50.0	0.0	0.0	14
N+1	12.5	25.0	12.5	50.0	50.0	8
N+2	50.0	25.0	0.0	25.0	62.5	4
N+3	66.7	0.0	33.3	0.0	62.5	3
N+4	66.7	0.0	33.3	0.0	62.5	3
N+5	66.7	0.0	33.3	0.0	62.5	3
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	5
N+1	0.0	0.0	66.7	33.3	33.3	3
N+2	0.0	0.0	100.0	0.0	33.3	2
N+3	0.0	0.0	100.0	0.0	33.3	2
N+4	0.0	0.0	100.0	0.0	33.3	2
N+5	0.0	0.0	100.0	0.0	33.3	2

TABLE 191.

RED MAPLE * COMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	85.7	11.4	2.9	0.0	0.0	35
N+1	66.7	0.0	20.0	13.3	13.3	15
N+2	69.2	0.0	30.8	0.0	13.3	13
N+3	69.2	15.4	7.7	7.7	20.0	13
N+4	66.7	22.2	11.1	0.0	20.0	9
N+5	71.4	0.0	28.6	0.0	20.0	7
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	5
N+1	0.0	20.0	20.0	60.0	60.0	5
N+2	0.0	50.0	0.0	50.0	80.0	2
N+3	0.0	0.0	100.0	0.0	80.0	1
N+4	0.0	0.0	100.0	0.0	80.0	1
N+5	0.0	0.0	100.0	0.0	80.0	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	3
N+1	0.0	0.0	100.0	0.0	0.0	1
N+2	0.0	0.0	100.0	0.0	0.0	1
N+3	0.0	0.0	100.0	0.0	0.0	1
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	100.0	0.0	0.0	1

TABLE 192.

RED MAPLE * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	18.2	77.3	4.5	0.0	0.0	22
N+1	88.9	5.6	5.6	0.0	0.0	18
N+2	83.3	16.7	0.0	0.0	0.0	18
N+3	77.8	11.1	11.1	0.0	0.0	18
N+4	54.5	36.4	9.1	0.0	0.0	11
N+5	54.5	36.4	9.1	0.0	0.0	11
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	33.3	66.7	0.0	0.0	3
N+1	0.0	0.0	0.0	0.0	0.0	C
N+2	0.0	0.0	0.0	0.0	0.0	C
N+3	0.0	0.0	0.0	0.0	0.0	C
N+4	0.0	0.0	0.0	0.0	0.0	C
N+5	0.0	0.0	0.0	0.0	0.0	C
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	1
N+1	0.0	0.0	100.0	0.0	0.0	1
N+2	0.0	0.0	100.0	0.0	0.0	1
N+3	0.0	0.0	100.0	0.0	0.0	1
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	100.0	0.0	0.0	1

TABLE 193.

RED MAPLE * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	93.2	3.8	3.1	0.0	0.0	293
N+1	89.0	6.2	4.8	0.0	0.0	273
N+2	80.6	11.9	7.5	0.0	0.0	252
N+3	72.9	12.7	14.4	0.0	0.0	236
N+4	72.4	10.8	16.8	0.0	0.0	232
N+5	65.6	13.7	20.8	0.0	0.0	212
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	18.8	59.4	21.9	0.0	0.0	64
N+1	25.8	40.3	30.6	3.2	3.2	62
N+2	22.2	35.2	42.6	0.0	3.2	54
N+3	20.4	26.5	53.1	0.0	3.2	49
N+4	19.1	25.5	46.8	8.5	11.5	47
N+5	20.6	29.4	38.2	11.8	21.9	34
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	2.7	97.3	0.0	0.0	74
N+1	1.5	4.6	87.7	6.2	6.2	65
N+2	3.6	7.1	69.6	19.6	24.6	56
N+3	4.9	9.8	85.4	0.0	24.6	41
N+4	6.3	12.5	75.0	6.3	29.3	32
N+5	7.7	11.5	57.7	23.1	45.6	26

TABLE 194.

RED MAPLE * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	54.0	40.2	5.7	0.0	0.0	87
N+1	75.5	22.6	1.9	0.0	0.0	53
N+2	73.9	17.4	2.2	6.5	6.5	46
N+3	79.1	14.0	4.7	2.3	8.7	43
N+4	73.2	19.5	7.3	0.0	8.7	41
N+5	63.2	26.3	7.9	2.6	11.1	38
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	18.0	48.0	34.0	0.0	0.0	50
N+1	9.1	40.9	18.2	31.8	31.8	22
N+2	21.4	42.9	35.7	0.0	31.8	14
N+3	14.3	50.0	28.6	7.1	36.7	14
N+4	8.3	58.3	33.3	0.0	36.7	12
N+5	45.5	27.3	27.3	0.0	36.7	11
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	14
N+1	0.0	0.0	50.0	50.0	50.0	12
N+2	0.0	0.0	100.0	0.0	50.0	5
N+3	0.0	0.0	100.0	0.0	50.0	4
N+4	0.0	0.0	75.0	25.0	62.5	4
N+5	0.0	0.0	100.0	0.0	62.5	3

TABLE 195.

RED MAPLE * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	29.0	51.6	19.4	0.0	0.0	31
N+1	70.6	11.8	5.9	11.8	11.8	17
N+2	66.7	6.7	20.0	6.7	17.6	15
N+3	64.3	14.3	21.4	0.0	17.6	14
N+4	57.1	14.3	21.4	7.1	23.5	14
N+5	50.0	25.0	16.7	8.3	29.9	12
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	8.0	32.0	60.0	0.0	0.0	25
N+1	6.3	18.8	31.3	43.8	43.8	16
N+2	28.6	14.3	57.1	0.0	43.8	7
N+3	28.6	14.3	42.9	14.3	51.8	7
N+4	0.0	60.0	40.0	0.0	51.8	5
N+5	0.0	40.0	60.0	0.0	51.8	5
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	2
N+1	0.0	0.0	100.0	0.0	0.0	2
N+2	0.0	0.0	100.0	0.0	0.0	2
N+3	0.0	0.0	100.0	0.0	0.0	1
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	100.0	0.0	0.0	1

TABLE 196.

RED MAPLE * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	68.8	25.0	6.3	0.0	0.0	48
N+1	69.0	27.6	3.4	0.0	0.0	29
N+2	69.0	24.1	0.0	6.9	6.9	29
N+3	76.0	20.0	0.0	4.0	10.6	25
N+4	77.3	18.2	4.5	0.0	10.6	22
N+5	66.7	28.6	4.8	0.0	10.6	21
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	17.4	60.9	21.7	0.0	0.0	23
N+1	11.1	55.6	22.2	11.1	11.1	9
N+2	0.0	71.4	28.6	0.0	11.1	7
N+3	0.0	71.4	28.6	0.0	11.1	7
N+4	0.0	71.4	28.6	0.0	11.1	7
N+5	66.7	16.7	16.7	0.0	11.1	6
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	80.0	20.0	20.0	5
N+1	0.0	0.0	0.0	100.0	100.0	3
N+2	0.0	0.0	0.0	0.0	100.0	C
N+3	0.0	0.0	0.0	0.0	100.0	C
N+4	0.0	0.0	0.0	0.0	100.0	C
N+5	0.0	0.0	0.0	0.0	100.0	C

TABLE 197.

RED MAPLE * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	28.6	57.1	14.3	0.0	0.0	21
N+1	86.7	0.0	0.0	13.3	13.3	15
N+2	84.6	0.0	7.7	7.7	20.0	13
N+3	83.3	8.3	8.3	0.0	20.0	12
N+4	70.0	20.0	10.0	0.0	20.0	10
N+5	60.0	30.0	0.0	10.0	28.0	10
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	46.7	46.7	6.7	6.7	15
N+1	10.0	20.0	30.0	40.0	44.0	10
N+2	40.0	20.0	40.0	0.0	44.0	5
N+3	40.0	20.0	40.0	0.0	44.0	5
N+4	0.0	75.0	25.0	0.0	44.0	4
N+5	0.0	50.0	50.0	0.0	44.0	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	1
N+1	0.0	0.0	100.0	0.0	0.0	1
N+2	0.0	0.0	100.0	0.0	0.0	1
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 198.

RED MAPLE * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	91.4	7.0	1.4	0.2	0.2	499
N+1	86.4	11.7	1.9	0.0	0.2	463
N+2	79.7	15.8	4.3	0.2	0.4	438
N+3	77.1	15.9	7.0	0.0	0.4	402
N+4	73.6	19.3	6.8	0.3	0.7	383
N+5	70.5	19.5	9.6	0.3	1.0	353
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	19.5	71.9	8.6	0.0	0.0	221
N+1	24.1	62.7	11.3	1.9	1.9	212
N+2	28.6	53.6	17.3	0.5	2.4	196
N+3	32.8	46.6	17.8	2.9	5.2	174
N+4	31.0	50.0	17.1	1.9	7.0	158
N+5	39.8	42.9	16.5	0.8	7.7	133
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	1.0	90.5	8.6	8.6	105
N+1	1.2	9.5	84.5	4.8	12.9	84
N+2	2.8	15.3	73.6	8.3	20.2	72
N+3	5.2	13.8	81.0	0.0	20.2	58
N+4	7.8	17.6	72.5	2.0	21.7	51
N+5	7.7	28.2	56.4	7.7	27.8	39

TABLE 199.

RED MAPLE * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	55.9	29.4	14.7	0.0	0.0	34
N+1	60.0	30.0	5.0	5.0	5.0	20
N+2	50.0	37.5	6.3	6.3	10.9	16
N+3	40.0	26.7	33.3	0.0	10.9	15
N+4	33.3	26.7	40.0	0.0	10.9	15
N+5	40.0	13.3	40.0	6.7	16.9	15
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	60.0	0.0	40.0	0.0	0.0	5
N+1	0.0	0.0	100.0	0.0	0.0	1
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	2
N+1	0.0	0.0	50.0	50.0	50.0	2
N+2	0.0	0.0	100.0	0.0	50.0	1
N+3	0.0	0.0	0.0	100.0	100.0	1
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 200.

RED MAPLE * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	76.0	8.0	16.0	0.0	0.0	25
N+1	61.5	23.1	7.7	7.7	7.7	13
N+2	60.0	30.0	0.0	10.0	16.9	10
N+3	55.6	22.2	22.2	0.0	16.9	9
N+4	50.0	12.5	37.5	0.0	16.9	8
N+5	33.3	16.7	33.3	16.7	30.8	6
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	25.0	50.0	25.0	0.0	0.0	4
N+1	50.0	50.0	0.0	0.0	0.0	2
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	1
N+1	0.0	0.0	100.0	0.0	0.0	1
N+2	0.0	0.0	100.0	0.0	0.0	1
N+3	0.0	0.0	0.0	100.0	100.0	1
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 201.

RED MAPLE * INTERMECIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOCC	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOCD CONDITICN AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	92.5	6.2	1.4	0.0	0.0	146
N+1	90.9	6.6	2.5	0.0	0.0	121
N+2	82.3	9.7	7.1	0.9	0.9	113
N+3	81.5	8.3	9.3	0.9	1.8	108
N+4	80.4	10.3	9.3	0.0	1.8	107
N+5	77.9	11.6	9.5	1.1	2.8	95
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	19.2	67.3	11.5	1.9	1.9	52
N+1	26.2	52.4	21.4	0.0	1.9	42
N+2	37.5	35.0	25.0	2.5	4.4	40
N+3	31.4	40.0	28.6	0.0	4.4	35
N+4	36.4	33.3	30.3	0.0	4.4	33
N+5	37.0	14.8	44.4	3.7	7.9	27
POCR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	4.5	90.9	4.5	4.5	44
N+1	2.5	10.0	87.5	0.0	4.5	40
N+2	5.3	13.2	78.9	2.6	7.1	38
N+3	8.3	16.7	75.0	0.0	7.1	36
N+4	8.3	27.8	63.9	0.0	7.1	36
N+5	10.0	26.7	63.3	0.0	7.1	30

TABLE 202.

RED MAPLE * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	61.3	28.3	9.4	0.9	0.9	106
N+1	53.0	31.8	10.6	4.5	5.4	66
N+2	54.9	25.5	15.7	3.9	9.2	51
N+3	56.3	20.8	18.8	4.2	12.9	48
N+4	61.0	24.4	7.3	7.3	19.3	41
N+5	58.3	33.3	8.3	0.0	19.3	36
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	6.5	38.7	53.2	1.6	1.6	62
N+1	10.0	30.0	36.7	23.3	24.6	30
N+2	5.9	29.4	52.9	11.8	33.4	17
N+3	7.7	23.1	53.8	15.4	43.7	13
N+4	9.1	27.3	63.6	0.0	43.7	11
N+5	9.1	18.2	72.7	0.0	43.7	11
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	3.1	93.8	3.1	3.1	32
N+1	5.3	0.0	52.6	42.1	43.9	19
N+2	0.0	9.1	72.7	18.2	54.1	11
N+3	0.0	11.1	55.6	33.3	69.4	9
N+4	0.0	0.0	100.0	0.0	69.4	4
N+5	0.0	0.0	100.0	0.0	69.4	4

TABLE 203.

RED MAPLE * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	37.9	27.6	31.0	3.4	3.4	29
N+1	42.9	42.9	9.5	4.8	8.0	21
N+2	40.0	35.0	15.0	10.0	17.2	20
N+3	50.0	22.2	22.2	5.6	21.8	18
N+4	52.9	29.4	11.8	5.9	26.4	17
N+5	40.0	40.0	20.0	0.0	26.4	15
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	14.3	78.6	7.1	7.1	28
N+1	0.0	16.7	25.0	58.3	61.3	12
N+2	0.0	0.0	75.0	25.0	71.0	4
N+3	0.0	0.0	33.3	66.7	90.3	3
N+4	0.0	0.0	100.0	0.0	90.3	1
N+5	0.0	0.0	100.0	0.0	90.3	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	8
N+1	0.0	0.0	100.0	0.0	0.0	2
N+2	0.0	0.0	100.0	0.0	0.0	2
N+3	0.0	0.0	100.0	0.0	0.0	2
N+4	0.0	0.0	100.0	0.0	0.0	2
N+5	0.0	0.0	100.0	0.0	0.0	2

TABLE 204.

RED MAPLE * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	61.2	32.5	6.3	0.0	0.0	80
N+1	47.6	31.0	16.7	4.8	4.8	42
N+2	55.9	17.6	26.5	0.0	4.8	34
N+3	57.6	15.2	21.2	6.1	10.5	33
N+4	56.5	21.7	13.0	8.7	18.3	23
N+5	56.3	31.3	12.5	0.0	18.3	16
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	7.9	36.8	55.3	0.0	0.0	38
N+1	13.6	31.8	36.4	18.2	18.2	22
N+2	0.0	30.0	60.0	10.0	26.4	10
N+3	0.0	14.3	71.4	14.3	36.9	7
N+4	0.0	16.7	83.3	0.0	36.9	6
N+5	0.0	0.0	100.0	0.0	36.9	5
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	80.0	20.0	20.0	15
N+1	0.0	0.0	87.5	12.5	30.0	8
N+2	0.0	0.0	66.7	33.3	53.3	6
N+3	0.0	25.0	50.0	25.0	65.0	4
N+4	0.0	0.0	100.0	0.0	65.0	2
N+5	0.0	0.0	100.0	0.0	65.0	2

TABLE 205.

RED MAPLE * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LHH

YEAR	GOCD	FAIR	PCOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	35.5	25.8	29.0	9.7	9.7	31
N+1	57.7	34.6	3.8	3.8	13.2	26
N+2	52.9	29.4	11.8	5.9	18.3	17
N+3	56.3	25.0	18.8	0.0	18.3	16
N+4	53.3	33.3	6.7	6.7	23.7	15
N+5	42.9	42.9	14.3	0.0	23.7	14
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	8.7	65.2	26.1	26.1	23
N+1	0.0	33.3	16.7	50.0	63.0	6
N+2	0.0	0.0	66.7	33.3	75.4	3
N+3	0.0	0.0	50.0	50.0	87.7	2
N+4	0.0	0.0	100.0	0.0	87.7	1
N+5	0.0	0.0	100.0	0.0	87.7	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	75.0	25.0	25.0	4
N+1	0.0	0.0	100.0	0.0	25.0	1
N+2	0.0	0.0	100.0	0.0	25.0	1
N+3	0.0	0.0	100.0	0.0	25.0	1
N+4	0.0	0.0	0.0	0.0	25.0	0
N+5	0.0	0.0	0.0	0.0	25.0	0

TABLE 206.

RED MAPLE * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	86.8	11.1	2.1	0.0	0.0	288
N+1	79.8	16.7	3.1	0.4	0.4	258
N+2	73.0	19.3	7.3	0.4	0.8	233
N+3	68.8	21.6	7.7	1.9	2.7	208
N+4	65.1	24.0	9.9	1.0	3.7	192
N+5	62.0	25.2	12.9	0.0	3.7	163
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	16.0	76.0	6.7	1.3	1.3	300
N+1	20.6	65.9	11.1	2.4	3.7	252
N+2	20.9	59.6	18.3	1.3	4.9	230
N+3	21.3	59.9	16.9	1.9	6.8	207
N+4	25.1	55.3	18.1	1.5	8.2	199
N+5	27.6	50.0	21.8	0.6	8.7	174
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	3.2	11.3	76.9	8.6	8.6	186
N+1	2.6	15.9	72.2	9.3	17.1	151
N+2	2.4	22.8	70.1	4.7	21.0	127
N+3	6.0	22.0	69.0	3.0	23.4	100
N+4	6.7	28.9	61.1	3.3	25.9	90
N+5	8.1	31.1	58.1	2.7	27.9	74

TABLE 207.

WHITE PINE

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	66.7	20.9	12.0	0.4	0.4	225
N+1	62.3	19.8	11.6	6.3	6.7	207
N+2	58.3	24.6	12.6	4.6	11.0	175
N+3	54.8	24.5	18.1	2.6	13.3	155
N+4	65.2	19.6	11.6	3.6	16.4	138
N+5	64.5	20.7	14.0	0.8	17.1	121
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	13.4	49.5	36.1	1.0	1.0	97
N+1	11.8	49.4	28.2	10.6	11.5	85
N+2	13.6	40.7	30.5	15.3	25.0	59
N+3	11.1	37.8	40.0	11.1	33.3	45
N+4	9.4	34.4	50.0	6.3	37.5	32
N+5	14.8	37.0	33.3	14.8	46.8	27
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	4.7	7.0	86.0	2.3	2.3	43
N+1	3.2	19.4	25.8	51.6	52.7	31
N+2	11.1	11.1	66.7	11.1	58.0	9
N+3	16.7	33.3	33.3	16.7	65.0	6
N+4	50.0	25.0	25.0	0.0	65.0	4
N+5	50.0	25.0	25.0	0.0	65.0	4

TABLE 208.

WHITE PINE

DEFOLIATION HISTORY--LLH

YEAR	GOCC	FAIR	PCOR	DEAC	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	79.2	17.7	3.1	0.0	0.0	130
N+1	62.9	23.4	9.7	4.0	4.0	124
N+2	53.6	32.1	11.6	2.7	6.6	112
N+3	54.3	26.6	18.1	1.1	7.6	94
N+4	55.6	28.4	14.8	1.2	8.7	81
N+5	55.6	26.4	16.7	1.4	10.0	72
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	2.2	71.7	26.1	0.0	0.0	46
N+1	10.0	60.0	27.5	2.5	2.5	40
N+2	14.7	44.1	32.4	8.8	11.1	34
N+3	12.0	52.0	28.0	8.0	18.2	25
N+4	6.3	43.8	43.8	6.3	23.3	16
N+5	0.0	50.0	41.7	8.3	29.7	12
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	4.5	95.5	0.0	0.0	22
N+1	0.0	11.8	52.9	35.3	35.3	17
N+2	0.0	16.7	83.3	0.0	35.3	6
N+3	0.0	16.7	66.7	16.7	46.1	6
N+4	0.0	50.0	50.0	0.0	46.1	2
N+5	0.0	50.0	50.0	0.0	46.1	2

TABLE 209.

WHITE PINE

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	93.5	5.1	1.1	0.2	0.2	1929
N+1	91.7	6.7	1.2	0.3	0.5	1789
N+2	88.6	8.3	2.6	0.5	1.1	1679
N+3	86.2	10.5	2.7	0.6	1.7	1500
N+4	85.6	11.6	2.7	0.1	1.8	1356
N+5	82.6	13.2	4.0	0.2	2.1	1239
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	20.8	69.7	8.5	1.0	1.0	485
N+1	29.9	57.4	10.5	2.2	3.2	411
N+2	32.3	51.9	14.0	1.9	5.0	372
N+3	27.8	51.1	19.6	1.6	6.5	317
N+4	26.0	48.3	23.8	1.9	8.3	269
N+5	25.0	49.1	25.0	0.9	9.1	220
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	1.5	12.8	72.9	12.8	12.8	203
N+1	5.1	23.2	60.9	10.9	22.3	138
N+2	5.1	29.3	61.6	4.0	25.4	99
N+3	0.0	30.4	65.8	3.8	28.3	79
N+4	1.6	35.9	56.3	6.3	32.7	64
N+5	4.5	47.7	47.7	0.0	32.7	44

TABLE 210.

WHITE PINE * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	74.2	19.4	6.5	0.0	0.0	62
N+1	67.2	23.0	8.2	1.6	1.6	61
N+2	69.2	19.2	11.5	0.0	1.6	52
N+3	68.6	21.6	7.8	2.0	3.6	51
N+4	70.0	20.0	4.0	6.0	9.4	50
N+5	72.1	23.3	2.3	2.3	11.5	43
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	100.0	0.0	0.0	0.0	3
N+1	0.0	100.0	0.0	0.0	0.0	3
N+2	0.0	50.0	50.0	0.0	0.0	2
N+3	0.0	100.0	0.0	0.0	0.0	2
N+4	0.0	50.0	50.0	0.0	0.0	2
N+5	50.0	0.0	50.0	0.0	0.0	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	25.0	0.0	75.0	0.0	0.0	4
N+1	50.0	0.0	0.0	50.0	50.0	2
N+2	100.0	0.0	0.0	0.0	50.0	1
N+3	100.0	0.0	0.0	0.0	50.0	1
N+4	100.0	0.0	0.0	0.0	50.0	1
N+5	100.0	0.0	0.0	0.0	50.0	1

TABLE 211.

WHITE PINE * COMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	78.4	18.9	2.7	0.0	0.0	37
N+1	56.8	29.7	10.8	2.7	2.7	37
N+2	55.9	32.4	11.8	0.0	2.7	34
N+3	54.5	33.3	9.1	3.0	5.7	33
N+4	56.3	34.4	6.3	3.1	8.6	32
N+5	62.1	31.0	3.4	3.4	11.8	29
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	C
N+1	0.0	0.0	0.0	0.0	0.0	C
N+2	0.0	0.0	0.0	0.0	0.0	C
N+3	0.0	0.0	0.0	0.0	0.0	C
N+4	0.0	0.0	0.0	0.0	0.0	C
N+5	0.0	0.0	0.0	0.0	0.0	C
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	1
N+1	0.0	0.0	0.0	0.0	0.0	C
N+2	0.0	0.0	0.0	0.0	0.0	C
N+3	0.0	0.0	0.0	0.0	0.0	C
N+4	0.0	0.0	0.0	0.0	0.0	C
N+5	0.0	0.0	0.0	0.0	0.0	C

TABLE 212.

WHITE PINE * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	96.8	2.8	0.3	0.1	0.1	990
N+1	96.3	3.2	0.5	0.0	0.1	916
N+2	93.0	4.6	2.1	0.2	0.3	862
N+3	92.1	5.7	1.8	0.4	0.7	757
N+4	92.4	5.7	1.9	0.0	0.7	668
N+5	89.3	6.4	3.9	0.3	1.0	637
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	21.5	74.7	3.8	0.0	0.0	79
N+1	38.5	50.8	10.8	0.0	0.0	65
N+2	52.5	32.8	14.8	0.0	0.0	61
N+3	54.0	34.0	10.0	2.0	2.0	50
N+4	60.5	23.7	15.8	0.0	2.0	38
N+5	51.4	28.6	20.0	0.0	2.0	35
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	7.1	78.6	14.3	14.3	28
N+1	0.0	18.8	75.0	6.3	19.6	16
N+2	0.0	30.8	69.2	0.0	19.6	13
N+3	0.0	40.0	60.0	0.0	19.6	10
N+4	0.0	60.0	40.0	0.0	19.6	5
N+5	0.0	80.0	20.0	0.0	19.6	5

TABLE 213.

WHITE PINE * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	64.0	32.0	4.0	0.0	0.0	25
N+1	72.2	16.7	11.1	0.0	0.0	18
N+2	56.3	18.8	18.8	6.3	6.3	16
N+3	60.0	13.3	20.0	6.7	12.5	15
N+4	70.0	20.0	10.0	0.0	12.5	10
N+5	57.1	14.3	28.6	0.0	12.5	7
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	18.2	54.5	18.2	9.1	9.1	11
N+1	11.1	66.7	22.2	0.0	9.1	9
N+2	25.0	25.0	50.0	0.0	9.1	4
N+3	25.0	25.0	25.0	25.0	31.8	4
N+4	0.0	0.0	100.0	0.0	31.8	1
N+5	0.0	0.0	0.0	100.0	100.0	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	2
N+1	0.0	0.0	100.0	0.0	0.0	1
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 214.

WHITE PINE * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	92.0	7.1	0.0	0.9	0.9	112
N+1	91.3	8.7	0.0	0.0	0.9	103
N+2	84.0	12.0	3.0	1.0	1.9	100
N+3	76.7	20.0	1.1	2.2	4.1	90
N+4	84.6	14.1	1.3	0.0	4.1	78
N+5	77.0	14.8	8.2	0.0	4.1	61
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	15.6	68.8	15.6	0.0	0.0	32
N+1	21.7	47.8	26.1	4.3	4.3	23
N+2	23.8	33.3	33.3	9.5	13.5	21
N+3	18.8	18.8	62.5	0.0	13.5	16
N+4	8.3	33.3	58.3	0.0	13.5	12
N+5	9.1	36.4	54.5	0.0	13.5	11
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	0.0	83.3	16.7	16.7	12
N+1	0.0	20.0	80.0	0.0	16.7	5
N+2	0.0	25.0	75.0	0.0	16.7	4
N+3	0.0	25.0	75.0	0.0	16.7	4
N+4	25.0	50.0	25.0	0.0	16.7	4
N+5	33.3	33.3	33.3	0.0	16.7	3

TABLE 215.

WHITE PINE * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	63.0	33.3	3.7	0.0	0.0	27
N+1	81.5	18.5	0.0	0.0	0.0	27
N+2	72.0	24.0	4.0	0.0	0.0	25
N+3	60.9	26.1	13.0	0.0	0.0	23
N+4	68.2	13.6	13.6	4.5	4.5	22
N+5	55.0	20.0	25.0	0.0	4.5	20
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	9.1	63.6	27.3	0.0	0.0	11
N+1	25.0	50.0	25.0	0.0	0.0	8
N+2	16.7	33.3	50.0	0.0	0.0	6
N+3	0.0	16.7	66.7	16.7	16.7	6
N+4	0.0	25.0	50.0	25.0	37.5	4
N+5	0.0	33.3	33.3	33.3	58.3	3
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	75.0	25.0	25.0	4
N+1	0.0	0.0	0.0	100.0	100.0	2
N+2	0.0	0.0	0.0	0.0	100.0	0
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 216.

WHITE PINE * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	80.0	20.0	0.0	0.0	0.0	20
N+1	75.0	25.0	0.0	0.0	0.0	20
N+2	65.0	30.0	5.0	0.0	0.0	20
N+3	52.9	29.4	17.6	0.0	0.0	17
N+4	53.8	23.1	23.1	0.0	0.0	13
N+5	50.0	25.0	25.0	0.0	0.0	12
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	60.0	40.0	0.0	0.0	5
N+1	33.3	33.3	33.3	0.0	0.0	3
N+2	0.0	50.0	50.0	0.0	0.0	2
N+3	0.0	50.0	50.0	0.0	0.0	2
N+4	0.0	50.0	0.0	50.0	50.0	2
N+5	0.0	100.0	0.0	0.0	50.0	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	2
N+1	0.0	0.0	0.0	100.0	100.0	2
N+2	0.0	0.0	0.0	0.0	100.0	0
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 217.

WHITE PINE * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	87.8	7.4	4.3	0.5	0.5	376
N+1	86.7	8.7	2.9	1.7	2.3	346
N+2	85.3	10.6	2.8	1.2	3.5	320
N+3	80.6	13.4	4.9	1.1	4.5	283
N+4	80.2	14.7	4.3	0.8	5.2	258
N+5	79.6	16.6	3.4	0.4	5.6	235
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	17.0	67.0	12.3	3.8	3.8	106
N+1	39.1	41.4	12.6	6.9	10.4	87
N+2	39.4	42.3	12.7	5.6	15.5	71
N+3	28.0	46.0	22.0	4.0	18.8	50
N+4	32.4	35.3	26.5	5.9	23.6	34
N+5	25.0	50.0	21.4	3.6	26.3	28
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	18.2	66.7	15.2	15.2	33
N+1	4.3	52.2	26.1	17.4	29.9	23
N+2	6.7	60.0	33.3	0.0	29.9	15
N+3	0.0	35.7	57.1	7.1	34.9	14
N+4	0.0	46.2	30.8	23.1	49.9	13
N+5	16.7	50.0	33.3	0.0	49.9	6

TABLE 218.

WHITE PINE * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	67.0	17.0	14.9	1.1	1.1	94
N+1	55.3	17.6	15.3	11.8	12.7	85
N+2	49.3	26.1	15.9	8.7	20.3	69
N+3	41.8	29.1	25.5	3.6	23.2	55
N+4	60.0	22.2	15.6	2.2	24.9	45
N+5	63.4	17.1	19.5	0.0	24.9	41
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	13.8	46.2	40.0	0.0	0.0	65
N+1	12.1	43.1	31.0	13.8	13.8	58
N+2	14.3	38.1	26.2	21.4	32.3	42
N+3	14.3	39.3	35.7	10.7	39.5	28
N+4	10.0	45.0	45.0	0.0	39.5	20
N+5	11.8	47.1	35.3	5.9	43.1	17
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	3.6	7.1	89.3	0.0	0.0	28
N+1	0.0	22.7	27.3	50.0	50.0	22
N+2	0.0	16.7	66.7	16.7	58.3	6
N+3	0.0	50.0	25.0	25.0	68.7	4
N+4	33.3	33.3	33.3	0.0	68.7	3
N+5	33.3	33.3	33.3	0.0	68.7	3

TABLE 219.

WHITE PINE * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	80.4	15.7	3.9	0.0	0.0	51
N+1	57.1	24.5	10.2	8.2	8.2	49
N+2	47.6	31.0	14.3	7.1	14.7	42
N+3	55.2	20.7	24.1	0.0	14.7	29
N+4	54.2	25.0	20.8	0.0	14.7	24
N+5	50.0	22.7	27.3	0.0	14.7	22
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	2.8	75.0	22.2	0.0	0.0	36
N+1	9.1	63.6	24.2	3.0	3.0	33
N+2	16.7	46.7	26.7	10.0	12.7	30
N+3	13.6	54.5	27.3	4.5	16.7	22
N+4	7.1	42.9	50.0	0.0	16.7	14
N+5	0.0	45.5	45.5	9.1	24.3	11
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	7.1	92.9	0.0	0.0	14
N+1	0.0	16.7	50.0	33.3	33.3	12
N+2	0.0	33.3	66.7	0.0	33.3	3
N+3	0.0	33.3	33.3	33.3	55.6	3
N+4	0.0	50.0	50.0	0.0	55.6	2
N+5	0.0	50.0	50.0	0.0	55.6	2

TABLE 220.

WHITE PINE * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	89.3	10.0	0.7	0.0	0.0	291
N+1	84.1	13.3	2.6	0.0	0.0	270
N+2	80.2	13.8	5.3	0.8	0.8	247
N+3	79.0	16.2	4.4	0.4	1.2	229
N+4	75.2	19.7	5.0	0.0	1.2	218
N+5	68.1	25.3	6.6	0.0	1.2	182
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	26.0	66.1	7.3	0.6	0.6	177
N+1	29.4	62.7	7.2	0.7	1.2	153
N+2	28.9	59.2	11.3	0.7	1.9	142
N+3	24.6	57.7	16.2	1.5	3.4	130
N+4	22.0	55.9	20.3	1.7	5.1	118
N+5	20.2	55.1	23.6	1.1	6.1	89
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	3.3	13.0	73.9	9.8	9.8	92
N+1	7.1	15.7	68.6	8.6	17.5	70
N+2	8.0	20.0	66.0	6.0	22.5	50
N+3	0.0	25.0	70.0	5.0	26.3	40
N+4	0.0	22.6	77.4	0.0	26.3	31
N+5	0.0	40.9	59.1	0.0	26.3	22

TABLE 221.

HICKORY

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	79.3	17.2	3.4	0.0	0.0	58
N+1	74.5	9.1	9.1	7.3	7.3	55
N+2	74.5	13.7	7.8	3.9	10.9	51
N+3	65.1	18.6	11.6	4.7	15.1	43
N+4	71.8	12.8	15.4	0.0	15.1	39
N+5	68.4	15.8	15.8	0.0	15.1	38
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	13.3	73.3	13.3	0.0	0.0	15
N+1	0.0	40.0	60.0	0.0	0.0	10
N+2	0.0	40.0	20.0	40.0	40.0	10
N+3	0.0	50.0	50.0	0.0	40.0	4
N+4	0.0	66.7	33.3	0.0	40.0	3
N+5	0.0	66.7	0.0	33.3	60.0	3
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	7
N+1	0.0	0.0	100.0	0.0	0.0	7
N+2	0.0	0.0	71.4	28.6	28.6	7
N+3	0.0	0.0	100.0	0.0	28.6	4
N+4	0.0	0.0	100.0	0.0	28.6	4
N+5	0.0	0.0	100.0	0.0	28.6	4

TABLE 222.

HICKORY

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	85.0	10.0	5.0	0.0	0.0	40
N+1	81.6	5.3	10.5	2.6	2.6	38
N+2	78.4	10.8	10.8	0.0	2.6	37
N+3	69.7	15.2	9.1	6.1	8.5	33
N+4	71.4	14.3	14.3	0.0	8.5	28
N+5	64.0	16.0	20.0	0.0	8.5	25
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	18.2	72.7	9.1	0.0	0.0	11
N+1	0.0	42.9	57.1	0.0	0.0	7
N+2	0.0	42.9	28.6	28.6	28.6	7
N+3	0.0	50.0	50.0	0.0	28.6	4
N+4	0.0	66.7	33.3	0.0	28.6	3
N+5	0.0	66.7	0.0	33.3	52.4	3
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	87.5	12.5	12.5	8
N+1	0.0	0.0	100.0	0.0	12.5	7
N+2	0.0	0.0	71.4	28.6	37.5	7
N+3	0.0	0.0	100.0	0.0	37.5	4
N+4	0.0	0.0	100.0	0.0	37.5	4
N+5	0.0	0.0	100.0	0.0	37.5	4

TABLE 223.

HICKORY

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	96.6	2.3	1.1	0.0	0.0	441
N+1	94.5	3.3	1.9	0.2	0.2	421
N+2	91.9	4.9	3.0	0.3	0.5	369
N+3	92.1	4.6	3.0	0.3	0.8	329
N+4	89.0	6.8	3.8	0.4	1.2	264
N+5	87.4	8.4	4.2	0.0	1.2	238
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	39.5	52.6	7.9	0.0	0.0	76
N+1	44.3	38.6	14.3	2.9	2.9	70
N+2	50.0	35.7	14.3	0.0	2.9	56
N+3	47.2	32.1	20.8	0.0	2.9	53
N+4	46.7	37.8	15.6	0.0	2.9	45
N+5	65.7	17.1	17.1	0.0	2.9	35
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	5.0	11.7	78.3	5.0	5.0	60
N+1	3.7	20.4	66.7	9.3	13.8	54
N+2	14.3	19.0	61.9	4.8	17.9	42
N+3	30.3	15.2	54.5	0.0	17.9	33
N+4	28.1	18.8	53.1	0.0	17.9	32
N+5	32.0	20.0	48.0	0.0	17.9	25

TABLE 224.

BEECH

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	49.1	48.1	2.8	0.0	0.0	106
N+1	87.4	10.7	1.0	1.0	1.0	103
N+2	88.7	8.2	2.1	1.0	2.0	97
N+3	81.5	13.6	4.9	0.0	2.0	81
N+4	82.2	13.7	2.7	1.4	3.3	73
N+5	75.4	19.3	3.5	1.8	5.0	57
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	16.7	83.3	0.0	0.0	0.0	12
N+1	50.0	41.7	8.3	0.0	0.0	12
N+2	45.5	36.4	18.2	0.0	0.0	11
N+3	25.0	25.0	50.0	0.0	0.0	8
N+4	25.0	50.0	25.0	0.0	0.0	8
N+5	37.5	37.5	25.0	0.0	0.0	8
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	1
N+1	0.0	0.0	100.0	0.0	0.0	1
N+2	0.0	0.0	100.0	0.0	0.0	1
N+3	0.0	0.0	100.0	0.0	0.0	1
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	100.0	0.0	0.0	0.0	1

TABLE 225.

BEECH

DEFOLIATION HISTORY--LLH

YEAR	GOCC	FAIR	PCOR	CEAD	CUM. CEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CCNDITION BEFCRE FIRST HEAVY DEFOLIATION						
N	65.2	29.0	5.8	0.0	0.0	69
N+1	82.5	12.7	3.2	1.6	1.6	63
N+2	78.8	19.2	1.9	0.0	1.6	52
N+3	78.4	16.2	5.4	0.0	1.6	37
N+4	72.4	20.7	6.9	0.0	1.6	29
N+5	64.3	28.6	3.6	3.6	5.1	28
FAIR CCNDITICN BEFCRE FIRST HEAVY DEFOLIATION						
N	0.0	100.0	0.0	0.0	0.0	7
N+1	0.0	100.0	0.0	0.0	0.0	5
N+2	0.0	66.7	33.3	0.0	0.0	3
N+3	0.0	50.0	50.0	0.0	0.0	2
N+4	0.0	50.0	50.0	0.0	0.0	2
N+5	0.0	50.0	50.0	0.0	0.0	2
POOR CCNDITICN BEFCRE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	C
N+1	0.0	0.0	0.0	0.0	0.0	C
N+2	0.0	0.0	0.0	0.0	0.0	C
N+3	0.0	C.0	0.0	0.0	C.0	C
N+4	0.0	0.0	C.0	0.0	0.0	C
N+5	0.0	0.0	0.0	0.0	0.0	C

TABLE 226.

BEECH

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	97.9	1.6	0.5	0.0	0.0	754
N+1	95.0	3.5	1.4	0.0	0.0	706
N+2	90.6	6.0	3.1	0.3	0.3	668
N+3	90.8	5.5	3.6	0.0	0.3	631
N+4	89.5	6.1	4.4	0.0	0.3	588
N+5	88.1	6.0	5.5	0.4	0.7	563
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	19.0	73.0	7.9	0.0	0.0	126
N+1	32.7	57.0	9.3	0.9	0.9	107
N+2	42.0	42.0	14.0	2.0	2.9	100
N+3	48.9	37.8	13.3	0.0	2.9	90
N+4	51.3	34.6	14.1	0.0	2.9	78
N+5	64.4	23.3	12.3	0.0	2.9	73
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	3.8	11.4	81.0	3.8	3.8	79
N+1	9.5	14.3	74.6	1.6	5.3	63
N+2	16.4	14.5	63.6	5.5	10.5	55
N+3	17.4	23.9	56.5	2.2	12.4	46
N+4	23.7	26.3	47.4	2.6	14.7	38
N+5	34.4	15.6	46.9	3.1	17.4	32

TABLE 227.

MIXED OAKS

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	65.8	25.6	8.2	0.3	0.3	4288
N+1	64.7	18.5	10.0	6.9	7.2	3276
N+2	67.7	17.6	10.7	4.0	11.0	2445
N+3	61.4	21.6	15.0	1.9	12.7	1645
N+4	61.4	22.7	14.4	1.5	14.0	1328
N+5	63.5	20.3	15.2	1.0	14.9	1071
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	17.7	49.4	31.6	1.3	1.3	1479
N+1	25.7	25.8	32.6	16.0	17.1	1099
N+2	27.5	25.2	36.3	10.9	26.2	622
N+3	32.2	25.1	39.1	3.6	28.8	338
N+4	32.0	22.4	42.0	3.6	31.3	250
N+5	20.5	27.1	49.4	3.0	33.4	166
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	1.4	6.9	89.0	2.7	2.7	899
N+1	1.8	4.9	61.9	31.5	33.3	556
N+2	3.5	4.7	76.4	15.4	43.5	254
N+3	2.1	7.0	83.2	7.7	47.9	143
N+4	2.0	10.8	81.4	5.9	51.0	102
N+5	7.6	8.9	82.3	1.3	51.6	79

TABLE 228.

MIXED OAKS

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	53.5	25.5	17.9	3.1	3.1	709
N+1	58.5	15.5	14.0	12.0	14.7	458
N+2	64.8	9.3	21.3	4.6	18.7	324
N+3	59.0	14.8	23.5	2.7	20.9	183
N+4	54.4	20.8	20.0	4.8	24.7	125
N+5	63.2	19.5	12.6	4.6	28.2	87
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	16.7	24.5	53.2	5.6	5.6	216
N+1	14.2	20.5	26.8	38.6	42.0	127
N+2	20.8	17.0	45.3	17.0	51.8	53
N+3	27.8	11.1	50.0	11.1	57.2	18
N+4	30.0	20.0	30.0	20.0	65.8	10
N+5	0.0	50.0	50.0	0.0	65.8	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	4.3	9.4	78.3	8.0	8.0	138
N+1	7.8	2.2	52.2	37.8	42.7	90
N+2	10.0	0.0	60.0	30.0	59.9	20
N+3	11.1	11.1	77.8	0.0	59.9	9
N+4	0.0	0.0	100.0	0.0	59.9	4
N+5	0.0	0.0	100.0	0.0	59.9	3

TABLE 229.

MIXED OAKS

DEFOLIATION HISTORY--HHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	17.5	18.6	46.4	17.5	17.5	97
N+1	7.7	17.9	43.6	30.8	42.9	39
N+2	15.4	0.0	76.9	7.7	47.3	13
N+3	40.0	0.0	60.0	0.0	47.3	5
N+4	66.7	0.0	33.3	0.0	47.3	3
N+5	50.0	0.0	50.0	0.0	47.3	2
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	7.5	20.0	55.0	17.5	17.5	40
N+1	0.0	18.2	36.4	45.5	55.0	22
N+2	12.5	0.0	75.0	12.5	60.6	8
N+3	0.0	0.0	100.0	0.0	60.6	4
N+4	0.0	0.0	66.7	33.3	73.7	3
N+5	0.0	0.0	100.0	0.0	73.7	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	95.0	5.0	5.0	20
N+1	0.0	7.7	38.5	53.8	56.2	13
N+2	0.0	0.0	75.0	25.0	67.1	4
N+3	0.0	0.0	100.0	0.0	67.1	1
N+4	0.0	0.0	100.0	0.0	67.1	1
N+5	0.0	0.0	0.0	0.0	67.1	0

TABLE 230.

MIXED OAKS

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	77.1	18.3	4.5	0.1	0.1	1614
N+1	68.9	19.5	9.5	2.1	2.2	1424
N+2	66.7	20.3	10.5	2.5	4.7	1169
N+3	60.5	23.2	14.4	1.9	6.4	806
N+4	57.7	25.7	15.7	0.9	7.3	650
N+5	53.9	27.6	18.6	0.0	7.3	555
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	13.6	52.6	33.3	0.6	0.6	544
N+1	16.4	34.5	42.4	6.7	7.2	420
N+2	21.1	31.5	38.8	8.5	15.1	317
N+3	25.5	29.8	43.6	1.1	16.0	188
N+4	20.3	29.7	46.6	3.4	18.8	148
N+5	17.1	31.6	50.4	0.9	19.5	117
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.4	3.9	94.5	1.1	1.1	457
N+1	1.4	4.2	75.7	18.7	19.6	284
N+2	2.2	5.6	80.9	11.2	28.6	178
N+3	1.8	8.3	87.2	2.8	30.6	109
N+4	1.2	11.8	80.0	7.1	35.5	85
N+5	7.4	10.3	80.9	1.5	36.4	68

TABLE 231.

MIXED OAKS

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	51.6	24.9	21.1	2.4	2.4	417
N+1	34.6	26.5	29.2	9.7	11.9	257
N+2	48.7	20.9	24.6	5.9	17.1	187
N+3	57.3	13.7	25.2	3.8	20.2	131
N+4	71.2	7.7	19.2	1.9	21.8	52
N+5	73.9	8.7	17.4	0.0	21.8	46
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	9.5	41.3	45.5	3.7	3.7	189
N+1	17.1	41.4	30.6	10.8	14.1	111
N+2	42.5	25.3	25.3	6.9	20.0	87
N+3	70.9	16.4	10.9	1.8	21.5	55
N+4	0.0	50.0	50.0	0.0	21.5	6
N+5	0.0	25.0	75.0	0.0	21.5	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	5.3	93.0	1.8	1.8	57
N+1	5.3	10.5	57.9	26.3	27.6	19
N+2	15.4	7.7	69.2	7.7	33.2	13
N+3	14.3	0.0	85.7	0.0	33.2	7
N+4	0.0	0.0	100.0	0.0	33.2	2
N+5	0.0	0.0	100.0	0.0	33.2	2

TABLE 232.

MIXED OAKS

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	42.2	35.6	18.2	4.0	4.0	275
N+1	51.0	20.5	19.0	9.5	13.1	200
N+2	62.3	11.6	23.3	2.7	15.5	146
N+3	60.0	15.0	21.7	3.3	18.3	60
N+4	40.0	34.3	22.9	2.9	20.7	35
N+5	38.5	38.5	19.2	3.8	23.7	26
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	12.4	30.7	49.6	7.3	7.3	137
N+1	21.5	19.0	32.9	26.6	31.9	79
N+2	27.5	22.5	35.0	15.0	42.2	40
N+3	35.7	7.1	57.1	0.0	42.2	14
N+4	33.3	11.1	44.4	11.1	48.6	9
N+5	0.0	33.3	66.7	0.0	48.6	3
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	1.0	10.3	83.5	5.2	5.2	97
N+1	3.2	4.8	69.8	22.2	26.2	63
N+2	7.1	0.0	57.1	35.7	52.6	14
N+3	25.0	0.0	75.0	0.0	52.6	4
N+4	0.0	0.0	100.0	0.0	52.6	3
N+5	0.0	0.0	100.0	0.0	52.6	1

TABLE 233.

MIXED OAKS

DEFOLIATION HISTORY--LLLLL

YEAR	GOCC	FAIR	PCOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOCD CONDITION AFTER FCURTH YEAR OF LIGHT DEFOLIATION						
N	94.7	4.5	0.7	0.1	0.1	2108
N+1	92.1	5.8	1.8	0.3	0.4	1771
N+2	88.6	8.1	3.0	0.3	0.7	1450
N+3	86.9	9.5	3.5	0.1	0.8	1277
N+4	85.8	9.8	4.4	0.1	0.9	1046
N+5	83.2	10.9	5.9	0.0	0.9	851
FAIR CONDITION AFTER FCURTH YEAR OF LIGHT DEFOLIATION						
N	19.6	69.8	10.1	0.4	0.4	759
N+1	35.0	50.4	13.7	1.0	1.3	629
N+2	39.4	45.2	15.0	0.4	1.7	500
N+3	44.7	40.0	15.1	0.2	2.0	445
N+4	51.8	33.4	14.5	0.3	2.2	392
N+5	50.0	32.0	16.9	1.1	3.3	278
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	1.0	9.2	87.0	2.8	2.8	675
N+1	3.1	19.5	74.2	3.3	6.0	550
N+2	4.6	24.4	69.7	1.4	7.3	435
N+3	9.2	28.2	62.5	0.0	7.3	379
N+4	18.0	28.2	52.9	0.9	8.1	333
N+5	18.7	25.3	55.6	0.5	8.6	198

TABLE 234.

MIXED OAKS * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	70.1	21.1	8.4	0.4	0.4	735
N+1	72.2	18.0	6.7	3.2	3.5	571
N+2	75.4	14.7	8.0	1.9	5.4	464
N+3	69.1	18.7	11.6	0.6	6.0	337
N+4	66.4	21.8	11.5	0.4	6.3	262
N+5	69.5	17.8	12.7	0.0	6.3	236
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	9.6	66.1	22.6	1.7	1.7	177
N+1	43.8	23.4	22.6	10.2	11.7	137
N+2	43.7	22.5	23.9	9.9	20.4	71
N+3	46.9	24.5	28.6	0.0	20.4	49
N+4	60.0	15.0	25.0	0.0	20.4	40
N+5	25.0	31.3	43.8	0.0	20.4	16
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	1.4	6.8	86.3	5.5	5.5	73
N+1	2.4	2.4	63.4	31.7	35.4	41
N+2	0.0	6.7	80.0	13.3	44.1	15
N+3	0.0	25.0	75.0	0.0	44.1	8
N+4	0.0	33.3	66.7	0.0	44.1	6
N+5	25.0	25.0	50.0	0.0	44.1	4

TABLE 235.

MIXED OAKS * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	50.7	26.7	20.0	2.7	2.7	75
N+1	74.5	7.8	9.8	7.8	10.3	51
N+2	75.0	13.9	11.1	0.0	10.3	36
N+3	63.2	10.5	26.3	0.0	10.3	19
N+4	43.8	31.3	25.0	0.0	10.3	16
N+5	64.3	21.4	14.3	0.0	10.3	14
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	18.2	36.4	40.9	4.5	4.5	22
N+1	45.5	27.3	27.3	0.0	4.5	11
N+2	44.4	22.2	22.2	11.1	15.2	9
N+3	0.0	0.0	100.0	0.0	15.2	3
N+4	0.0	0.0	66.7	33.3	43.4	3
N+5	0.0	0.0	100.0	0.0	43.4	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	20.0	80.0	0.0	0.0	10
N+1	33.3	16.7	16.7	33.3	33.3	6
N+2	100.0	0.0	0.0	0.0	33.3	1
N+3	0.0	0.0	0.0	0.0	33.3	0
N+4	0.0	0.0	0.0	0.0	33.3	0
N+5	0.0	0.0	0.0	0.0	33.3	0

TABLE 236.

MIXED OAKS * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	85.9	12.4	1.4	0.3	0.3	355
N+1	79.3	14.1	5.3	1.3	1.5	319
N+2	76.3	15.8	6.3	1.6	3.1	253
N+3	66.1	22.6	10.2	1.1	4.1	186
N+4	56.9	30.6	12.5	0.0	4.1	144
N+5	55.3	27.3	17.4	0.0	4.1	132
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	17.3	63.5	19.2	0.0	0.0	52
N+1	31.0	35.7	33.3	0.0	0.0	42
N+2	34.3	34.3	25.7	5.7	5.7	35
N+3	39.1	30.4	30.4	0.0	5.7	23
N+4	35.3	29.4	35.3	0.0	5.7	17
N+5	23.1	38.5	38.5	0.0	5.7	13
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	9.7	90.3	0.0	0.0	31
N+1	0.0	4.5	77.3	18.2	18.2	22
N+2	0.0	25.0	66.7	8.3	25.0	12
N+3	0.0	66.7	33.3	0.0	25.0	6
N+4	0.0	50.0	50.0	0.0	25.0	4
N+5	33.3	33.3	33.3	0.0	25.0	3

TABLE 237.

MIXED OAKS * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	65.8	21.1	13.2	0.0	0.0	76
N+1	41.1	26.8	23.2	8.9	8.9	56
N+2	46.9	20.4	28.6	4.1	12.6	49
N+3	51.3	12.8	35.9	0.0	12.6	39
N+4	76.5	5.9	17.6	0.0	12.6	17
N+5	86.7	6.7	6.7	0.0	12.6	15
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	11.4	70.5	18.2	0.0	0.0	44
N+1	33.3	46.2	15.4	5.1	5.1	39
N+2	61.1	22.2	13.9	2.8	7.8	36
N+3	86.2	10.3	3.4	0.0	7.8	29
N+4	0.0	100.0	0.0	0.0	7.8	2
N+5	0.0	50.0	50.0	0.0	7.8	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	22.2	77.8	0.0	0.0	9
N+1	20.0	0.0	60.0	20.0	20.0	5
N+2	25.0	0.0	50.0	25.0	40.0	4
N+3	33.3	0.0	66.7	0.0	40.0	3
N+4	0.0	0.0	0.0	0.0	40.0	0
N+5	0.0	0.0	0.0	0.0	40.0	0

TABLE 238.

MIXED OAKS * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	55.9	26.5	14.7	2.9	2.9	34
N+1	78.6	7.1	7.1	7.1	9.9	28
N+2	78.9	5.3	15.8	0.0	9.9	19
N+3	40.0	20.0	40.0	0.0	9.9	5
N+4	0.0	50.0	50.0	0.0	9.9	4
N+5	0.0	66.7	33.3	0.0	9.9	3
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	25.0	31.3	43.8	0.0	0.0	16
N+1	50.0	30.0	20.0	0.0	0.0	10
N+2	37.5	37.5	25.0	0.0	0.0	8
N+3	0.0	0.0	100.0	0.0	0.0	3
N+4	0.0	0.0	66.7	33.3	33.3	3
N+5	0.0	0.0	100.0	0.0	33.3	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	28.6	71.4	0.0	0.0	7
N+1	16.7	16.7	50.0	16.7	16.7	6
N+2	0.0	0.0	100.0	0.0	16.7	1
N+3	0.0	0.0	0.0	0.0	16.7	0
N+4	0.0	0.0	0.0	0.0	16.7	0
N+5	0.0	0.0	0.0	0.0	16.7	0

TABLE 239.

MIXED OAKS * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	97.5	2.5	0.0	0.0	0.0	406
N+1	95.8	3.6	0.6	0.0	0.0	332
N+2	92.5	5.5	2.0	0.0	0.0	254
N+3	91.4	5.0	3.6	0.0	0.0	221
N+4	90.4	4.8	4.8	0.0	0.0	187
N+5	86.8	5.1	8.1	0.0	0.0	136
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	21.7	65.2	13.0	0.0	0.0	115
N+1	43.5	43.5	13.0	0.0	0.0	92
N+2	43.1	40.3	16.7	0.0	0.0	72
N+3	55.2	28.4	16.4	0.0	0.0	67
N+4	60.0	26.7	13.3	0.0	0.0	60
N+5	56.1	24.4	19.5	0.0	0.0	41
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	10.7	89.3	0.0	0.0	75
N+1	5.0	26.7	68.3	0.0	0.0	60
N+2	8.9	33.3	57.8	0.0	0.0	45
N+3	20.5	30.8	48.7	0.0	0.0	39
N+4	31.4	37.1	31.4	0.0	0.0	35
N+5	33.3	38.9	27.8	0.0	0.0	18

TABLE 240.

MIXED OAKS * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	68.0	24.5	7.4	0.1	0.1	1556
N+1	73.4	15.5	8.5	2.5	2.7	1065
N+2	75.8	14.5	8.4	1.3	3.9	834
N+3	70.6	17.6	11.8	0.0	3.9	574
N+4	70.1	18.9	10.1	0.8	4.8	475
N+5	69.2	18.0	12.5	0.3	5.0	367
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	18.7	48.3	32.7	0.3	0.3	379
N+1	23.9	31.8	35.3	9.0	9.3	255
N+2	26.8	30.6	36.3	6.4	15.0	157
N+3	26.2	31.3	42.5	0.0	15.0	80
N+4	17.5	35.1	45.6	1.8	16.5	57
N+5	14.9	38.3	44.7	2.1	18.3	47
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	7.0	92.0	1.0	1.0	199
N+1	0.0	7.0	72.1	20.9	21.7	86
N+2	2.3	0.0	93.0	4.7	25.4	43
N+3	3.0	6.1	90.9	0.0	25.4	33
N+4	0.0	8.3	87.5	4.2	28.5	24
N+5	10.0	0.0	90.0	0.0	28.5	20

TABLE 241.

MIXED OAKS * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	56.3	24.6	17.9	1.2	1.2	341
N+1	67.8	16.8	9.8	5.6	6.7	214
N+2	75.8	8.3	12.7	3.2	9.7	157
N+3	69.2	15.4	15.4	0.0	9.7	91
N+4	70.0	16.7	10.0	3.3	12.7	60
N+5	72.5	17.5	7.5	2.5	14.9	40
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	9.6	28.8	59.6	1.9	1.9	52
N+1	19.2	19.2	34.6	26.9	28.3	26
N+2	25.0	0.0	66.7	8.3	34.3	12
N+3	75.0	0.0	25.0	0.0	34.3	4
N+4	100.0	0.0	0.0	0.0	34.3	3
N+5	0.0	0.0	0.0	0.0	34.3	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	6.9	93.1	0.0	0.0	29
N+1	0.0	5.0	70.0	25.0	25.0	20
N+2	20.0	0.0	80.0	0.0	25.0	5
N+3	33.3	0.0	66.7	0.0	25.0	3
N+4	0.0	0.0	100.0	0.0	25.0	2
N+5	0.0	0.0	100.0	0.0	25.0	2

TABLE 242.

MIXED OAKS * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--HHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	16.0	18.0	46.0	20.0	20.0	50
N+1	13.3	13.3	60.0	13.3	30.7	15
N+2	0.0	0.0	100.0	0.0	30.7	4
N+3	0.0	0.0	100.0	0.0	30.7	1
N+4	0.0	0.0	100.0	0.0	30.7	1
N+5	0.0	0.0	100.0	0.0	30.7	1
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	27.3	45.5	27.3	27.3	11
N+1	0.0	20.0	40.0	40.0	56.4	5
N+2	0.0	0.0	100.0	0.0	56.4	1
N+3	0.0	0.0	0.0	0.0	56.4	0
N+4	0.0	0.0	0.0	0.0	56.4	0
N+5	0.0	0.0	0.0	0.0	56.4	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	66.7	33.3	33.3	3
N+1	0.0	0.0	0.0	100.0	100.0	1
N+2	0.0	0.0	0.0	0.0	100.0	0
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 243.

MIXED OAKS * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	80.7	15.4	3.7	0.2	0.2	545
N+1	74.2	16.3	9.1	0.4	0.6	473
N+2	70.7	17.3	10.5	1.5	2.1	399
N+3	64.6	19.8	15.6	0.0	2.1	288
N+4	63.6	21.2	14.4	0.8	2.9	236
N+5	56.8	24.0	19.1	0.0	2.9	183
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	14.1	53.8	30.8	1.3	1.3	156
N+1	12.1	41.4	44.0	2.6	3.8	116
N+2	12.2	41.1	43.3	3.3	7.0	90
N+3	13.0	37.0	50.0	0.0	7.0	54
N+4	7.0	39.5	51.2	2.3	9.2	43
N+5	10.3	38.5	48.7	2.6	11.5	39
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	5.2	93.8	1.0	1.0	97
N+1	0.0	4.2	83.3	12.5	13.4	48
N+2	0.0	0.0	96.9	3.1	16.1	32
N+3	0.0	4.0	96.0	0.0	16.1	25
N+4	0.0	10.0	85.0	5.0	20.3	20
N+5	11.8	0.0	88.2	0.0	20.3	17

TABLE 244.

MIXED OAKS * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	57.9	21.5	19.8	0.8	0.8	121
N+1	49.3	28.2	18.3	4.2	5.0	71
N+2	64.7	23.5	9.8	2.0	6.9	51
N+3	80.6	8.3	11.1	0.0	6.9	36
N+4	70.6	11.8	17.6	0.0	6.9	17
N+5	70.6	11.8	17.6	0.0	6.9	17
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	13.9	33.3	52.8	0.0	0.0	36
N+1	18.8	43.8	37.5	0.0	0.0	16
N+2	50.0	25.0	16.7	8.3	8.3	12
N+3	60.0	40.0	0.0	0.0	8.3	5
N+4	0.0	0.0	0.0	0.0	8.3	0
N+5	0.0	0.0	0.0	0.0	8.3	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	6.7	93.3	0.0	0.0	15
N+1	0.0	20.0	80.0	0.0	0.0	5
N+2	20.0	20.0	60.0	0.0	0.0	5
N+3	0.0	0.0	100.0	0.0	0.0	2
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	100.0	0.0	0.0	1

TABLE 245.

MIXED OAKS * COMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	33.1	43.2	22.0	1.7	1.7	118
N+1	45.1	29.6	21.1	4.2	5.8	71
N+2	60.7	8.9	26.8	3.6	9.2	56
N+3	66.7	16.7	16.7	0.0	9.2	30
N+4	46.2	38.5	15.4	0.0	9.2	13
N+5	50.0	37.5	12.5	0.0	9.2	8
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	12.8	28.2	56.4	2.6	2.6	39
N+1	37.5	0.0	31.3	31.3	33.0	16
N+2	50.0	0.0	37.5	12.5	41.4	8
N+3	80.0	0.0	20.0	0.0	41.4	5
N+4	100.0	0.0	0.0	0.0	41.4	3
N+5	0.0	0.0	0.0	0.0	41.4	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	12.5	87.5	0.0	0.0	16
N+1	0.0	8.3	91.7	0.0	0.0	12
N+2	25.0	0.0	75.0	0.0	0.0	4
N+3	50.0	0.0	50.0	0.0	0.0	2
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	100.0	0.0	0.0	1

TABLE 246.

MIXED OAKS * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	94.4	4.5	1.0	0.1	0.1	803
N+1	91.8	5.4	2.3	0.4	0.6	683
N+2	87.2	8.7	4.0	0.2	0.7	578
N+3	85.0	10.7	4.3	0.0	0.7	506
N+4	83.4	12.3	4.3	0.0	0.7	416
N+5	80.9	14.9	4.3	0.0	0.7	350
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	18.1	73.4	8.1	0.4	0.4	248
N+1	35.2	52.9	11.9	0.0	0.4	210
N+2	47.3	40.8	11.8	0.0	0.4	169
N+3	52.7	38.7	8.7	0.0	0.4	150
N+4	62.6	27.5	9.9	0.0	0.4	131
N+5	60.9	27.2	8.7	3.3	3.7	92
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	1.1	7.7	90.6	0.6	0.6	181
N+1	3.2	21.5	74.7	0.6	1.2	158
N+2	4.3	23.2	71.7	0.7	1.9	138
N+3	9.8	29.3	61.0	0.0	1.9	123
N+4	20.0	29.6	50.4	0.0	1.9	115
N+5	20.6	20.6	58.8	0.0	1.9	68

TABLE 247.

MIXED OAKS * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	66.9	25.3	7.4	0.5	0.5	1059
N+1	62.0	18.5	10.5	9.0	9.4	888
N+2	63.1	18.6	12.2	6.2	15.0	650
N+3	54.5	23.0	18.2	4.4	18.7	435
N+4	56.0	24.7	17.2	2.0	20.4	348
N+5	58.1	25.4	14.7	1.8	21.8	272
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	19.8	55.8	22.7	1.7	1.7	353
N+1	29.4	24.8	26.2	19.6	20.9	286
N+2	31.6	24.7	32.3	11.4	30.0	158
N+3	44.3	25.8	26.8	3.1	32.1	97
N+4	45.9	20.3	29.7	4.1	34.9	74
N+5	39.0	14.6	41.5	4.9	38.0	41
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	2.3	5.8	85.5	6.4	6.4	173
N+1	2.6	3.4	67.2	26.7	31.4	116
N+2	7.0	1.8	70.2	21.1	45.8	57
N+3	3.8	7.7	80.8	7.7	50.0	26
N+4	0.0	11.1	77.8	11.1	55.6	18
N+5	7.1	14.3	78.6	0.0	55.6	14

TABLE 248.

MIXED OAKS * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	57.0	21.5	15.6	5.9	5.9	135
N+1	52.8	13.5	12.4	21.3	26.0	89
N+2	46.7	6.7	40.0	6.7	30.9	60
N+3	40.5	13.5	35.1	10.8	38.4	37
N+4	36.0	20.0	36.0	8.0	43.3	25
N+5	37.5	37.5	12.5	12.5	50.4	16
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	25.0	11.4	59.1	4.5	4.5	44
N+1	17.2	24.1	17.2	41.4	44.0	29
N+2	18.2	27.3	27.3	27.3	59.3	11
N+3	0.0	0.0	100.0	0.0	59.3	1
N+4	0.0	0.0	0.0	0.0	59.3	0
N+5	0.0	0.0	0.0	0.0	59.3	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	6.9	6.9	65.5	20.7	20.7	29
N+1	10.5	0.0	68.4	21.1	37.4	19
N+2	0.0	0.0	100.0	0.0	37.4	2
N+3	0.0	0.0	100.0	0.0	37.4	1
N+4	0.0	0.0	100.0	0.0	37.4	1
N+5	0.0	0.0	0.0	0.0	37.4	0

TABLE 249.

MIXED OAKS * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--HHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	28.6	14.3	42.9	14.3	14.3	21
N+1	0.0	27.3	27.3	45.5	53.2	11
N+2	20.0	0.0	60.0	20.0	62.6	5
N+3	50.0	0.0	50.0	0.0	62.6	2
N+4	100.0	0.0	0.0	0.0	62.6	1
N+5	0.0	0.0	0.0	0.0	62.6	0
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	20.0	0.0	40.0	40.0	40.0	5
N+1	0.0	0.0	33.3	66.7	80.0	3
N+2	0.0	0.0	100.0	0.0	80.0	1
N+3	0.0	0.0	100.0	0.0	80.0	1
N+4	0.0	0.0	100.0	0.0	80.0	1
N+5	0.0	0.0	0.0	0.0	80.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	3
N+1	0.0	0.0	100.0	0.0	0.0	2
N+2	0.0	0.0	100.0	0.0	0.0	2
N+3	0.0	0.0	100.0	0.0	0.0	1
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 250.

MIXED OAKS * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	73.0	21.4	5.6	0.0	0.0	426
N+1	64.2	20.6	11.1	4.1	4.1	388
N+2	63.5	22.4	9.5	4.6	8.5	304
N+3	57.4	24.9	14.2	3.6	11.8	197
N+4	58.3	26.2	13.1	2.4	13.9	168
N+5	55.6	30.5	13.9	0.0	13.9	151
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	17.1	60.2	22.8	0.0	0.0	123
N+1	20.2	32.7	34.6	12.5	12.5	104
N+2	33.3	27.5	27.5	11.6	22.6	69
N+3	44.7	23.4	29.8	2.1	24.3	47
N+4	38.9	22.2	30.6	8.3	30.6	36
N+5	36.0	24.0	40.0	0.0	30.6	25
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.9	1.9	97.2	0.0	0.0	106
N+1	1.6	6.3	74.6	17.5	17.5	63
N+2	4.9	7.3	65.9	22.0	35.6	41
N+3	5.3	10.5	84.2	0.0	35.6	19
N+4	0.0	12.5	75.0	12.5	43.6	16
N+5	7.7	15.4	76.9	0.0	43.6	13

TABLE 251.

MIXED OAKS * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	53.3	24.2	17.5	5.0	5.0	120
N+1	32.9	21.9	31.5	13.7	18.0	73
N+2	48.3	19.0	24.1	8.6	25.1	58
N+3	51.3	17.9	25.6	5.1	28.9	39
N+4	75.0	8.3	16.7	0.0	28.9	12
N+5	70.0	10.0	20.0	0.0	28.9	10
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	8.3	52.1	35.4	4.2	4.2	48
N+1	9.1	54.5	30.3	6.1	10.0	33
N+2	31.0	31.0	31.0	6.9	16.2	29
N+3	58.8	17.6	17.6	5.9	21.1	17
N+4	0.0	50.0	50.0	0.0	21.1	2
N+5	0.0	0.0	100.0	0.0	21.1	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	92.3	7.7	7.7	13
N+1	0.0	0.0	50.0	50.0	53.8	4
N+2	0.0	0.0	100.0	0.0	53.8	2
N+3	0.0	0.0	0.0	0.0	53.8	0
N+4	0.0	0.0	0.0	0.0	53.8	0
N+5	0.0	0.0	0.0	0.0	53.8	0

TABLE 252.

MIXED OAKS * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	60.0	23.6	9.1	7.3	7.3	55
N+1	62.2	8.9	11.1	17.8	23.8	45
N+2	67.9	10.7	17.9	3.6	26.5	28
N+3	37.5	12.5	25.0	25.0	44.9	8
N+4	16.7	33.3	50.0	0.0	44.9	6
N+5	0.0	80.0	20.0	0.0	44.9	5
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	17.9	21.4	42.9	17.9	17.9	28
N+1	22.2	27.8	22.2	27.8	40.7	18
N+2	33.3	33.3	11.1	22.2	53.9	9
N+3	0.0	0.0	100.0	0.0	53.9	1
N+4	0.0	0.0	100.0	0.0	53.9	1
N+5	0.0	0.0	0.0	0.0	53.9	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	3.8	7.7	84.6	3.8	3.8	26
N+1	5.6	5.6	72.2	16.7	19.9	18
N+2	0.0	0.0	100.0	0.0	19.9	1
N+3	0.0	0.0	100.0	0.0	19.9	1
N+4	0.0	0.0	100.0	0.0	19.9	1
N+5	0.0	0.0	0.0	0.0	19.9	0

TABLE 253.

MIXED OAKS * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	93.2	6.2	0.4	0.2	0.2	483
N+1	89.5	9.0	1.3	0.3	0.5	399
N+2	87.1	10.1	2.2	0.6	1.1	317
N+3	86.1	10.2	3.3	0.4	1.4	274
N+4	85.5	8.4	5.6	0.5	1.9	214
N+5	83.6	7.3	9.0	0.0	1.9	177
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	19.1	71.1	9.8	0.0	0.0	173
N+1	39.7	40.4	18.5	1.4	1.4	146
N+2	40.5	41.4	18.1	0.0	1.4	116
N+3	43.6	35.1	21.3	0.0	1.4	94
N+4	55.2	24.1	20.7	0.0	1.4	87
N+5	50.0	27.4	22.6	0.0	1.4	62
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.7	11.0	82.1	6.2	6.2	145
N+1	3.9	21.6	69.6	4.9	10.8	102
N+2	6.6	23.7	65.8	3.9	14.3	76
N+3	9.7	32.3	58.1	0.0	14.3	62
N+4	25.0	31.3	43.8	0.0	14.3	48
N+5	26.1	21.7	47.8	4.3	18.1	23

TABLE 254.

MIXED OAKS * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	61.9	30.1	7.3	0.8	0.8	396
N+1	55.5	19.1	11.7	13.7	14.4	299
N+2	62.6	18.4	12.1	6.8	20.2	190
N+3	53.8	26.5	17.4	2.3	22.0	132
N+4	51.4	27.6	19.0	1.9	23.5	105
N+5	61.9	19.0	17.9	1.2	24.4	84
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	15.5	45.2	38.1	1.3	1.3	155
N+1	17.4	22.9	40.4	19.3	20.3	109
N+2	22.6	21.0	38.7	17.7	34.4	62
N+3	27.3	45.5	27.3	0.0	34.4	22
N+4	17.6	35.3	41.2	5.9	38.3	17
N+5	26.7	40.0	33.3	0.0	38.3	15
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	3.1	5.2	89.7	2.1	2.1	97
N+1	1.6	6.6	55.7	36.1	37.4	61
N+2	0.0	3.6	82.1	14.3	46.3	28
N+3	0.0	0.0	92.9	7.1	50.2	14
N+4	12.5	0.0	87.5	0.0	50.2	8
N+5	14.3	0.0	85.7	0.0	50.2	7

TABLE 255.

MIXED OAKS * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	44.7	32.9	16.5	5.9	5.9	85
N+1	42.4	16.9	20.3	20.3	25.0	59
N+2	55.0	12.5	25.0	7.5	30.6	40
N+3	68.2	9.1	22.7	0.0	30.6	22
N+4	56.3	18.8	25.0	0.0	30.6	16
N+5	75.0	0.0	16.7	8.3	36.4	12
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	10.7	21.4	50.0	17.9	17.9	28
N+1	16.7	8.3	25.0	50.0	58.9	12
N+2	40.0	0.0	40.0	20.0	67.1	5
N+3	66.7	0.0	33.3	0.0	67.1	3
N+4	0.0	100.0	0.0	0.0	67.1	1
N+5	0.0	100.0	0.0	0.0	67.1	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	21.1	68.4	10.5	10.5	19
N+1	0.0	0.0	54.5	45.5	51.2	11
N+2	0.0	0.0	50.0	50.0	75.6	4
N+3	0.0	0.0	100.0	0.0	75.6	1
N+4	0.0	0.0	0.0	0.0	75.6	0
N+5	0.0	0.0	0.0	0.0	75.6	0

TABLE 256.

MIXED OAKS * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	74.3	24.8	0.9	0.0	0.0	109
N+1	62.4	23.7	8.6	5.4	5.4	93
N+2	60.8	25.3	10.1	3.8	9.0	79
N+3	43.9	29.8	21.1	5.3	13.8	57
N+4	39.0	29.3	31.7	0.0	13.8	41
N+5	41.7	30.6	27.8	0.0	13.8	36
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	16.1	41.9	41.9	0.0	0.0	62
N+1	9.8	31.7	56.1	2.4	2.4	41
N+2	15.6	31.3	43.8	9.4	11.6	32
N+3	16.7	58.3	25.0	0.0	11.6	12
N+4	18.2	45.5	36.4	0.0	11.6	11
N+5	20.0	40.0	40.0	0.0	11.6	10
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	1.6	1.6	93.4	3.3	3.3	61
N+1	0.0	0.0	70.6	29.4	31.7	34
N+2	0.0	0.0	94.1	5.9	35.7	17
N+3	0.0	0.0	91.7	8.3	41.1	12
N+4	12.5	0.0	87.5	0.0	41.1	8
N+5	16.7	0.0	83.3	0.0	41.1	6

TABLE 257.

MIXED OAKS * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	32.6	37.0	28.3	2.2	2.2	46
N+1	11.5	26.9	53.8	7.7	9.7	26
N+2	27.3	9.1	45.5	18.2	26.1	11
N+3	50.0	33.3	16.7	0.0	26.1	6
N+4	100.0	0.0	0.0	0.0	26.1	1
N+5	100.0	0.0	0.0	0.0	26.1	1
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	10.5	10.5	68.4	10.5	10.5	19
N+1	0.0	20.0	40.0	40.0	46.3	5
N+2	0.0	33.3	33.3	33.3	54.2	3
N+3	0.0	100.0	0.0	0.0	64.2	1
N+4	0.0	0.0	0.0	0.0	64.2	0
N+5	0.0	0.0	0.0	0.0	64.2	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	6
N+1	0.0	100.0	0.0	0.0	0.0	1
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 258.

MIXED OAKS * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	29.0	45.2	16.1	9.7	9.7	31
N+1	46.2	19.2	19.2	15.4	23.6	26
N+2	61.9	14.3	19.0	4.8	27.2	21
N+3	77.8	11.1	11.1	0.0	27.2	9
N+4	71.4	28.6	0.0	0.0	27.2	7
N+5	71.4	0.0	14.3	14.3	37.6	7
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	5.9	41.2	41.2	11.8	11.8	17
N+1	20.0	20.0	50.0	10.0	20.6	10
N+2	25.0	0.0	75.0	0.0	20.6	4
N+3	33.3	0.0	66.7	0.0	20.6	3
N+4	0.0	100.0	0.0	0.0	20.6	1
N+5	0.0	100.0	0.0	0.0	20.6	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	18.8	75.0	6.3	6.3	16
N+1	0.0	0.0	62.5	37.5	41.4	8
N+2	0.0	0.0	33.3	66.7	80.5	3
N+3	0.0	0.0	0.0	0.0	80.5	0
N+4	0.0	0.0	0.0	0.0	80.5	0
N+5	0.0	0.0	0.0	0.0	80.5	0

TABLE 259.

MIXED OAKS * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	98.0	1.5	0.5	0.0	0.0	204
N+1	97.7	1.7	0.6	0.0	0.0	177
N+2	95.2	3.4	1.4	0.0	0.0	146
N+3	94.9	4.3	0.7	0.0	0.0	138
N+4	96.6	3.4	0.0	0.0	0.0	117
N+5	94.8	4.1	1.0	0.0	0.0	97
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	32.0	62.7	4.0	1.3	1.3	75
N+1	44.6	50.0	5.4	0.0	1.3	56
N+2	46.5	44.2	9.3	0.0	1.3	43
N+3	57.5	35.0	5.0	2.5	3.8	40
N+4	56.7	36.7	6.7	0.0	3.8	30
N+5	59.1	36.4	4.5	0.0	3.8	22
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	1.9	15.4	78.8	3.8	3.8	52
N+1	5.6	25.0	66.7	2.8	6.5	36
N+2	6.7	36.7	56.7	0.0	6.5	30
N+3	8.0	48.0	44.0	0.0	6.5	25
N+4	17.4	30.4	47.8	4.3	10.6	23
N+5	35.7	28.6	35.7	0.0	10.6	14

TABLE 260.

MIXED OAKS * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	55.1	31.2	13.3	0.4	0.4	481
N+1	44.3	25.4	16.2	14.2	14.5	402
N+2	44.2	28.3	18.6	8.9	22.2	269
N+3	39.3	31.0	24.1	5.5	26.5	145
N+4	41.7	26.7	26.7	5.0	30.1	120
N+5	46.4	17.5	32.0	4.1	33.0	97
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	20.5	38.9	38.6	1.9	1.9	370
N+1	19.9	23.1	36.7	20.3	21.8	281
N+2	21.3	21.9	43.2	13.5	32.4	155
N+3	18.1	13.3	57.8	10.8	39.7	83
N+4	14.3	14.3	64.3	7.1	44.0	56
N+5	7.1	21.4	66.7	4.8	46.7	42
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	1.5	7.6	90.0	0.9	0.9	331
N+1	2.1	4.6	56.7	36.6	37.1	238
N+2	3.9	7.8	71.8	16.5	47.5	103
N+3	1.8	3.5	80.7	14.0	54.9	57
N+4	2.4	9.5	81.0	7.1	58.1	42
N+5	3.2	12.9	80.6	3.2	59.4	31

TABLE 261.

MIXED OAKS * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	49.2	23.8	22.2	4.8	4.8	63
N+1	28.9	18.4	31.6	21.1	24.8	38
N+2	44.4	7.4	37.0	11.1	33.2	27
N+3	16.7	25.0	50.0	8.3	38.7	12
N+4	14.3	28.6	28.6	28.6	56.2	7
N+5	50.0	0.0	50.0	0.0	56.2	4
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	21.3	24.6	49.2	4.9	4.9	61
N+1	2.4	21.4	26.2	50.0	52.5	42
N+2	0.0	16.7	58.3	25.0	64.3	12
N+3	0.0	33.3	33.3	33.3	76.2	6
N+4	0.0	50.0	0.0	50.0	88.1	2
N+5	0.0	100.0	0.0	0.0	88.1	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	8.7	6.5	78.3	6.5	6.5	46
N+1	10.0	0.0	36.7	53.3	56.4	30
N+2	0.0	0.0	57.1	42.9	75.1	7
N+3	0.0	25.0	75.0	0.0	75.1	4
N+4	0.0	0.0	100.0	0.0	75.1	1
N+5	0.0	0.0	100.0	0.0	75.1	1

TABLE 262.

MIXED OAKS * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	60.9	26.3	12.8	0.0	0.0	156
N+1	45.8	35.1	16.8	2.3	2.3	131
N+2	45.7	30.2	23.3	0.9	3.1	116
N+3	51.5	26.5	17.6	4.4	7.4	68
N+4	47.2	24.5	28.3	0.0	7.4	53
N+5	44.4	24.4	31.1	0.0	7.4	45
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	9.4	45.3	44.5	0.8	0.8	128
N+1	16.8	27.7	46.5	8.9	9.6	101
N+2	18.8	23.7	45.0	12.5	20.9	80
N+3	17.8	20.0	60.0	2.2	22.7	45
N+4	11.4	20.0	65.7	2.9	24.9	35
N+5	7.7	23.1	69.2	0.0	24.9	26
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	4.1	94.6	1.4	1.4	148
N+1	2.7	4.5	72.7	20.0	21.1	110
N+2	2.9	5.7	81.4	10.0	29.0	70
N+3	2.3	0.0	93.0	4.7	32.3	43
N+4	0.0	8.8	82.4	8.8	38.3	34
N+5	0.0	14.8	81.5	3.7	40.5	27

TABLE 263.

MIXED OAKS * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	21.3	34.0	40.4	4.3	4.3	47
N+1	13.8	31.0	37.9	17.2	20.8	29
N+2	23.5	29.4	41.2	5.9	25.4	17
N+3	27.3	9.1	36.4	27.3	45.8	11
N+4	40.0	0.0	40.0	20.0	56.6	5
N+5	33.3	0.0	66.7	0.0	56.6	3
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	2.7	16.2	73.0	8.1	8.1	37
N+1	0.0	11.8	52.9	35.3	40.5	17
N+2	0.0	16.7	66.7	16.7	50.5	6
N+3	33.3	0.0	66.7	0.0	50.5	3
N+4	0.0	0.0	100.0	0.0	50.5	2
N+5	0.0	0.0	100.0	0.0	50.5	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	13
N+1	0.0	0.0	50.0	50.0	50.0	4
N+2	0.0	0.0	100.0	0.0	50.0	2
N+3	0.0	0.0	100.0	0.0	50.0	2
N+4	0.0	0.0	100.0	0.0	50.0	1
N+5	0.0	0.0	100.0	0.0	50.0	1

TABLE 264.

MIXED OAKS * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	48.3	20.7	27.6	3.4	3.4	29
N+1	27.3	31.8	31.8	9.1	12.2	22
N+2	44.4	22.2	33.3	0.0	12.2	18
N+3	50.0	0.0	50.0	0.0	12.2	6
N+4	50.0	0.0	25.0	25.0	34.2	4
N+5	50.0	0.0	50.0	0.0	34.2	2
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	6.7	30.0	56.7	6.7	6.7	30
N+1	0.0	20.0	35.0	45.0	48.7	20
N+2	0.0	14.3	42.9	42.9	70.7	7
N+3	0.0	100.0	0.0	0.0	70.7	1
N+4	0.0	0.0	0.0	0.0	70.7	0
N+5	0.0	0.0	0.0	0.0	70.7	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	3.7	88.9	7.4	7.4	27
N+1	0.0	0.0	62.5	37.5	42.1	16
N+2	0.0	0.0	33.3	66.7	80.7	3
N+3	0.0	0.0	0.0	0.0	80.7	0
N+4	0.0	0.0	0.0	0.0	80.7	0
N+5	0.0	0.0	0.0	0.0	80.7	0

TABLE 265.

MIXED OAKS * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	91.0	6.9	1.6	0.5	0.5	189
N+1	88.0	7.6	3.8	0.6	1.2	158
N+2	85.6	10.1	3.6	0.7	1.9	139
N+3	82.1	13.8	4.1	0.0	1.9	123
N+4	78.4	14.4	7.2	0.0	1.9	97
N+5	77.2	13.9	8.9	0.0	1.9	79
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	16.4	67.2	15.6	0.8	0.8	128
N+1	20.0	61.0	16.2	2.9	3.6	105
N+2	20.7	58.5	19.5	1.2	4.8	82
N+3	22.1	51.9	26.0	0.0	4.8	77
N+4	26.9	49.3	22.4	1.5	6.2	67
N+5	29.4	41.2	29.4	0.0	6.2	51
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	1.5	6.9	88.2	3.4	3.4	204
N+1	1.7	12.4	79.8	6.2	9.4	178
N+2	2.3	19.8	76.3	1.5	10.8	131
N+3	6.1	20.0	73.9	0.0	10.8	115
N+4	8.2	21.6	68.0	2.1	12.6	97
N+5	9.0	26.9	64.2	0.0	12.6	67

TABLE 266.

MIXED OAKS * SUPPRESSED * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	50.8	41.0	8.2	0.0	0.0	61
N+1	58.8	29.4	7.8	3.9	3.9	51
N+2	65.8	23.7	5.3	5.3	9.0	38
N+3	31.8	54.5	13.6	0.0	9.0	22
N+4	55.6	38.9	5.6	0.0	9.0	18
N+5	46.7	46.7	6.7	0.0	9.0	15
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	8.9	44.4	46.7	0.0	0.0	45
N+1	6.5	29.0	48.4	16.1	16.1	31
N+2	5.3	36.8	52.6	5.3	20.5	19
N+3	14.3	28.6	57.1	0.0	20.5	7
N+4	16.7	16.7	66.7	0.0	20.5	6
N+5	0.0	20.0	80.0	0.0	20.5	5
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	11.5	80.8	7.7	7.7	26
N+1	0.0	7.1	64.3	28.6	34.1	14
N+2	0.0	12.5	62.5	25.0	50.5	8
N+3	0.0	40.0	60.0	0.0	50.5	5
N+4	0.0	25.0	75.0	0.0	50.5	4
N+5	0.0	0.0	100.0	0.0	50.5	3

TABLE 267.

MIXED OAKS * SUPPRESSED * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	56.5	34.8	8.7	0.0	0.0	23
N+1	50.0	40.0	10.0	0.0	0.0	20
N+2	61.1	27.8	5.6	5.6	5.6	18
N+3	60.0	40.0	0.0	0.0	5.6	10
N+4	50.0	50.0	0.0	0.0	5.6	8
N+5	37.5	62.5	0.0	0.0	5.6	8
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	47.8	52.2	0.0	0.0	23
N+1	0.0	43.8	43.8	12.5	12.5	16
N+2	9.1	27.3	54.5	9.1	20.5	11
N+3	14.3	28.6	57.1	0.0	20.5	7
N+4	16.7	33.3	50.0	0.0	20.5	6
N+5	0.0	25.0	75.0	0.0	20.5	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	7.1	92.9	0.0	0.0	14
N+1	0.0	0.0	100.0	0.0	0.0	7
N+2	0.0	0.0	83.3	16.7	16.7	6
N+3	0.0	50.0	50.0	0.0	16.7	4
N+4	0.0	33.3	66.7	0.0	16.7	3
N+5	0.0	0.0	100.0	0.0	16.7	2

TABLE 268.

MIXED OAKS * SUPPRESSED * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	87.0	13.0	0.0	0.0	0.0	23
N+1	77.3	13.6	9.1	0.0	0.0	22
N+2	68.8	18.8	12.5	0.0	0.0	16
N+3	66.7	33.3	0.0	0.0	0.0	15
N+4	60.0	40.0	0.0	0.0	0.0	15
N+5	50.0	50.0	0.0	0.0	0.0	12
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	5.0	85.0	10.0	0.0	0.0	20
N+1	10.0	75.0	10.0	5.0	5.0	20
N+2	11.1	72.2	11.1	5.6	10.3	18
N+3	11.8	82.4	5.9	0.0	10.3	17
N+4	11.8	82.4	5.9	0.0	10.3	17
N+5	10.0	80.0	10.0	0.0	10.3	10
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	11.1	88.9	0.0	0.0	18
N+1	0.0	25.0	75.0	0.0	0.0	16
N+2	0.0	26.7	73.3	0.0	0.0	15
N+3	0.0	26.7	73.3	0.0	0.0	15
N+4	13.3	26.7	60.0	0.0	0.0	15
N+5	0.0	25.0	75.0	0.0	0.0	8

TABLE 269.

FOOD CLASS B

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	63.6	27.2	8.8	0.3	0.3	860
N+1	68.4	17.7	8.9	5.0	5.3	705
N+2	68.2	18.0	9.3	4.4	9.5	610
N+3	63.7	17.3	16.9	2.1	11.4	526
N+4	64.8	19.0	14.0	2.3	13.4	480
N+5	63.2	19.7	14.8	2.3	15.4	427
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	14.4	49.1	35.6	0.9	0.9	320
N+1	12.8	41.1	31.5	14.6	15.4	219
N+2	15.7	39.6	34.0	10.7	24.5	159
N+3	14.0	33.1	43.8	9.1	31.3	121
N+4	11.7	36.2	48.9	3.2	33.5	94
N+5	23.0	26.4	43.7	6.9	38.1	87
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	1.3	4.0	93.3	1.3	1.3	150
N+1	2.7	5.5	43.6	48.2	48.9	110
N+2	2.1	4.3	74.5	19.1	58.7	47
N+3	3.1	9.4	71.9	15.6	65.1	32
N+4	8.3	4.2	79.2	8.3	68.0	24
N+5	9.1	9.1	81.8	0.0	68.0	22

TABLE 270.

FOOD CLASS B

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	40.2	43.3	15.7	0.8	0.8	127
N+1	56.5	23.9	12.0	7.6	8.3	92
N+2	61.2	20.0	13.7	5.0	12.9	80
N+3	59.4	14.5	24.6	1.4	14.2	69
N+4	47.7	26.2	23.1	3.1	16.8	65
N+5	41.0	29.5	26.2	3.3	19.5	61
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	2.4	28.0	67.1	2.4	2.4	82
N+1	2.1	27.7	31.9	38.3	39.8	47
N+2	7.7	23.1	53.8	15.4	49.1	26
N+3	15.8	10.5	52.6	21.1	59.8	19
N+4	7.7	38.5	53.8	0.0	59.8	13
N+5	7.7	30.8	61.5	0.0	59.8	13
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	20
N+1	0.0	10.0	70.0	20.0	20.0	10
N+2	0.0	0.0	85.7	14.3	31.4	7
N+3	0.0	0.0	100.0	0.0	31.4	5
N+4	0.0	0.0	100.0	0.0	31.4	5
N+5	0.0	0.0	100.0	0.0	31.4	5

TABLE 271.

FOOD CLASS B

DEFOLIATION HISTORY--HHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	37.0	22.2	37.0	3.7	3.7	27
N+1	18.8	18.8	43.8	18.8	21.8	16
N+2	20.0	30.0	40.0	10.0	29.6	10
N+3	50.0	0.0	0.0	50.0	64.8	4
N+4	100.0	0.0	0.0	0.0	64.8	1
N+5	100.0	0.0	0.0	0.0	64.8	1
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	14.8	11.1	66.7	7.4	7.4	27
N+1	5.9	11.8	41.2	41.2	45.5	17
N+2	10.0	0.0	90.0	0.0	45.5	10
N+3	0.0	12.5	75.0	12.5	52.3	8
N+4	0.0	0.0	85.7	14.3	59.2	7
N+5	0.0	0.0	100.0	0.0	59.2	6
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	75.0	25.0	25.0	4
N+1	0.0	0.0	0.0	100.0	100.0	1
N+2	0.0	0.0	0.0	0.0	100.0	0
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 272.

FOOD CLASS B

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	72.3	18.6	9.1	0.0	0.0	581
N+1	65.5	18.7	11.8	4.1	4.1	466
N+2	63.3	20.0	13.0	3.6	7.6	414
N+3	65.2	17.6	15.2	2.1	9.5	330
N+4	61.9	21.5	15.1	1.5	10.9	265
N+5	60.3	21.8	16.2	1.7	12.4	234
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	8.2	59.4	31.2	1.2	1.2	170
N+1	9.4	45.3	35.0	10.3	11.3	117
N+2	8.1	43.0	40.7	8.1	18.5	86
N+3	4.7	42.2	45.3	7.8	24.9	64
N+4	2.0	36.7	59.2	2.0	26.4	49
N+5	9.8	26.8	58.5	4.9	30.0	41
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	3.2	91.6	5.3	5.3	95
N+1	1.4	2.9	54.3	41.4	44.5	70
N+2	0.0	3.2	71.0	25.8	58.8	31
N+3	0.0	10.0	75.0	15.0	65.0	20
N+4	0.0	7.7	84.6	7.7	67.7	13
N+5	0.0	10.0	90.0	0.0	67.7	10

TABLE 273.

FOOD CLASS B

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	33.3	44.4	16.7	5.6	5.6	36
N+1	42.9	35.7	14.3	7.1	12.3	14
N+2	75.0	0.0	12.5	12.5	23.3	8
N+3	85.7	0.0	14.3	0.0	23.3	7
N+4	80.0	0.0	0.0	20.0	38.6	5
N+5	100.0	0.0	0.0	0.0	38.6	4
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	7.1	35.7	50.0	7.1	7.1	14
N+1	0.0	55.6	33.3	11.1	17.5	9
N+2	0.0	25.0	75.0	0.0	17.5	4
N+3	25.0	50.0	25.0	0.0	17.5	4
N+4	50.0	0.0	50.0	0.0	17.5	2
N+5	50.0	0.0	50.0	0.0	17.5	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	100.0	0.0	0.0	0.0	2
N+1	0.0	0.0	100.0	0.0	0.0	1
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 274.

FOOD CLASS 8

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	34.2	50.0	12.3	3.5	3.5	114
N+1	68.5	19.6	8.7	3.3	6.7	92
N+2	68.4	17.1	10.5	3.9	10.3	76
N+3	64.2	14.9	20.9	0.0	10.3	67
N+4	47.2	32.1	18.9	1.9	12.0	53
N+5	42.3	32.7	21.2	3.8	15.4	52
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	36.1	52.5	11.5	11.5	61
N+1	6.3	34.4	31.3	28.1	36.4	32
N+2	10.5	26.3	42.1	21.1	49.8	19
N+3	15.4	15.4	53.8	15.4	57.5	13
N+4	0.0	50.0	50.0	0.0	57.5	8
N+5	0.0	37.5	62.5	0.0	57.5	8
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	75.0	25.0	25.0	16
N+1	0.0	0.0	87.5	12.5	34.4	8
N+2	0.0	0.0	85.7	14.3	43.7	7
N+3	0.0	0.0	100.0	0.0	43.7	4
N+4	0.0	0.0	100.0	0.0	43.7	2
N+5	0.0	0.0	100.0	0.0	43.7	2

TABLE 275.

FOOD CLASS B

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	94.2	4.3	1.4	0.1	0.1	7345
N+1	90.8	6.5	2.4	0.3	0.4	6930
N+2	85.8	8.8	4.8	0.6	1.0	6444
N+3	84.2	9.7	5.5	0.6	1.6	5998
N+4	82.5	10.9	6.1	0.4	2.0	5604
N+5	79.2	12.3	8.1	0.4	2.4	5071
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	18.6	70.6	9.9	0.9	0.9	1945
N+1	27.1	56.3	14.7	1.9	2.8	1737
N+2	30.2	47.7	20.1	2.0	4.8	1573
N+3	30.1	46.4	21.5	1.9	6.6	1411
N+4	31.1	44.0	22.5	2.3	8.8	1279
N+5	36.1	39.6	22.6	1.7	10.4	1055
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	1.4	6.8	82.6	9.2	9.2	1326
N+1	3.4	12.9	74.7	9.0	17.4	1030
N+2	5.2	18.4	68.8	7.7	23.8	832
N+3	7.3	20.1	70.2	2.4	25.6	667
N+4	9.3	25.2	62.1	3.4	28.1	580
N+5	12.9	29.3	53.3	4.5	31.4	443

TABLE 276.

FOOD CLASS 8 * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	86.4	8.8	4.8	0.0	0.0	294
N+1	83.3	8.0	4.7	4.0	4.0	275
N+2	81.4	9.3	3.7	5.6	9.4	215
N+3	81.9	10.1	6.5	1.4	10.7	138
N+4	80.5	7.8	7.8	3.9	14.2	128
N+5	72.2	13.9	12.5	1.4	15.4	72
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	12.5	58.3	25.0	4.2	4.2	24
N+1	4.8	28.6	23.8	42.9	45.2	21
N+2	8.3	41.7	33.3	16.7	54.4	12
N+3	0.0	57.1	42.9	0.0	54.4	7
N+4	14.3	28.6	57.1	0.0	54.4	7
N+5	20.0	20.0	60.0	0.0	54.4	5
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	6.3	87.5	6.3	6.3	16
N+1	0.0	12.5	25.0	62.5	64.8	8
N+2	0.0	0.0	50.0	50.0	82.4	2
N+3	0.0	0.0	100.0	0.0	82.4	1
N+4	0.0	0.0	0.0	100.0	100.0	1
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 277.

FOOD CLASS B * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	86.1	8.4	4.8	0.6	0.6	166
N+1	81.9	6.0	6.7	5.4	5.9	149
N+2	82.9	9.5	3.8	3.8	9.5	105
N+3	86.5	5.8	7.7	0.0	9.5	52
N+4	82.2	8.9	8.9	0.0	9.5	45
N+5	76.7	11.6	11.6	0.0	9.5	43
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	8.3	58.3	33.3	0.0	0.0	12
N+1	8.3	25.0	25.0	41.7	41.7	12
N+2	14.3	57.1	28.6	0.0	41.7	7
N+3	0.0	60.0	40.0	0.0	41.7	5
N+4	0.0	40.0	60.0	0.0	41.7	5
N+5	0.0	33.3	66.7	0.0	41.7	3
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	83.3	16.7	16.7	12
N+1	0.0	0.0	25.0	75.0	79.2	4
N+2	0.0	0.0	100.0	0.0	79.2	1
N+3	0.0	0.0	100.0	0.0	79.2	1
N+4	0.0	0.0	0.0	100.0	100.0	1
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 278.

FOOD CLASS 8 * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	97.1	2.2	0.7	0.0	0.0	907
N+1	95.0	3.5	1.3	0.2	0.2	858
N+2	86.5	7.3	5.7	0.5	0.7	805
N+3	85.8	7.1	6.6	0.5	1.2	763
N+4	84.7	7.0	8.1	0.1	1.4	727
N+5	76.4	11.4	11.4	0.8	2.1	666
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	22.1	67.3	9.7	0.9	0.9	113
N+1	28.6	43.8	25.7	1.9	2.8	105
N+2	34.4	33.3	30.2	2.1	4.8	96
N+3	35.6	37.8	24.4	2.2	6.9	90
N+4	40.2	28.0	29.3	2.4	9.2	82
N+5	58.5	20.8	20.8	0.0	9.2	53
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	2.0	3.0	88.1	6.9	6.9	101
N+1	3.7	7.3	75.6	13.4	19.4	82
N+2	1.6	29.7	60.9	7.8	25.7	64
N+3	1.9	35.2	61.1	1.9	27.1	54
N+4	2.1	35.4	58.3	4.2	30.1	48
N+5	10.7	57.1	28.6	3.6	32.6	28

TABLE 279.

FOOD CLASS 8 * COMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	80.0	15.8	3.9	0.2	0.2	411
N+1	80.0	11.2	5.1	3.7	4.0	375
N+2	73.8	13.5	8.7	4.0	7.8	275
N+3	65.6	16.0	17.0	1.4	9.1	212
N+4	63.5	18.2	14.8	3.4	12.2	203
N+5	67.6	17.0	13.6	1.7	13.7	176
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	15.9	55.6	23.8	4.8	4.8	63
N+1	31.1	31.1	13.3	24.4	28.0	45
N+2	31.0	27.6	20.7	20.7	42.9	29
N+3	25.0	30.0	45.0	0.0	42.9	20
N+4	23.5	29.4	35.3	11.8	49.6	17
N+5	33.3	20.0	33.3	13.3	56.4	15
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	3.0	0.0	93.9	3.0	3.0	33
N+1	4.3	0.0	39.1	56.5	57.8	23
N+2	12.5	0.0	62.5	25.0	68.4	8
N+3	25.0	0.0	75.0	0.0	68.4	4
N+4	25.0	0.0	75.0	0.0	68.4	4
N+5	25.0	0.0	75.0	0.0	68.4	4

TABLE 280.

FOOD CLASS B * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	50.0	41.2	8.8	0.0	0.0	34
N+1	75.9	10.3	3.4	10.3	10.3	29
N+2	77.8	16.7	5.6	0.0	10.3	18
N+3	77.8	5.6	16.7	0.0	10.3	18
N+4	55.6	22.2	22.2	0.0	10.3	18
N+5	50.0	33.3	16.7	0.0	10.3	18
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	9.1	36.4	54.5	0.0	0.0	11
N+1	25.0	0.0	25.0	50.0	50.0	8
N+2	0.0	0.0	100.0	0.0	50.0	2
N+3	0.0	0.0	100.0	0.0	50.0	2
N+4	0.0	0.0	100.0	0.0	50.0	2
N+5	0.0	0.0	100.0	0.0	50.0	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	3
N+1	0.0	0.0	50.0	50.0	50.0	2
N+2	0.0	0.0	100.0	0.0	50.0	1
N+3	0.0	0.0	100.0	0.0	50.0	1
N+4	0.0	0.0	100.0	0.0	50.0	1
N+5	0.0	0.0	100.0	0.0	50.0	1

TABLE 281.

FOOD CLASS B * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	82.2	10.3	7.1	0.4	0.4	253
N+1	74.8	13.3	8.0	4.0	4.4	226
N+2	66.7	17.4	13.3	2.6	6.8	195
N+3	62.3	20.5	15.8	1.4	8.1	146
N+4	61.5	22.3	13.8	2.3	10.2	130
N+5	70.4	15.7	12.2	1.7	11.8	115
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	14.7	52.9	32.4	0.0	0.0	34
N+1	34.5	24.1	24.1	17.2	17.2	29
N+2	27.3	27.3	18.2	27.3	39.8	22
N+3	16.7	25.0	58.3	0.0	39.8	12
N+4	22.2	22.2	33.3	22.2	53.2	9
N+5	33.3	16.7	33.3	16.7	61.0	6
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	28
N+1	0.0	0.0	47.4	52.6	52.6	19
N+2	0.0	0.0	66.7	33.3	68.4	6
N+3	0.0	0.0	100.0	0.0	68.4	2
N+4	0.0	0.0	100.0	0.0	68.4	2
N+5	0.0	0.0	100.0	0.0	68.4	2

TABLE 282.

FCCD CLASS B * COMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	56.8	35.1	2.7	5.4	5.4	37
N+1	77.8	11.1	11.1	0.0	5.4	18
N+2	75.0	12.5	6.3	6.3	11.3	16
N+3	21.4	28.6	50.0	0.0	11.3	14
N+4	15.4	30.8	46.2	7.7	18.1	13
N+5	16.7	33.3	50.0	0.0	18.1	12
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	25.0	75.0	0.0	0.0	0.0	4
N+1	0.0	100.0	0.0	0.0	0.0	3
N+2	0.0	66.7	33.3	0.0	0.0	3
N+3	0.0	66.7	33.3	0.0	0.0	3
N+4	0.0	33.3	66.7	0.0	0.0	3
N+5	0.0	33.3	66.7	0.0	0.0	3
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 283.

FCOD CLASS B * COMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LHH

YEAR	GOCD	FAIR	PCOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GCOD CCNDITION BEFCRE FIRST HEAVY DEFOLIATION						
N	31.4	54.3	8.6	5.7	5.7	35
N+1	82.8	6.9	3.4	6.9	12.2	29
N+2	78.9	15.8	5.3	0.0	12.2	19
N+3	73.7	10.5	15.8	0.0	12.2	19
N+4	50.0	33.3	16.7	0.0	12.2	12
N+5	50.0	41.7	8.3	0.0	12.2	12
FAIR CCNDITION BEFCRE FIRST HEAVY DEFOLIATION						
N	12.5	50.0	37.5	0.0	0.0	8
N+1	40.0	0.0	0.0	60.0	60.0	5
N+2	0.0	0.0	0.0	0.0	60.0	C
N+3	0.0	0.0	0.0	0.0	60.0	C
N+4	0.0	0.0	0.0	0.0	60.0	C
N+5	0.0	0.0	0.0	0.0	60.0	C
PCOR CCNDITION BEFCRE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	4
N+1	0.0	0.0	66.7	33.3	33.3	3
N+2	0.0	0.0	100.0	0.0	33.3	2
N+3	0.0	0.0	100.0	0.0	33.3	1
N+4	0.0	0.0	100.0	0.0	33.3	1
N+5	0.0	0.0	100.0	0.0	33.3	1

TABLE 284.

FOOD CLASS 8 * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	95.3	3.3	1.3	0.1	0.1	2723
N+1	93.0	4.2	2.7	0.2	0.3	2527
N+2	86.7	7.1	5.7	0.6	0.8	2354
N+3	85.4	7.6	6.7	0.3	1.1	2197
N+4	84.6	8.1	7.1	0.2	1.4	2038
N+5	80.1	10.3	9.3	0.3	1.7	1854
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	19.5	66.8	13.2	0.5	0.5	394
N+1	30.1	48.9	18.5	2.5	3.0	356
N+2	40.2	34.6	22.7	2.5	5.4	321
N+3	41.4	32.1	24.8	1.7	7.1	290
N+4	46.4	26.2	23.8	3.6	10.4	252
N+5	52.5	25.2	19.8	2.5	12.6	202
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.9	3.7	88.5	6.9	6.9	347
N+1	3.0	10.2	77.8	9.0	15.3	266
N+2	11.7	20.3	57.7	10.4	24.1	222
N+3	15.5	25.9	58.0	0.6	24.5	174
N+4	18.7	28.5	49.6	3.3	27.0	123
N+5	30.6	27.6	32.7	9.2	33.7	98

TABLE 285.

FOOD CLASS B * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	79.5	15.8	4.2	0.4	0.4	448
N+1	78.1	12.0	3.9	6.0	6.4	383
N+2	69.7	15.3	5.7	9.3	15.2	300
N+3	67.6	18.8	9.9	3.8	18.3	213
N+4	66.1	18.3	8.6	7.0	24.1	186
N+5	65.9	19.0	12.7	2.4	25.9	126
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	22.7	46.4	27.8	3.1	3.1	97
N+1	22.4	37.9	17.2	22.4	24.8	58
N+2	27.8	36.1	30.6	5.6	29.0	36
N+3	14.3	42.9	28.6	14.3	39.1	28
N+4	5.3	52.6	42.1	0.0	39.1	19
N+5	27.8	22.2	44.4	5.6	42.5	18
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	12.1	3.0	81.8	3.0	3.0	33
N+1	12.5	0.0	41.7	45.8	47.5	24
N+2	12.5	0.0	62.5	25.0	60.6	8
N+3	0.0	0.0	100.0	0.0	60.6	5
N+4	0.0	0.0	80.0	20.0	68.5	5
N+5	0.0	0.0	100.0	0.0	68.5	4

TABLE 286.

FOOD CLASS B * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	44.2	38.5	13.5	3.8	3.8	52
N+1	65.7	17.1	5.7	11.4	14.8	35
N+2	65.2	8.7	13.0	13.0	25.9	23
N+3	57.9	15.8	21.1	5.3	29.8	19
N+4	50.0	18.8	25.0	6.3	34.2	16
N+5	42.9	28.6	21.4	7.1	38.9	14
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	7.1	35.7	57.1	0.0	0.0	28
N+1	10.5	21.1	26.3	42.1	42.1	19
N+2	28.6	14.3	57.1	0.0	42.1	7
N+3	28.6	14.3	42.9	14.3	50.4	7
N+4	0.0	60.0	40.0	0.0	50.4	5
N+5	0.0	40.0	60.0	0.0	50.4	5
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	4
N+1	0.0	0.0	100.0	0.0	0.0	3
N+2	0.0	0.0	100.0	0.0	0.0	2
N+3	0.0	0.0	100.0	0.0	0.0	1
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	100.0	0.0	0.0	1

TABLE 287.

FOOD CLASS B * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	82.4	12.8	4.8	0.0	0.0	227
N+1	82.1	10.5	3.7	3.7	3.7	190
N+2	74.4	15.2	5.5	4.9	8.4	164
N+3	73.6	18.9	6.6	0.9	9.2	106
N+4	71.1	21.7	6.0	1.2	10.3	83
N+5	65.4	20.5	12.8	1.3	11.5	78
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	23.1	55.8	21.2	0.0	0.0	52
N+1	33.3	33.3	21.2	12.1	12.1	33
N+2	16.7	41.7	33.3	8.3	19.4	24
N+3	0.0	53.3	26.7	20.0	35.6	15
N+4	0.0	63.6	36.4	0.0	35.6	11
N+5	40.0	10.0	50.0	0.0	35.6	10
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	19.0	9.5	61.9	9.5	9.5	21
N+1	15.4	0.0	38.5	46.2	51.3	13
N+2	20.0	0.0	40.0	40.0	70.8	5
N+3	0.0	0.0	100.0	0.0	70.8	3
N+4	0.0	0.0	100.0	0.0	70.8	2
N+5	0.0	0.0	100.0	0.0	70.8	1

TABLE 288.

FCOD CLASS B * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--HLH

YEAR	GOCD	FAIR	PCOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GCCD CCNDITION BEFCRE FIRST HEAVY DEFOLIATION						
N	57.7	23.1	11.5	7.7	7.7	26
N+1	50.0	40.0	0.0	10.0	16.9	1C
N+2	100.0	0.0	0.0	0.0	16.9	6
N+3	83.3	16.7	0.0	0.0	16.9	6
N+4	25.0	25.0	0.0	50.0	58.5	4
N+5	100.0	0.0	0.0	0.0	58.5	1
FAIR CCNDITION BEFCRE FIRST HEAVY DEFOLIATION						
N	0.0	66.7	33.3	0.0	0.0	3
N+1	0.0	33.3	66.7	0.0	0.0	3
N+2	0.0	0.0	100.0	0.0	0.0	1
N+3	0.0	100.0	0.0	0.0	0.0	1
N+4	0.0	0.0	0.0	0.0	0.0	C
N+5	0.0	0.0	0.0	0.0	0.0	C
PCOR CCNDITION BEFCRE FIRST HEAVY DEFOLIATION						
N	100.0	0.0	0.0	0.0	0.0	1
N+1	0.0	100.0	0.0	0.0	0.0	1
N+2	0.0	0.0	100.0	0.0	0.0	1
N+3	0.0	0.0	100.0	0.0	0.0	1
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	100.0	0.0	0.0	1

TABLE 289.

FOOD CLASS B * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	42.5	42.5	7.5	7.5	7.5	40
N+1	75.9	13.8	3.4	6.9	13.9	29
N+2	73.7	5.3	5.3	15.8	27.5	19
N+3	66.7	13.3	13.3	6.7	32.3	15
N+4	58.3	25.0	16.7	0.0	32.3	12
N+5	50.0	33.3	8.3	8.3	38.0	12
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	52.9	41.2	5.9	5.9	17
N+1	16.7	25.0	25.0	33.3	37.3	12
N+2	40.0	20.0	40.0	0.0	37.3	5
N+3	40.0	20.0	40.0	0.0	37.3	5
N+4	0.0	75.0	25.0	0.0	37.3	4
N+5	0.0	50.0	50.0	0.0	37.3	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	3
N+1	0.0	0.0	100.0	0.0	0.0	2
N+2	0.0	0.0	100.0	0.0	0.0	1
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 290.

FOOD CLASS B * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	92.9	5.7	1.2	0.3	0.3	1451
N+1	88.6	8.2	2.7	0.5	0.8	1340
N+2	82.1	12.2	5.2	0.5	1.3	1222
N+3	79.2	13.8	6.4	0.6	1.9	1143
N+4	77.1	15.0	7.1	0.8	2.6	1053
N+5	72.8	16.8	9.9	0.5	3.1	944
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	19.0	68.4	11.2	1.4	1.4	421
N+1	24.7	55.8	16.7	2.8	4.2	389
N+2	29.1	44.9	22.6	3.4	7.5	350
N+3	32.9	40.3	22.9	3.9	11.1	310
N+4	30.4	44.1	22.6	3.0	13.7	270
N+5	35.1	41.7	20.6	2.6	16.0	228
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.8	4.1	83.7	11.4	11.4	246
N+1	2.2	10.1	75.3	12.4	22.3	178
N+2	3.7	15.6	68.9	11.9	31.5	135
N+3	6.5	17.8	72.9	2.8	33.5	107
N+4	10.8	19.3	66.3	3.6	35.9	83
N+5	11.9	23.7	55.9	8.5	41.3	59

TABLE 291.

FOOD CLASS 8 * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	69.3	24.3	6.3	0.0	0.0	189
N+1	75.0	16.9	2.5	5.6	5.6	160
N+2	68.3	23.3	5.0	3.3	8.8	120
N+3	58.1	17.2	23.7	1.1	9.8	93
N+4	58.4	15.7	24.7	1.1	10.8	89
N+5	55.0	15.0	28.7	1.2	11.9	80
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	15.6	62.2	22.2	0.0	0.0	45
N+1	30.0	36.7	26.7	6.7	6.7	30
N+2	13.3	33.3	40.0	13.3	19.1	15
N+3	0.0	20.0	60.0	20.0	35.3	10
N+4	0.0	14.3	71.4	14.3	44.5	7
N+5	0.0	20.0	60.0	20.0	55.6	5
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	92.9	7.1	7.1	14
N+1	10.0	0.0	20.0	70.0	72.1	10
N+2	0.0	0.0	50.0	50.0	86.1	2
N+3	0.0	0.0	0.0	100.0	100.0	1
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 292.

FOOD CLASS B * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	51.9	40.7	7.4	0.0	0.0	27
N+1	76.2	14.3	4.8	4.8	4.8	21
N+2	70.0	20.0	10.0	0.0	4.8	10
N+3	50.0	12.5	37.5	0.0	4.8	8
N+4	37.5	25.0	37.5	0.0	4.8	8
N+5	37.5	12.5	50.0	0.0	4.8	8
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	60.0	40.0	0.0	0.0	10
N+1	28.6	28.6	14.3	28.6	28.6	7
N+2	0.0	50.0	50.0	0.0	28.6	2
N+3	0.0	0.0	100.0	0.0	28.6	2
N+4	0.0	0.0	100.0	0.0	28.6	2
N+5	0.0	0.0	100.0	0.0	28.6	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	1
N+1	0.0	0.0	100.0	0.0	0.0	1
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 293.

FOOD CLASS B * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	80.4	8.8	10.8	0.0	0.0	102
N+1	73.3	16.3	4.7	5.8	5.8	86
N+2	71.6	18.9	6.8	2.7	8.4	74
N+3	70.2	15.8	12.3	1.8	10.0	57
N+4	68.2	15.9	15.9	0.0	10.0	44
N+5	61.5	17.9	17.9	2.6	12.3	39
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	13.6	63.6	22.7	0.0	0.0	22
N+1	33.3	20.0	40.0	6.7	6.7	15
N+2	0.0	37.5	50.0	12.5	18.3	8
N+3	0.0	33.3	50.0	16.7	31.9	6
N+4	0.0	20.0	60.0	20.0	45.6	5
N+5	0.0	33.3	66.7	0.0	45.6	3
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	8
N+1	14.3	0.0	14.3	71.4	71.4	7
N+2	0.0	0.0	100.0	0.0	71.4	1
N+3	0.0	0.0	0.0	100.0	100.0	1
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 294.

FCOD CLASS B * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	57.1	35.7	7.1	0.0	0.0	28
N+1	50.0	50.0	0.0	0.0	0.0	10
N+2	33.3	44.4	22.2	0.0	0.0	9
N+3	12.5	12.5	75.0	0.0	0.0	8
N+4	12.5	12.5	75.0	0.0	0.0	8
N+5	12.5	12.5	75.0	0.0	0.0	8
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	40.0	50.0	10.0	0.0	0.0	10
N+1	30.0	50.0	10.0	10.0	10.0	10
N+2	28.6	42.9	14.3	14.3	22.9	7
N+3	0.0	33.3	66.7	0.0	22.9	6
N+4	0.0	33.3	66.7	0.0	22.9	6
N+5	0.0	50.0	50.0	0.0	22.9	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	C
N+1	0.0	0.0	0.0	0.0	0.0	C
N+2	0.0	0.0	0.0	0.0	0.0	C
N+3	0.0	0.0	0.0	0.0	0.0	C
N+4	0.0	0.0	0.0	0.0	0.0	C
N+5	0.0	0.0	0.0	0.0	0.0	C

TABLE 295.

FOOD CLASS B * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	50.0	42.9	3.6	3.6	3.6	28
N+1	77.3	18.2	0.0	4.5	8.0	22
N+2	75.0	16.7	8.3	0.0	8.0	12
N+3	60.0	10.0	30.0	0.0	8.0	10
N+4	37.5	25.0	37.5	0.0	8.0	8
N+5	37.5	12.5	50.0	0.0	8.0	8
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	70.0	30.0	0.0	0.0	10
N+1	25.0	25.0	25.0	25.0	25.0	8
N+2	0.0	50.0	50.0	0.0	25.0	2
N+3	0.0	0.0	100.0	0.0	25.0	2
N+4	0.0	0.0	100.0	0.0	25.0	2
N+5	0.0	0.0	100.0	0.0	25.0	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	1
N+1	0.0	0.0	100.0	0.0	0.0	1
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 296.

FOOD CLASS B * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	91.4	5.1	3.1	0.3	0.3	1146
N+1	89.8	6.2	3.1	0.9	1.2	1048
N+2	85.4	8.4	4.8	1.3	2.5	975
N+3	83.0	10.6	5.6	0.8	3.3	894
N+4	82.0	11.5	5.8	0.7	4.0	834
N+5	80.1	13.5	6.0	0.4	4.4	770
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	15.6	71.4	10.7	2.3	2.3	262
N+1	30.8	53.1	12.9	3.1	5.3	224
N+2	40.1	40.6	16.2	3.0	8.2	197
N+3	34.5	43.5	20.2	1.8	9.9	168
N+4	38.4	37.0	22.6	2.1	11.7	146
N+5	43.5	28.2	25.0	3.2	14.6	124
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	7.0	81.7	11.3	11.3	186
N+1	2.9	16.7	71.0	9.4	19.6	138
N+2	6.3	22.3	67.0	4.5	23.2	112
N+3	6.8	23.3	66.0	3.9	26.2	103
N+4	7.4	33.0	55.3	4.3	29.4	94
N+5	15.9	23.2	58.0	2.9	31.4	69

TABLE 297.

FOOD CLASS B * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	64.4	25.4	9.1	1.2	1.2	331
N+1	63.0	17.7	9.8	9.4	10.5	265
N+2	63.3	20.5	11.6	4.7	14.7	215
N+3	57.8	21.7	17.2	3.3	17.5	180
N+4	64.7	22.4	10.3	2.6	19.6	156
N+5	65.7	21.0	12.6	0.7	20.2	143
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	12.9	47.8	38.8	0.6	0.6	178
N+1	16.7	37.1	32.6	13.6	14.1	132
N+2	17.3	37.8	29.6	15.3	27.3	98
N+3	14.3	33.3	42.9	9.5	34.2	63
N+4	12.5	39.6	45.8	2.1	35.6	48
N+5	22.7	27.3	47.7	2.3	37.0	44
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	1.2	5.8	91.9	1.2	1.2	86
N+1	1.6	8.1	43.5	46.8	47.4	62
N+2	0.0	7.1	67.9	25.0	60.5	28
N+3	0.0	16.7	61.1	22.2	69.3	18
N+4	8.3	8.3	83.3	0.0	69.3	12
N+5	8.3	8.3	83.3	0.0	69.3	12

TABLE 298.

FOOD CLASS B * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--HH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	33.3	35.6	24.4	6.7	6.7	45
N+1	35.3	32.4	17.6	14.7	20.4	34
N+2	42.3	30.8	19.2	7.7	26.5	26
N+3	47.4	21.1	26.3	5.3	30.4	19
N+4	50.0	27.8	16.7	5.6	34.3	18
N+5	37.5	37.5	25.0	0.0	34.3	16
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	25.6	69.2	5.1	5.1	39
N+1	0.0	33.3	28.6	38.1	41.3	21
N+2	0.0	25.0	41.7	33.3	60.8	12
N+3	0.0	16.7	33.3	50.0	80.4	6
N+4	0.0	50.0	50.0	0.0	80.4	2
N+5	0.0	50.0	50.0	0.0	80.4	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	14
N+1	0.0	16.7	66.7	16.7	16.7	6
N+2	0.0	0.0	75.0	25.0	37.5	4
N+3	0.0	0.0	100.0	0.0	37.5	3
N+4	0.0	0.0	100.0	0.0	37.5	3
N+5	0.0	0.0	100.0	0.0	37.5	3

TABLE 299.

FOOD CLASS B * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	70.4	23.8	5.8	0.0	0.0	206
N+1	65.6	18.5	10.2	5.7	5.7	157
N+2	65.7	18.7	13.4	2.2	7.8	134
N+3	67.0	15.6	14.7	2.8	10.4	109
N+4	62.2	23.2	12.2	2.4	12.6	82
N+5	59.7	25.0	15.3	0.0	12.6	72
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	10.7	53.4	34.0	1.9	1.9	103
N+1	14.9	45.9	29.7	9.5	11.2	74
N+2	17.9	37.5	35.7	8.9	19.1	56
N+3	8.1	43.2	43.2	5.4	23.5	37
N+4	3.7	33.3	63.0	0.0	23.5	27
N+5	0.0	26.1	69.6	4.3	26.8	23
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	6.1	87.8	6.1	6.1	49
N+1	0.0	8.3	61.1	30.6	34.8	36
N+2	0.0	5.6	61.1	33.3	56.5	18
N+3	0.0	20.0	60.0	20.0	65.2	10
N+4	0.0	14.3	85.7	0.0	65.2	7
N+5	0.0	16.7	83.3	0.0	65.2	6

TABLE 300.

FOOD CLASS B * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LHH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	36.6	31.7	22.0	9.8	9.8	41
N+1	57.1	28.6	11.4	2.9	12.3	35
N+2	56.5	26.1	13.0	4.3	16.1	23
N+3	55.6	22.2	22.2	0.0	16.1	18
N+4	50.0	31.3	12.5	6.3	21.4	16
N+5	40.0	40.0	20.0	0.0	21.4	15
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	23.5	58.8	17.6	17.6	34
N+1	0.0	43.8	31.3	25.0	38.2	16
N+2	0.0	27.3	36.4	36.4	60.7	11
N+3	0.0	16.7	50.0	33.3	73.8	6
N+4	0.0	50.0	50.0	0.0	73.8	2
N+5	0.0	50.0	50.0	0.0	73.8	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	63.6	36.4	36.4	11
N+1	0.0	0.0	100.0	0.0	36.4	4
N+2	0.0	0.0	75.0	25.0	52.3	4
N+3	0.0	0.0	100.0	0.0	52.3	3
N+4	0.0	0.0	100.0	0.0	52.3	1
N+5	0.0	0.0	100.0	0.0	52.3	1

TABLE 301.

FCOD CLASS B * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	94.1	4.9	0.9	0.1	0.1	1726
N+1	89.4	8.1	2.0	0.4	0.5	1620
N+2	86.1	9.4	4.1	0.3	0.9	1515
N+3	85.2	10.3	3.9	0.6	1.4	1404
N+4	82.7	12.5	4.5	0.4	1.8	1292
N+5	81.0	13.1	5.9	0.1	1.9	1161
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	21.0	70.9	7.4	0.7	0.7	766
N+1	26.9	60.9	10.3	1.9	2.6	670
N+2	26.9	56.3	15.8	1.0	3.5	609
N+3	27.2	54.1	17.4	1.3	4.8	556
N+4	27.3	52.5	18.8	1.4	6.1	505
N+5	30.1	47.9	21.0	0.9	7.0	428
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	3.4	10.7	78.2	7.7	7.7	495
N+1	5.1	15.3	72.3	7.3	14.4	411
N+2	5.7	20.0	68.4	6.0	19.5	335
N+3	7.4	19.6	70.7	2.2	21.3	270
N+4	8.4	23.2	65.8	2.5	23.3	237
N+5	11.3	28.4	58.2	2.1	24.9	194

TABLE 302.

FCOD CLASS B * SUPPRESSED * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOCD	FAIR	PCOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GCOD CCNDITION BEFCRE FIRST HEAVY DEFOLIATION						
N	39.5	23.7	34.2	2.6	2.6	38
N+1	36.1	19.4	25.0	19.4	21.6	36
N+2	46.4	28.6	14.3	10.7	30.0	28
N+3	45.0	20.0	30.0	5.0	33.5	20
N+4	38.9	33.3	22.2	5.6	37.2	18
N+5	31.3	43.8	12.5	12.5	45.0	16
FAIR CCNDITION BEFCRE FIRST HEAVY DEFOLIATION						
N	5.6	50.0	38.9	5.6	5.6	18
N+1	9.1	54.5	27.3	9.1	14.1	11
N+2	11.1	55.6	33.3	0.0	14.1	9
N+3	25.0	25.0	50.0	0.0	14.1	8
N+4	25.0	25.0	37.5	12.5	24.9	8
N+5	28.6	42.9	14.3	14.3	35.6	7
PCOR CCNDITION BEFCRE FIRST HEAVY DEFOLIATION						
N	0.0	25.0	75.0	0.0	0.0	8
N+1	0.0	16.7	66.7	16.7	16.7	6
N+2	0.0	0.0	100.0	0.0	16.7	5
N+3	0.0	0.0	100.0	0.0	16.7	4
N+4	0.0	0.0	100.0	0.0	16.7	3
N+5	0.0	33.3	66.7	0.0	16.7	3

TABLE 303.

FOOD CLASS B * SUPPRESSED * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	42.3	15.4	42.3	0.0	0.0	26
N+1	32.0	24.0	28.0	16.0	16.0	25
N+2	40.0	35.0	20.0	5.0	20.2	20
N+3	46.7	26.7	20.0	6.7	25.5	15
N+4	36.4	36.4	27.3	0.0	25.5	11
N+5	36.4	36.4	18.2	9.1	32.3	11
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	83.3	16.7	0.0	0.0	6
N+1	0.0	33.3	66.7	0.0	0.0	3
N+2	0.0	50.0	50.0	0.0	0.0	2
N+3	0.0	100.0	0.0	0.0	0.0	1
N+4	0.0	100.0	0.0	0.0	0.0	1
N+5	0.0	100.0	0.0	0.0	0.0	1
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	4
N+1	0.0	0.0	100.0	0.0	0.0	4
N+2	0.0	0.0	100.0	0.0	0.0	4
N+3	0.0	0.0	100.0	0.0	0.0	4
N+4	0.0	0.0	100.0	0.0	0.0	2
N+5	0.0	0.0	100.0	0.0	0.0	2

TABLE 304.

FOOD CLASS B * SUPPRESSED * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	97.4	2.0	0.4	0.2	0.2	544
N+1	92.3	7.1	0.4	0.2	0.4	535
N+2	89.2	9.0	1.8	0.0	0.4	498
N+3	87.6	10.0	2.2	0.2	0.6	491
N+4	85.1	12.0	2.7	0.2	0.8	483
N+5	83.6	12.6	3.8	0.0	0.8	445
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	13.5	79.2	7.2	0.0	0.0	207
N+1	23.1	65.3	11.1	0.5	0.5	199
N+2	23.2	58.4	17.8	0.5	1.0	185
N+3	23.0	56.9	20.1	0.0	1.0	174
N+4	20.2	55.4	23.8	0.6	1.6	168
N+5	24.8	50.3	24.8	0.0	1.6	145
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	1.8	13.2	74.6	10.5	10.5	114
N+1	5.7	18.4	72.4	3.4	13.6	87
N+2	5.4	23.0	66.2	5.4	18.3	74
N+3	8.5	30.5	57.6	3.4	21.1	59
N+4	11.1	29.6	57.4	1.9	22.5	54
N+5	14.0	27.9	58.1	0.0	22.5	43

TABLE 305.

FOOD CLASS C

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	86.7	11.4	1.9	0.0	0.0	308
N+1	85.6	10.4	2.2	1.8	1.8	278
N+2	74.9	16.3	7.0	1.9	3.6	215
N+3	59.7	18.8	20.8	0.7	4.3	144
N+4	58.1	21.3	19.9	0.7	5.0	136
N+5	58.9	18.6	21.7	0.8	5.7	129
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	28.4	56.7	13.4	1.5	1.5	67
N+1	47.1	31.4	15.7	5.9	7.3	51
N+2	35.3	38.2	20.6	5.9	12.7	34
N+3	18.8	37.5	31.3	12.5	23.6	16
N+4	36.4	36.4	27.3	0.0	23.6	11
N+5	30.0	10.0	60.0	0.0	23.6	10
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	10.5	10.5	78.9	0.0	0.0	19
N+1	14.3	0.0	28.6	57.1	57.1	14
N+2	0.0	0.0	40.0	60.0	82.9	5
N+3	0.0	0.0	100.0	0.0	82.9	2
N+4	0.0	0.0	50.0	50.0	91.4	2
N+5	0.0	0.0	100.0	0.0	91.4	1

TABLE 306.

FOOD CLASS C

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	96.1	3.3	0.6	0.0	0.0	180
N+1	93.7	4.0	1.1	1.1	1.1	174
N+2	78.7	13.5	6.5	1.3	2.4	155
N+3	71.0	19.0	9.0	1.0	3.4	100
N+4	70.5	21.1	7.4	1.1	4.4	95
N+5	72.5	15.4	11.0	1.1	5.5	91
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	51.5	36.4	9.1	3.0	3.0	33
N+1	66.7	14.8	11.1	7.4	10.2	27
N+2	50.0	31.8	18.2	0.0	10.2	22
N+3	20.0	40.0	30.0	10.0	19.2	10
N+4	28.6	42.9	28.6	0.0	19.2	7
N+5	28.6	0.0	71.4	0.0	19.2	7
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	18.2	9.1	72.7	0.0	0.0	11
N+1	10.0	10.0	30.0	50.0	50.0	10
N+2	0.0	0.0	50.0	50.0	75.0	4
N+3	0.0	0.0	100.0	0.0	75.0	2
N+4	0.0	0.0	50.0	50.0	87.5	2
N+5	0.0	0.0	100.0	0.0	87.5	1

TABLE 307.

FOOD CLASS C

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	62.0	30.0	6.0	2.0	2.0	50
N+1	69.6	26.1	4.3	0.0	2.0	23
N+2	56.5	26.1	8.7	8.7	10.5	23
N+3	10.5	26.3	63.2	0.0	10.5	19
N+4	5.3	31.6	63.2	0.0	10.5	19
N+5	5.6	27.8	66.7	0.0	10.5	18
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	38.5	46.2	15.4	0.0	0.0	13
N+1	27.3	54.5	9.1	9.1	9.1	11
N+2	22.2	55.6	11.1	11.1	19.2	9
N+3	0.0	37.5	62.5	0.0	19.2	8
N+4	0.0	37.5	62.5	0.0	19.2	8
N+5	0.0	50.0	50.0	0.0	19.2	6
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	100.0	0.0	0.0	0.0	0.0	1
N+1	0.0	100.0	0.0	0.0	0.0	1
N+2	0.0	0.0	100.0	0.0	0.0	1
N+3	0.0	0.0	100.0	0.0	0.0	1
N+4	0.0	0.0	100.0	0.0	0.0	1
N+5	0.0	0.0	100.0	0.0	0.0	1

TABLE 308.

FOOD CLASS C

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	94.1	4.3	1.3	0.3	0.3	1491
N+1	92.0	5.5	1.5	1.0	1.3	1394
N+2	85.2	8.5	5.1	1.2	2.5	1347
N+3	84.1	9.8	5.6	0.6	3.1	1259
N+4	82.2	11.5	5.9	0.4	3.5	1152
N+5	77.1	14.8	7.8	0.3	3.7	1061
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	19.6	65.9	12.2	2.4	2.4	296
N+1	24.1	57.8	15.9	2.2	4.5	270
N+2	32.2	44.7	18.8	4.3	8.7	255
N+3	38.1	39.9	20.2	1.8	10.3	218
N+4	39.2	37.5	21.6	1.7	11.9	176
N+5	42.2	36.1	20.4	1.4	13.1	147
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	1.9	8.6	80.0	9.5	9.5	210
N+1	5.7	14.3	73.1	6.9	15.7	175
N+2	14.5	28.9	48.7	7.9	22.4	152
N+3	16.0	36.6	46.6	0.8	23.0	131
N+4	20.0	32.2	46.7	1.1	23.8	90
N+5	36.1	18.1	44.4	1.4	24.9	72

TABLE 309.

FCOD CLASS C * COMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOC	FAIR	PCOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GCOD CCNDITION BEFCRE FIRST HEAVY DEFOLIATION						
N	95.8	4.2	0.0	0.0	0.0	24
N+1	95.7	4.3	0.0	0.0	0.0	23
N+2	81.0	9.5	9.5	0.0	0.0	21
N+3	69.2	7.7	23.1	0.0	0.0	13
N+4	72.7	9.1	18.2	0.0	0.0	11
N+5	45.5	18.2	36.4	0.0	0.0	11
FAIR CCNDITION BEFCRE FIRST HEAVY DEFOLIATION						
N	0.0	100.0	0.0	0.0	0.0	1
N+1	0.0	0.0	0.0	100.0	100.0	1
N+2	0.0	0.0	0.0	0.0	100.0	C
N+3	0.0	0.0	0.0	0.0	100.0	C
N+4	0.0	0.0	0.0	0.0	100.0	C
N+5	0.C	0.0	0.0	0.0	100.0	C
PCCR CCNDITION BEFCRE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	2
N+1	0.0	0.0	50.0	50.0	50.0	2
N+2	0.0	0.0	100.0	0.0	50.0	1
N+3	0.0	0.0	100.0	0.0	50.0	1
N+4	0.0	0.0	0.0	100.0	100.0	1
N+5	0.0	0.0	0.0	0.0	100.0	C

TABLE 310.

FOOD CLASS C * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	100.0	0.0	0.0	0.0	0.0	21
N+1	100.0	0.0	0.0	0.0	0.0	21
N+2	78.9	10.5	10.5	0.0	0.0	19
N+3	72.7	9.1	18.2	0.0	0.0	11
N+4	70.0	10.0	20.0	0.0	0.0	10
N+5	50.0	10.0	40.0	0.0	0.0	10
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	100.0	0.0	0.0	0.0	1
N+1	0.0	0.0	0.0	100.0	100.0	1
N+2	0.0	0.0	0.0	0.0	100.0	0
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	2
N+1	0.0	0.0	50.0	50.0	50.0	2
N+2	0.0	0.0	100.0	0.0	50.0	1
N+3	0.0	0.0	100.0	0.0	50.0	1
N+4	0.0	0.0	0.0	100.0	100.0	1
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 311.

FOOD CLASS C * DOMINANT * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	96.9	2.3	0.8	0.0	0.0	260
N+1	98.0	0.8	0.8	0.4	0.4	252
N+2	93.2	4.8	2.0	0.0	0.4	251
N+3	92.7	4.0	3.2	0.0	0.4	247
N+4	93.6	2.1	4.2	0.0	0.4	236
N+5	89.1	7.7	3.2	0.0	0.4	220
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	12.5	62.5	25.0	0.0	0.0	16
N+1	21.4	42.9	35.7	0.0	0.0	14
N+2	50.0	33.3	16.7	0.0	0.0	12
N+3	54.5	36.4	9.1	0.0	0.0	11
N+4	66.7	22.2	11.1	0.0	0.0	9
N+5	77.8	22.2	0.0	0.0	0.0	9
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	0.0	91.7	8.3	8.3	12
N+1	0.0	0.0	81.8	18.2	25.0	11
N+2	0.0	55.6	33.3	11.1	33.3	9
N+3	0.0	71.4	14.3	14.3	42.9	7
N+4	0.0	66.7	33.3	0.0	42.9	3
N+5	66.7	33.3	0.0	0.0	42.9	3

TABLE 312.

FOOD CLASS C * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	92.4	6.9	0.8	0.0	0.0	131
N+1	92.6	4.9	1.6	0.8	0.8	122
N+2	77.6	14.3	6.1	2.0	2.8	98
N+3	58.2	20.9	20.9	0.0	2.8	67
N+4	60.0	21.5	18.5	0.0	2.8	65
N+5	66.1	17.7	16.1	0.0	2.8	62
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	30.0	70.0	0.0	0.0	0.0	10
N+1	50.0	50.0	0.0	0.0	0.0	8
N+2	40.0	60.0	0.0	0.0	0.0	5
N+3	40.0	40.0	20.0	0.0	0.0	5
N+4	50.0	50.0	0.0	0.0	0.0	4
N+5	50.0	25.0	25.0	0.0	0.0	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	1
N+1	0.0	0.0	0.0	100.0	100.0	1
N+2	0.0	0.0	0.0	0.0	100.0	0
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 313.

FOOD CLASS C * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	100.0	0.0	0.0	0.0	0.0	83
N+1	96.4	1.2	1.2	1.2	1.2	83
N+2	78.7	13.3	6.7	1.3	2.5	75
N+3	71.2	19.2	9.6	0.0	2.5	52
N+4	74.0	20.0	6.0	0.0	2.5	50
N+5	83.3	12.5	4.2	0.0	2.5	48
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	50.0	50.0	0.0	0.0	0.0	4
N+1	50.0	50.0	0.0	0.0	0.0	4
N+2	50.0	50.0	0.0	0.0	0.0	4
N+3	50.0	25.0	25.0	0.0	0.0	4
N+4	66.7	33.3	0.0	0.0	0.0	3
N+5	66.7	0.0	33.3	0.0	0.0	3
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	1
N+1	0.0	0.0	0.0	100.0	100.0	1
N+2	0.0	0.0	0.0	0.0	100.0	0
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 314.

FCOD CLASS C * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	71.4	28.6	0.0	0.0	0.0	21
N+1	83.3	8.3	8.3	0.0	0.0	12
N+2	75.0	16.7	0.0	8.3	8.3	12
N+3	0.0	40.0	60.0	0.0	8.3	10
N+4	0.0	40.0	60.0	0.0	8.3	10
N+5	0.0	40.0	60.0	0.0	8.3	10
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	33.3	66.7	0.0	0.0	0.0	3
N+1	0.0	100.0	0.0	0.0	0.0	2
N+2	0.0	100.0	0.0	0.0	0.0	2
N+3	0.0	50.0	50.0	0.0	0.0	2
N+4	0.0	50.0	50.0	0.0	0.0	2
N+5	0.0	50.0	50.0	0.0	0.0	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 315.

FOOD CLASS C * DOMINANT * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	95.8	3.4	0.7	0.0	0.0	408
N+1	94.8	4.1	0.8	0.3	0.3	368
N+2	80.9	10.5	8.3	0.3	0.5	362
N+3	80.2	10.8	8.7	0.3	0.8	343
N+4	76.9	13.0	9.8	0.3	1.2	307
N+5	67.8	18.3	13.8	0.0	1.2	289
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	20.5	72.7	6.8	0.0	0.0	88
N+1	31.8	56.5	11.8	0.0	0.0	85
N+2	44.7	37.6	16.5	1.2	1.2	85
N+3	51.9	30.4	17.7	0.0	1.2	79
N+4	54.0	25.4	20.6	0.0	1.2	63
N+5	59.6	23.1	15.4	1.9	3.1	52
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	2.9	7.2	88.4	1.4	1.4	69
N+1	6.2	18.5	70.8	4.6	6.0	65
N+2	27.1	39.0	32.2	1.7	7.6	59
N+3	25.9	43.1	31.0	0.0	7.6	58
N+4	25.7	45.7	25.7	2.9	10.2	35
N+5	46.4	35.7	17.9	0.0	10.2	28

TABLE 316.

FOOD CLASS C * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	86.8	7.5	5.7	0.0	0.0	53
N+1	80.4	11.8	2.0	5.9	5.9	51
N+2	75.0	17.5	5.0	2.5	8.2	40
N+3	62.5	25.0	8.3	4.2	12.1	24
N+4	50.0	36.4	9.1	4.5	16.1	22
N+5	45.0	25.0	25.0	5.0	20.3	20
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	66.7	0.0	25.0	8.3	8.3	12
N+1	88.9	0.0	0.0	11.1	18.5	9
N+2	50.0	37.5	12.5	0.0	18.5	8
N+3	0.0	66.7	0.0	33.3	45.7	3
N+4	0.0	100.0	0.0	0.0	45.7	2
N+5	0.0	0.0	100.0	0.0	45.7	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	40.0	20.0	20.0	20.0	20.0	5
N+1	50.0	0.0	0.0	50.0	60.0	4
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 317.

FOOD CLASS C * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	91.3	8.7	0.0	0.0	0.0	46
N+1	88.4	9.3	0.0	2.3	2.3	43
N+2	76.3	18.4	2.6	2.6	4.9	38
N+3	63.6	27.3	4.5	4.5	9.2	22
N+4	55.0	35.0	5.0	5.0	13.8	20
N+5	47.4	26.3	21.1	5.3	18.3	19
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	88.9	0.0	11.1	0.0	0.0	9
N+1	100.0	0.0	0.0	0.0	0.0	8
N+2	50.0	37.5	12.5	0.0	0.0	8
N+3	0.0	66.7	0.0	33.3	33.3	3
N+4	0.0	100.0	0.0	0.0	33.3	2
N+5	0.0	0.0	100.0	0.0	33.3	2
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	100.0	0.0	0.0	0.0	0.0	2
N+1	50.0	0.0	0.0	50.0	50.0	2
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 318.

FOOD CLASS C * INTERMEDIATE * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	92.0	5.6	1.7	0.7	0.7	287
N+1	89.1	6.6	3.5	0.8	1.5	258
N+2	85.1	9.2	4.8	0.8	2.3	249
N+3	80.9	12.7	6.4	0.0	2.3	236
N+4	79.0	14.0	6.5	0.5	2.7	214
N+5	76.0	15.1	7.3	1.6	4.2	192
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	25.0	51.8	19.6	3.6	3.6	56
N+1	28.6	55.1	12.2	4.1	7.5	49
N+2	34.1	40.9	22.7	2.3	9.6	44
N+3	36.1	33.3	25.0	5.6	14.6	36
N+4	32.1	39.3	25.0	3.6	17.7	28
N+5	29.2	41.7	29.2	0.0	17.7	24
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	0.0	3.7	85.2	11.1	11.1	27
N+1	0.0	11.8	82.4	5.9	16.3	17
N+2	0.0	30.8	61.5	7.7	22.8	13
N+3	0.0	44.4	55.6	0.0	22.8	9
N+4	33.3	0.0	66.7	0.0	22.8	3
N+5	33.3	0.0	66.7	0.0	22.8	3

TABLE 319.

FOOD CLASS C * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	76.2	22.2	1.6	0.0	0.0	63
N+1	72.2	24.1	1.9	1.9	1.9	54
N+2	58.6	31.0	10.3	0.0	1.9	29
N+3	36.8	15.8	47.4	0.0	1.9	19
N+4	36.8	15.8	47.4	0.0	1.9	19
N+5	38.9	16.7	44.4	0.0	1.9	18
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	10.5	78.9	10.5	0.0	0.0	19
N+1	46.2	46.2	7.7	0.0	0.0	13
N+2	0.0	33.3	33.3	33.3	33.3	3
N+3	0.0	0.0	100.0	0.0	33.3	1
N+4	0.0	0.0	100.0	0.0	33.3	1
N+5	0.0	0.0	0.0	0.0	33.3	0
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	100.0	0.0	0.0	4
N+1	0.0	0.0	50.0	50.0	50.0	2
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 320.

FOOD CLASS C * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--HLH

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	54.2	37.5	8.3	0.0	0.0	24
N+1	55.6	44.4	0.0	0.0	0.0	9
N+2	33.3	44.4	22.2	0.0	0.0	9
N+3	12.5	12.5	75.0	0.0	0.0	8
N+4	12.5	12.5	75.0	0.0	0.0	8
N+5	12.5	12.5	75.0	0.0	0.0	8
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	44.4	44.4	11.1	0.0	0.0	9
N+1	33.3	44.4	11.1	11.1	11.1	9
N+2	28.6	42.9	14.3	14.3	23.8	7
N+3	0.0	33.3	66.7	0.0	23.8	6
N+4	0.0	33.3	66.7	0.0	23.8	6
N+5	0.0	50.0	50.0	0.0	23.8	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	0.0	0.0	0.0	0.0	0
N+1	0.0	0.0	0.0	0.0	0.0	0
N+2	0.0	0.0	0.0	0.0	0.0	0
N+3	0.0	0.0	0.0	0.0	0.0	0
N+4	0.0	0.0	0.0	0.0	0.0	0
N+5	0.0	0.0	0.0	0.0	0.0	0

TABLE 321.

FOOD CLASS C * INTERMEDIATE * DIAMETER CLASS 2

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	93.6	4.3	1.6	0.5	0.5	187
N+1	91.5	6.2	1.1	1.1	1.7	177
N+2	85.0	7.2	6.6	1.2	2.8	167
N+3	83.9	9.4	5.4	1.3	4.1	149
N+4	81.9	11.6	5.1	1.4	5.5	138
N+5	75.4	15.1	9.5	0.0	5.5	126
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	20.5	64.1	10.3	5.1	5.1	39
N+1	16.7	63.9	16.7	2.8	7.8	36
N+2	18.8	56.3	12.5	12.5	19.3	32
N+3	28.0	56.0	16.0	0.0	19.3	25
N+4	30.0	55.0	15.0	0.0	19.3	20
N+5	28.6	50.0	14.3	7.1	25.1	14
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	2.9	5.7	82.9	8.6	8.6	35
N+1	10.7	7.1	78.6	3.6	11.8	28
N+2	12.0	12.0	68.0	8.0	18.9	25
N+3	15.8	36.8	47.4	0.0	18.9	19
N+4	18.8	31.3	50.0	0.0	18.9	16
N+5	36.4	0.0	63.6	0.0	18.9	11

TABLE 322.

FOOD CLASS C * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--H

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	78.4	18.9	2.7	0.0	0.0	37
N+1	82.1	10.7	7.1	0.0	0.0	28
N+2	77.8	11.1	7.4	3.7	3.7	27
N+3	76.2	14.3	9.5	0.0	3.7	21
N+4	73.7	15.8	10.5	0.0	3.7	19
N+5	77.8	16.7	5.6	0.0	3.7	18
FAIR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	26.1	56.5	17.4	0.0	0.0	23
N+1	31.6	26.3	36.8	5.3	5.3	19
N+2	35.3	35.3	23.5	5.9	10.8	17
N+3	14.3	28.6	42.9	14.3	23.6	7
N+4	50.0	0.0	50.0	0.0	23.6	4
N+5	25.0	0.0	75.0	0.0	23.6	4
POOR CONDITION BEFORE FIRST HEAVY DEFOLIATION						
N	0.0	14.3	85.7	0.0	0.0	7
N+1	0.0	0.0	25.0	75.0	75.0	4
N+2	0.0	0.0	0.0	100.0	100.0	1
N+3	0.0	0.0	0.0	0.0	100.0	0
N+4	0.0	0.0	0.0	0.0	100.0	0
N+5	0.0	0.0	0.0	0.0	100.0	0

TABLE 323.

FOOD CLASS C * SUPPRESSED * DIAMETER CLASS 1

DEFOLIATION HISTORY--LLLLL

YEAR	GOOD	FAIR	POOR	DEAD	CUM. DEAD	OBSNS.
	PCT.	PCT.	PCT.	PCT.	PCT.	NO.
GOOD CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	91.2	6.2	2.0	0.7	0.7	306
N+1	86.1	9.5	1.7	2.7	3.3	296
N+2	83.6	9.8	3.3	3.3	6.5	275
N+3	83.5	11.9	3.3	1.2	7.7	243
N+4	79.8	17.0	2.8	0.5	8.1	218
N+5	78.2	17.8	4.1	0.0	8.1	197
FAIR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	17.1	69.5	9.8	3.7	3.7	82
N+1	16.7	65.3	15.3	2.8	6.3	72
N+2	20.3	58.0	20.3	1.4	7.7	69
N+3	22.0	54.2	20.3	3.4	10.8	59
N+4	25.0	50.0	20.8	4.2	14.5	48
N+5	27.5	50.0	22.5	0.0	14.5	40
POOR CONDITION AFTER FOURTH YEAR OF LIGHT DEFOLIATION						
N	1.9	18.9	62.3	17.0	17.0	53
N+1	7.0	18.6	65.1	9.3	24.7	43
N+2	8.3	19.4	55.6	16.7	37.3	36
N+3	10.3	20.7	69.0	0.0	37.3	29
N+4	16.0	24.0	60.0	0.0	37.3	25
N+5	22.7	9.1	63.6	4.5	40.1	22

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