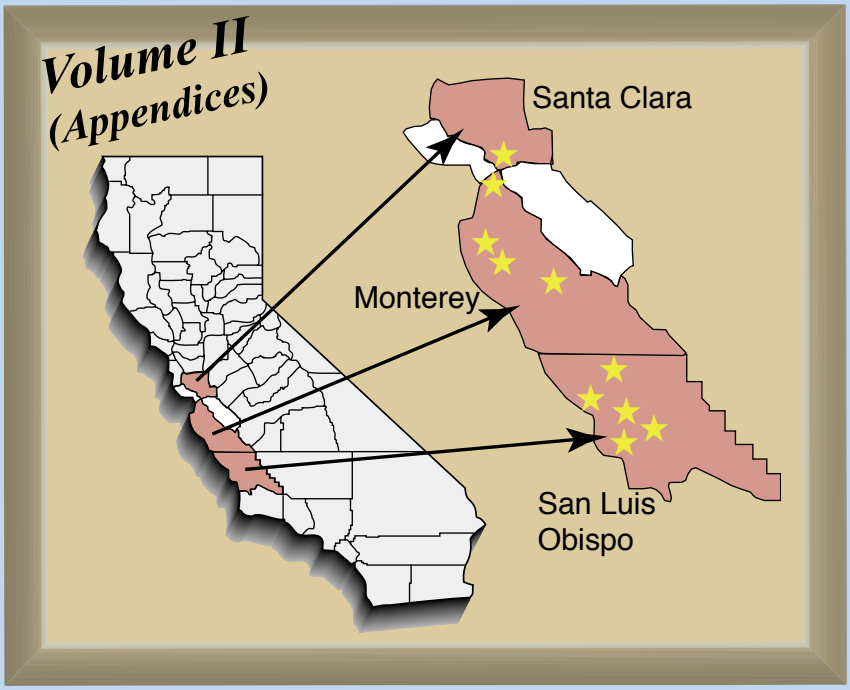
Long-Term Growth, Sudden Oak Death Assessment and Economic Viability of Coast Live Oak in Three California Counties

- Seventeen-Year Results -



by

Norman H. Pillsbury, Lawrence E. Bonner,
Richard P. Thompson, Walter R. Mark,
and Roy D. Cuzick

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Natural Resources Management Department
California Polytechnic State University
San Luis Obispo, California

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VOLUME II (Appendices)

LIST OF APPENDICES

APPENDIX A

Stand, Basal Area And Stock Tables For The 2001 Inventory

Table A1. Stand, Basal Area and Stock Tables for Plot 1-1 (100 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	30	0	0	0	30	30	0	1	0	0	0	1	1	0	15	0	0	0	15	15
4	0	20	0	0	0	20	20	0	1	0	0	0	1	1	0	16	0	0	0	16	16
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	25	0	25	0	25	0	0	10	0	10	0	10	0	0	171	0	171	0	171
10	0	0	35	0	35	0	35	0	0	19	0	19	0	19	0	0	369	0	369	0	369
12	0	0	35	0	35	0	35	0	0	26	0	26	0	26	0	0	599	0	599	0	599
14	0	0	30	0	30	0	30	0	0	31	0	31	0	31	0	0	777	0	777	0	777
16	0	0	10	0	10	0	10	0	0	14	0	14	0	14	0	0	415	0	415	0	415
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	50	135	0	135	50	185	0	2	100	0	100	2	102	0	31	2331	0	2331	31	2362

Table A1. (continued). Stand, Basal Area and Stock Tables for Plot 1-1 (100 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	10	0	0	0	10	10	0	0	0	0	0	0	0
4	0	11	0	0	0	11	11	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	96	0	96	0	96	0	0	0	0	0	0	0
10	0	0	215	0	215	0	215	0	0	0	0	0	0	0
12	0	0	359	0	359	0	359	0	0	0	0	0	0	0
14	0	0	480	0	480	0	480	0	0	77	0	77	0	77
16	0	0	264	0	264	0	264	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	21	1414	0	1414	21	1435	0	0	77	0	77	0	77

Table A2. Stand, Basal Area and Stock Tables for Plot 1-2 (Control plot) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	5	0	0	0	5	5	0	0	0	0	0	0	0	0	1	0	0	0	1	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	10	0	10	0	10	0	0	5	0	5	0	5	0	0	115	0	115	0	115
12	0	0	20	0	20	0	20	0	0	16	0	16	0	16	0	0	334	0	334	0	334
14	0	0	15	0	15	0	15	0	0	16	0	16	0	16	0	0	389	0	389	0	389
16	0	0	10	0	10	0	10	0	0	15	0	15	0	15	0	0	356	0	356	0	356
18	0	0	10	0	10	0	10	0	0	18	0	18	0	18	0	0	548	0	548	0	548
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	5	65	0	65	5	70	0	0	70	0	70	0	70	0	1	1742	0	1742	1	1743

Table A2. (continued). Stand, Basal Area and Stock Tables for Plot 1-2 (Control plot) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	67	0	67	0	67	0	0	0	0	0	0	0
12	0	0	203	0	203	0	203	0	0	0	0	0	0	0
14	0	0	242	0	242	0	242	0	0	0	0	0	0	0
16	0	0	229	0	229	0	229	0	0	88	0	88	0	88
18	0	0	359	0	359	0	359	0	0	156	0	156	0	156
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1100	0	1100	0	1100	0	0	244	0	244	0	244

Table A3. Stand, Basal Area and Stock Tables for Plot 1-3 (50 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	10	0	10	0	10	0	0	5	0	5	0	5	0	0	97	0	97	0	97
12	0	0	30	0	30	0	30	0	0	25	0	25	0	25	0	0	617	0	617	0	617
14	0	0	25	0	25	0	25	0	0	24	0	24	0	24	0	0	562	0	562	0	562
16	0	0	10	0	10	0	10	0	0	14	0	14	0	14	0	0	416	0	416	0	416
18	0	0	5	0	5	0	5	0	0	9	0	9	0	9	0	0	311	0	311	0	311
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	80	0	80	0	80	0	0	77	0	77	0	77	0	0	2003	0	2003	0	2003

Table A3. (continued). Stand, Basal Area and Stock Tables for Plot 1-3 (50 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	56	0	56	0	56	0	0	0	0	0	0	0
12	0	0	374	0	374	0	374	0	0	38	0	38	0	38
14	0	0	346	0	346	0	346	0	0	0	0	0	0	0
16	0	0	266	0	266	0	266	0	0	71	0	71	0	71
18	0	0	203	0	203	0	203	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1245	0	1245	0	1245	0	0	109	0	109	0	109

Table A4. Stand, Basal Area and Stock Tables for Plot 2-1 (50 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	45	0	0	0	45	0	45	2	0	0	0	2	0	2	18	0	0	0	18	0	18
4	135	0	0	0	135	0	135	11	0	0	0	11	0	11	137	0	0	0	137	0	137
6	40	0	0	0	40	0	40	6	0	0	0	6	0	6	88	0	0	0	88	0	88
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	15	0	15	0	15	0	0	12	0	12	0	12	0	0	329	0	329	0	329
14	0	0	10	0	10	0	10	0	0	10	0	10	0	10	0	0	266	0	266	0	266
16	0	0	20	0	20	0	20	0	0	28	0	28	0	28	0	0	861	0	861	0	861
18	0	0	10	0	10	0	10	0	0	17	0	17	0	17	0	0	651	0	651	0	651
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	5	0	5	0	5	0	0	12	0	12	0	12	0	0	416	0	416	0	416
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	220	0	60	0	280	0	280	19	0	79	0	98	0	98	243	0	2523	0	2766	0	2766

Table A4. (continued). Stand, Basal Area and Stock Tables for Plot 2-1 (50 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	8	0	0	0	8	0	8	0	0	0	0	0	0	0
4	66	0	0	0	66	0	66	0	0	0	0	0	0	0
6	45	0	0	0	45	0	45	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	197	0	197	0	197	0	0	0	0	0	0	0
14	0	0	165	0	165	0	165	0	0	0	0	0	0	0
16	0	0	549	0	549	0	549	0	0	0	0	0	0	0
18	0	0	421	0	421	0	421	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	281	0	281	0	281	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	119	0	1613	0	1732	0	1732	0	0	0	0	0	0	0

Table A5. Stand, Basal Area and Stock Tables for Plot 2-2 (Control) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	5	0	5	0	5	0	0	0	0	0	0	0	0	0	7	0	7	0	7
6	0	0	15	0	15	0	15	0	0	3	0	3	0	3	0	0	56	0	56	0	56
8	0	0	95	0	95	0	95	0	0	34	0	34	0	34	0	0	702	0	702	0	702
10	0	0	70	0	70	0	70	0	0	38	0	38	0	38	0	0	865	0	865	0	865
12	0	0	65	0	65	0	65	0	0	51	0	51	0	51	0	0	1362	0	1362	0	1362
14	0	0	50	0	50	0	50	0	0	55	0	55	0	55	0	0	1520	0	1520	0	1520
16	0	0	35	0	35	0	35	0	0	49	0	49	0	49	0	0	1494	0	1494	0	1494
18	0	0	25	0	25	0	25	0	0	41	0	41	0	41	0	0	1211	0	1211	0	1211
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	5	0	5	0	5	0	0	14	0	14	0	14	0	0	467	0	467	0	467
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	365	0	365	0	365	0	0	285	0	285	0	285	0	0	7684	0	7684	0	7684

Table A5. (continued). Stand, Basal Area and Stock Tables for Plot 2-2 (Control) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	3	0	3	0	3	0	0	0	0	0	0	0
6	0	0	29	0	29	0	29	0	0	0	0	0	0	0
8	0	0	389	0	389	0	389	0	0	0	0	0	0	0
10	0	0	500	0	500	0	500	0	0	0	0	0	0	0
12	0	0	816	0	816	0	816	0	0	0	0	0	0	0
14	0	0	945	0	945	0	945	0	0	0	0	0	0	0
16	0	0	952	0	952	0	952	0	0	0	0	0	0	0
18	0	0	785	0	785	0	785	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	321	0	321	0	321	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	4740	0	4740	0	4740	0	0	0	0	0	0	0

Table A6. Stand, Basal Area and Stock Tables for Plot 2-3 (100 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	20	0	0	0	20	20	0	1	0	0	0	1	1	0	11	0	0	0	11	11
4	0	30	0	0	0	30	30	0	2	0	0	0	2	2	0	40	0	0	0	40	40
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	10	0	10	0	10	0	0	7	0	7	0	7	0	0	184	0	184	0	184
14	0	0	15	0	15	0	15	0	0	15	0	15	0	15	0	0	463	0	463	0	463
16	0	0	5	0	5	0	5	0	0	6	0	6	0	6	0	0	156	0	156	0	156
18	0	0	45	0	45	0	45	0	0	78	0	78	0	78	0	0	2596	0	2596	0	2596
20	0	0	5	0	5	0	5	0	0	10	0	10	0	10	0	0	406	0	406	0	406
22	0	0	5	0	5	0	5	0	0	14	0	14	0	14	0	0	541	0	541	0	541
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	50	85	0	85	50	135	0	3	130	0	130	3	133	0	51	4346	0	4346	51	4397

Table A6. (continued). Stand, Basal Area and Stock Tables for Plot 2-3 (100 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	7	0	0	0	7	7	0	0	0	0	0	0	0
4	0	28	0	0	0	28	28	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	109	0	109	0	109	0	0	0	0	0	0	0
14	0	0	284	0	284	0	284	0	0	0	0	0	0	0
16	0	0	99	0	99	0	99	0	0	0	0	0	0	0
18	0	0	1688	0	1688	0	1688	0	0	0	0	0	0	0
20	0	0	269	0	269	0	269	0	0	0	0	0	0	0
22	0	0	369	0	369	0	369	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	35	2818	0	2818	35	2853	0	0	0	0	0	0	0

Table A7. Stand, Basal Area and Stock Tables for Plot 3-1 (50 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	10	0	10	0	10	0	0	2	0	2	0	2	0	0	49	0	49	0	49
8	0	0	45	0	45	0	45	0	0	16	0	16	0	16	0	0	406	0	406	0	406
10	0	0	70	0	70	0	70	0	0	38	0	38	0	38	0	0	1134	0	1134	0	1134
12	0	0	55	0	55	0	55	0	0	39	0	39	0	39	0	0	1209	0	1209	0	1209
14	0	0	20	0	20	0	20	0	0	22	0	22	0	22	0	0	804	0	804	0	804
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	5	0	5	5	0	0	0	12	0	12	12	0	0	0	613	0	613	613
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	200	5	200	5	205	0	0	117	12	117	12	129	0	0	3602	613	3602	613	4215

Table A7. (continued). Stand, Basal Area and Stock Tables for Plot 3-1 (50 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	26	0	26	0	26	0	0	0	0	0	0	0
8	0	0	223	0	223	0	223	0	0	0	0	0	0	0
10	0	0	651	0	651	0	651	0	0	0	0	0	0	0
12	0	0	715	0	715	0	715	0	0	0	0	0	0	0
14	0	0	496	0	496	0	496	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	452	0	452	452	0	0	0	253	0	253	253
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	2111	452	2111	452	2563	0	0	0	253	0	253	253

Table A8. Stand, Basal Area and Stock Tables for Plot3-2 (100 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	10	0	10	0	10	0	0	1	0	1	0	1	0	0	26	0	26	0	26
6	0	0	85	0	85	0	85	0	0	17	0	17	0	17	0	0	406	0	406	0	406
8	0	0	110	0	110	0	110	0	0	37	0	37	0	37	0	0	969	0	969	0	969
10	0	0	70	0	70	0	70	0	0	39	0	39	0	39	0	0	1140	0	1140	0	1140
12	0	0	20	0	20	0	20	0	0	16	0	16	0	16	0	0	498	0	498	0	498
14	0	0	5	0	5	0	5	0	0	5	0	5	0	5	0	0	151	0	151	0	151
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	300	0	300	0	300	0	0	115	0	115	0	115	0	0	3190	0	3190	0	3190

Table A8. (continued). Stand, Basal Area and Stock Tables for Plot3-2 (100 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	12	0	12	0	12	0	0	0	0	0	0	0
6	0	0	211	0	211	0	211	0	0	0	0	0	0	0
8	0	0	530	0	530	0	530	0	0	0	0	0	0	0
10	0	0	656	0	656	0	656	0	0	0	0	0	0	0
12	0	0	297	0	297	0	297	0	0	0	0	0	0	0
14	0	0	92	0	92	0	92	0	0	71	0	71	0	71
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1798	0	1798	0	1798	0	0	71	0	71	0	71

Table A9. Stand, Basal Area and Stock Tables for Plot 3-3 (Control) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	15	0	15	0	15	0	0	0	0	0	0	0	0	0	5	0	5	0	5
4	0	0	45	0	45	0	45	0	0	4	0	4	0	4	0	0	67	0	67	0	67
6	0	0	120	0	120	0	120	0	0	24	0	24	0	24	0	0	491	0	491	0	491
8	0	0	80	0	80	0	80	0	0	28	0	28	0	28	0	0	718	0	718	0	718
10	0	0	60	0	60	0	60	0	0	32	0	32	0	32	0	0	970	0	970	0	970
12	0	0	40	0	40	0	40	0	0	29	0	29	0	29	0	0	835	0	835	0	835
14	0	0	10	0	10	0	10	0	0	10	0	10	0	10	0	0	336	0	336	0	336
16	0	0	5	0	5	0	5	0	0	7	0	7	0	7	0	0	253	0	253	0	253
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	375	0	375	0	375	0	0	134	0	134	0	134	0	0	3675	0	3675	0	3675

Table A9. (continued). Stand, Basal Area and Stock Tables for Plot 3-3 (Control) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	2	0	2	0	2	0	0	0	0	0	0	0
4	0	0	32	0	32	0	32	0	0	0	0	0	0	0
6	0	0	254	0	254	0	254	0	0	0	0	0	0	0
8	0	0	394	0	394	0	394	0	0	0	0	0	0	0
10	0	0	554	0	554	0	554	0	0	0	0	0	0	0
12	0	0	494	0	494	0	494	0	0	49	0	49	0	49
14	0	0	206	0	206	0	206	0	0	0	0	0	0	0
16	0	0	160	0	160	0	160	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	2096	0	2096	0	2096	0	0	49	0	49	0	49

Table A10. Stand, Basal Area and Stock Tables for Plot 4-1 (100 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	30	0	30	0	30	0	0	24	0	24	0	24	0	0	806	0	806	0	806
14	0	0	30	0	30	0	30	0	0	32	0	32	0	32	0	0	1097	0	1097	0	1097
16	0	0	5	0	5	0	5	0	0	7	0	7	0	7	0	0	238	0	238	0	238
18	0	0	10	0	10	0	10	0	0	16	0	16	0	16	0	0	654	0	654	0	654
20	0	0	15	0	15	0	15	0	0	33	0	33	0	33	0	0	1393	0	1393	0	1393
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	5	0	5	0	5	0	0	17	0	17	0	17	0	0	812	0	812	0	812
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	95	0	95	0	95	0	0	129	0	129	0	129	0	0	5000	0	5000	0	5000

Table A10. (continued). Stand, Basal Area and Stock Tables for Plot 4-1 (100 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	482	0	482	0	482	0	0	63	0	63	0	63
14	0	0	675	0	675	0	675	0	0	0	0	0	0	0
16	0	0	150	0	150	0	150	0	0	113	0	113	0	113
18	0	0	418	0	418	0	418	0	0	163	0	163	0	163
20	0	0	925	0	925	0	925	0	0	662	0	662	0	662
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	562	0	562	0	562	0	0	388	0	388	0	388
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	3212	0	3212	0	3212	0	0	1389	0	1389	0	1389

Table A11. Stand, Basal Area and Stock Tables for Plot 4-2 (50 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	10	0	10	0	10	0	0	21	0	21	0	21	0	0	944	0	944	0	944
22	0	0	5	0	5	0	5	0	0	12	0	12	0	12	0	0	561	0	561	0	561
24	0	0	15	0	15	0	15	0	0	47	0	47	0	47	0	0	2329	0	2329	0	2329
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	30	0	30	0	30	0	0	80	0	80	0	80	0	0	3834	0	3834	0	3834

Table A11. (continued). Stand, Basal Area and Stock Tables for Plot 4-2 (50 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	624	0	624	0	624	0	0	213	0	213	0	213
22	0	0	376	0	376	0	376	0	0	0	0	0	0	0
24	0	0	1600	0	1600	0	1600	0	0	1128	0	1128	0	1128
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	2600	0	2600	0	2600	0	0	1341	0	1341	0	1341

Table A12. Stand, Basal Area and Stock Tables for Plot 4-3 (Control Plot) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	10	0	15	0	25	0	25	1	0	0	0	1	0	1	3	0	4	0	7	0	7
4	0	0	30	0	30	0	30	0	0	2	0	2	0	2	0	0	29	0	29	0	29
6	0	0	55	0	55	0	55	0	0	11	0	11	0	11	0	0	170	0	170	0	170
8	0	0	25	0	25	0	25	0	0	9	0	9	0	9	0	0	165	0	165	0	165
10	0	0	25	0	25	0	25	0	0	15	0	15	0	15	0	0	394	0	394	0	394
12	0	0	35	0	35	0	35	0	0	27	0	27	0	27	0	0	884	0	884	0	884
14	0	0	30	0	30	0	30	0	0	31	0	31	0	31	0	0	929	0	929	0	929
16	0	0	25	0	25	0	25	0	0	35	0	35	0	35	0	0	1262	0	1262	0	1262
18	0	0	20	0	20	0	20	0	0	35	0	35	0	35	0	0	1387	0	1387	0	1387
20	0	0	10	0	10	0	10	0	0	20	0	20	0	20	0	0	730	0	730	0	730
22	0	0	5	0	5	0	5	0	0	13	0	13	0	13	0	0	546	0	546	0	546
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	5	0	5	0	5	0	0	21	0	21	0	21	0	0	1138	0	1138	0	1138
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	5	0	5	0	5	0	0	53	0	53	0	53	0	0	3505	0	3505	0	3505
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	285	0	295	0	295	1	0	272	0	273	0	273	3	0	11143	0	11146	0	11146

Table A12. (continued). Stand, Basal Area and Stock Tables for Plot 4-3 (Control Plot) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	1	0	2	0	3	0	3	0	0	0	0	0	0	0
4	0	0	14	0	14	0	14	0	0	0	0	0	0	0
6	0	0	88	0	88	0	88	0	0	0	0	0	0	0
8	0	0	92	0	92	0	92	0	0	0	0	0	0	0
10	0	0	229	0	229	0	229	0	0	0	0	0	0	0
12	0	0	525	0	525	0	525	0	0	61	0	61	0	61
14	0	0	573	0	573	0	573	0	0	133	0	133	0	133
16	0	0	799	0	799	0	799	0	0	597	0	597	0	597
18	0	0	897	0	897	0	897	0	0	663	0	663	0	663
20	0	0	482	0	482	0	482	0	0	335	0	335	0	335
22	0	0	367	0	367	0	367	0	0	259	0	259	0	259
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	805	0	805	0	805	0	0	553	0	553	0	553
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	2733	0	2733	0	2733	0	0	1671	0	1671	0	1671
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	7606	0	7607	0	7607	0	0	4272	0	4272	0	4272

Table A13. Stand, Basal Area and Stock Tables for Plot 5-1 (50 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	10	0	10	0	10	0	0	11	0	11	0	11	0	0	344	0	344	0	344
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	10	0	10	0	10	0	0	18	0	18	0	18	0	0	621	0	621	0	621
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	5	0	5	0	5	0	0	14	0	14	0	14	0	0	554	0	554	0	554
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	5	0	5	0	5	0	0	34	0	34	0	34	0	0	1392	0	1392	0	1392
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	30	0	30	0	30	0	0	77	0	77	0	77	0	0	2911	0	2911	0	2911

Table A13. (continued). Stand, Basal Area and Stock Tables for Plot 5-1 (50 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	213	0	213	0	213	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	406	0	406	0	406	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	377	0	377	0	377	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	1047	0	1047	0	1047	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	2043	0	2043	0	2043	0	0	0	0	0	0	0

Table A14. Stand, Basal Area and Stock Tables for Plot 5-2 (Control) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	5	0	5	0	5	0	0	1	0	1	0	1	0	0	15	0	15	0	15
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	5	0	5	0	5	0	0	2	0	2	0	2	0	0	37	0	37	0	37
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	5	0	5	0	5	0	0	5	0	5	0	5	0	0	162	0	162	0	162
16	0	0	15	0	15	0	15	0	0	22	0	22	0	22	0	0	705	0	705	0	705
18	0	0	10	0	10	0	10	0	0	17	0	17	0	17	0	0	547	0	547	0	547
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	5	0	5	0	5	0	0	14	0	14	0	14	0	0	536	0	536	0	536
24	0	0	15	0	15	0	15	0	0	46	0	46	0	46	0	0	1892	0	1892	0	1892
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	10	0	10	0	10	0	0	44	0	44	0	44	0	0	2301	0	2301	0	2301
30	0	0	5	0	5	0	5	0	0	24	0	24	0	24	0	0	1338	0	1338	0	1338
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	5	0	5	0	5	0	0	31	0	31	0	31	0	0	1547	0	1547	0	1547
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	80	0	80	0	80	0	0	206	0	206	0	206	0	0	9080	0	9080	0	9080

Table A14. (continued). Stand, Basal Area and Stock Tables for Plot 5-2 (Control) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	8	0	8	0	8	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	21	0	21	0	21	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	100	0	100	0	100	0	0	75	0	75	0	75
16	0	0	451	0	451	0	451	0	0	0	0	0	0	0
18	0	0	354	0	354	0	354	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	365	0	365	0	365	0	0	246	0	246	0	246
24	0	0	1304	0	1304	0	1304	0	0	634	0	634	0	634
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	1637	0	1637	0	1637	0	0	1105	0	1105	0	1105
30	0	0	963	0	963	0	963	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	1147	0	1147	0	1147	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	6350	0	6350	0	6350	0	0	2060	0	2060	0	2060

Table A15. Stand, Basal Area and Stock Tables for Plot 5-3 (100 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	5	0	5	0	5	0	0	6	0	6	0	6	0	0	177	0	177	0	177
16	0	0	15	0	15	0	15	0	0	22	0	22	0	22	0	0	721	0	721	0	721
18	0	0	20	0	20	0	20	0	0	36	0	36	0	36	0	0	1259	0	1259	0	1259
20	0	0	10	0	10	0	10	0	0	22	0	22	0	22	0	0	840	0	840	0	840
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	5	0	5	0	5	0	0	20	0	20	0	20	0	0	969	0	969	0	969
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	5	0	5	0	5	0	0	26	0	26	0	26	0	0	1290	0	1290	0	1290
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	60	0	60	0	60	0	0	132	0	132	0	132	0	0	5256	0	5256	0	5256

Table A15. (continued). Stand, Basal Area and Stock Tables for Plot 5-3 (100 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	110	0	110	0	110	0	0	0	0	0	0	0
16	0	0	460	0	460	0	460	0	0	0	0	0	0	0
18	0	0	821	0	821	0	821	0	0	0	0	0	0	0
20	0	0	559	0	559	0	559	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	687	0	687	0	687	0	0	452	0	452	0	452
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	939	0	939	0	939	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	3576	0	3576	0	3576	0	0	452	0	452	0	452

Table A16. Stand, Basal Area and Stock Tables for Plot 7-1 (100 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	20	0	20	0	20	0	0	4	0	4	0	4	0	0	74	0	74	0	74
8	0	0	35	0	35	0	35	0	0	12	0	12	0	12	0	0	239	0	239	0	239
10	0	0	60	0	60	0	60	0	0	32	0	32	0	32	0	0	706	0	706	0	706
12	0	0	15	0	15	0	15	0	0	12	0	12	0	12	0	0	308	0	308	0	308
14	0	0	15	0	15	0	15	0	0	16	0	16	0	16	0	0	416	0	416	0	416
16	0	0	10	0	10	0	10	0	0	14	0	14	0	14	0	0	367	0	367	0	367
18	0	0	5	0	5	0	5	0	0	10	0	10	0	10	0	0	309	0	309	0	309
20	0	0	5	0	5	0	5	0	0	11	0	11	0	11	0	0	349	0	349	0	349
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	165	0	165	0	165	0	0	111	0	111	0	111	0	0	2768	0	2768	0	2768

Table A16. (continued). Stand, Basal Area and Stock Tables for Plot 7-1 (100 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	39	0	39	0	39	0	0	0	0	0	0	0
8	0	0	132	0	132	0	132	0	0	0	0	0	0	0
10	0	0	408	0	408	0	408	0	0	0	0	0	0	0
12	0	0	185	0	185	0	185	0	0	0	0	0	0	0
14	0	0	259	0	259	0	259	0	0	0	0	0	0	0
16	0	0	236	0	236	0	236	0	0	0	0	0	0	0
18	0	0	204	0	204	0	204	0	0	0	0	0	0	0
20	0	0	232	0	232	0	232	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1695	0	1695	0	1695	0	0	0	0	0	0	0

Table A17. Stand, Basal Area and Stock Tables for Plot 7-2 (50 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	5	0	5	0	5	0	0	3	0	3	0	3	0	0	86	0	86	0	86
12	0	0	10	0	10	0	10	0	0	8	0	8	0	8	0	0	210	0	210	0	210
14	0	0	15	0	15	0	15	0	0	14	0	14	0	14	0	0	381	0	381	0	381
16	0	0	10	0	10	0	10	0	0	14	0	14	0	14	0	0	353	0	353	0	353
18	0	0	10	0	10	0	10	0	0	18	0	18	0	18	0	0	545	0	545	0	545
20	0	0	5	0	5	0	5	0	0	10	0	10	0	10	0	0	336	0	336	0	336
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	55	0	55	0	55	0	0	67	0	67	0	67	0	0	1911	0	1911	0	1911

Table A17. (continued). Stand, Basal Area and Stock Tables for Plot 7-2 (50 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	51	0	51	0	51	0	0	0	0	0	0	0
12	0	0	127	0	127	0	127	0	0	0	0	0	0	0
14	0	0	233	0	233	0	233	0	0	0	0	0	0	0
16	0	0	225	0	225	0	225	0	0	85	0	85	0	85
18	0	0	356	0	356	0	356	0	0	0	0	0	0	0
20	0	0	223	0	223	0	223	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1215	0	1215	0	1215	0	0	85	0	85	0	85

Table A18. Stand, Basal Area and Stock Tables for Plot 7-3 (Control) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	30	0	30	0	30	0	0	3	0	3	0	3	0	0	40	0	40	0	40
6	0	0	15	0	15	0	15	0	0	3	0	3	0	3	0	0	46	0	46	0	46
8	0	0	45	0	45	0	45	0	0	15	0	15	0	15	0	0	275	0	275	0	275
10	0	0	50	0	50	0	50	0	0	26	0	26	0	26	0	0	604	0	604	0	604
12	0	0	40	0	40	0	40	0	0	29	0	29	0	29	0	0	828	0	828	0	828
14	0	0	25	0	25	0	25	0	0	25	0	25	0	25	0	0	694	0	694	0	694
16	0	0	15	0	15	0	15	0	0	22	0	22	0	22	0	0	657	0	657	0	657
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	220	0	220	0	220	0	0	123	0	123	0	123	0	0	3144	0	3144	0	3144

Table A18. (continued). Stand, Basal Area and Stock Tables for Plot 7-3 (Control) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	20	0	20	0	20	0	0	0	0	0	0	0
6	0	0	24	0	24	0	24	0	0	0	0	0	0	0
8	0	0	151	0	151	0	151	0	0	0	0	0	0	0
10	0	0	347	0	347	0	347	0	0	0	0	0	0	0
12	0	0	492	0	492	0	492	0	0	0	0	0	0	0
14	0	0	427	0	427	0	427	0	0	0	0	0	0	0
16	0	0	420	0	420	0	420	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1881	0	1881	0	1881	0	0	0	0	0	0	0

Table A19. Stand, Basal Area and Stock Tables for Plot 8-1 (100 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	10	0	10	0	10	0	0	6	0	6	0	6	0	0	175	0	175	0	175
12	0	0	25	0	25	0	25	0	0	20	0	20	0	20	0	0	594	0	594	0	594
14	0	0	35	0	35	0	35	0	0	37	0	37	0	37	0	0	1198	0	1198	0	1198
16	0	0	5	0	5	0	5	0	0	7	0	7	0	7	0	0	255	0	255	0	255
18	0	0	5	0	5	0	5	0	0	9	0	9	0	9	0	0	361	0	361	0	361
20	0	0	15	0	15	0	15	0	0	31	0	31	0	31	0	0	1295	0	1295	0	1295
22	0	0	5	0	5	0	5	0	0	13	0	13	0	13	0	0	560	0	560	0	560
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	100	0	100	0	100	0	0	123	0	123	0	123	0	0	4438	0	4438	0	4438

Table A19. (continued). Stand, Basal Area and Stock Tables for Plot 8-1 (100 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	102	0	102	0	102	0	0	0	0	0	0	0
12	0	0	355	0	355	0	355	0	0	111	0	111	0	111
14	0	0	737	0	737	0	737	0	0	242	0	242	0	242
16	0	0	160	0	160	0	160	0	0	123	0	123	0	123
18	0	0	234	0	234	0	234	0	0	172	0	172	0	172
20	0	0	854	0	854	0	854	0	0	617	0	617	0	617
22	0	0	380	0	380	0	380	0	0	261	0	261	0	261
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	2822	0	2822	0	2822	0	0	1526	0	1526	0	1526

Table A20. Stand, Basal Area and Stock Tables for Plot 8-2 (50 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	10	0	10	0	10	0	0	10	0	10	0	10	0	0	351	0	351	0	351
16	0	0	20	0	20	0	20	0	0	26	0	26	0	26	0	0	1051	0	1051	0	1051
18	0	0	10	0	10	0	10	0	0	18	0	18	0	18	0	0	782	0	782	0	782
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	5	0	5	0	5	0	0	20	0	20	0	20	0	0	1063	0	1063	0	1063
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	45	0	45	0	45	0	0	74	0	74	0	74	0	0	3247	0	3247	0	3247

Table A20. (continued). Stand, Basal Area and Stock Tables for Plot 8-2 (50 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	215	0	215	0	215	0	0	68	0	68	0	68
16	0	0	660	0	660	0	660	0	0	514	0	514	0	514
18	0	0	507	0	507	0	507	0	0	382	0	382	0	382
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	748	0	748	0	748	0	0	518	0	518	0	518
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	2130	0	2130	0	2130	0	0	1482	0	1482	0	1482

Table A21. Stand, Basal Area and Stock Tables for Plot 8-3 (Control) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	30	0	30	0	30	0	0	3	0	3	0	3	0	0	31	0	31	0	31
6	0	0	15	0	15	0	15	0	0	3	0	3	0	3	0	0	64	0	64	0	64
8	0	0	35	0	35	0	35	0	0	12	0	12	0	12	0	0	292	0	292	0	292
10	0	0	15	0	15	0	15	0	0	7	0	7	0	7	0	0	194	0	194	0	194
12	0	0	45	0	45	0	45	0	0	36	0	36	0	36	0	0	1191	0	1191	0	1191
14	0	0	30	0	30	0	30	0	0	32	0	32	0	32	0	0	1075	0	1075	0	1075
16	0	0	20	0	20	0	20	0	0	29	0	29	0	29	0	0	1037	0	1037	0	1037
18	0	0	15	0	15	0	15	0	0	26	0	26	0	26	0	0	967	0	967	0	967
20	0	0	10	0	10	0	10	0	0	22	0	22	0	22	0	0	843	0	843	0	843
22	0	0	5	0	5	0	5	0	0	14	0	14	0	14	0	0	648	0	648	0	648
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	5	0	5	0	5	0	0	23	0	23	0	23	0	0	1065	0	1065	0	1065
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	225	0	225	0	225	0	0	207	0	207	0	207	0	0	7407	0	7407	0	7407

Table A21. (continued). Stand, Basal Area and Stock Tables for Plot 8-3 (Control) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	15	0	15	0	15	0	0	0	0	0	0	0
6	0	0	34	0	34	0	34	0	0	0	0	0	0	0
8	0	0	161	0	161	0	161	0	0	0	0	0	0	0
10	0	0	110	0	110	0	110	0	0	0	0	0	0	0
12	0	0	713	0	713	0	713	0	0	73	0	73	0	73
14	0	0	661	0	661	0	661	0	0	188	0	188	0	188
16	0	0	660	0	660	0	660	0	0	232	0	232	0	232
18	0	0	626	0	626	0	626	0	0	454	0	454	0	454
20	0	0	562	0	562	0	562	0	0	164	0	164	0	164
22	0	0	439	0	439	0	439	0	0	312	0	312	0	312
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	764	0	764	0	764	0	0	491	0	491	0	491
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	4745	0	4745	0	4745	0	0	1914	0	1914	0	1914

Table A22. Stand, Basal Area and Stock Tables for Plot 9-1 (100 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	5	0	5	0	5	0	0	5	0	5	0	5	0	0	155	0	155	0	155
16	0	0	5	0	5	0	5	0	0	6	0	6	0	6	0	0	219	0	219	0	219
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	5	0	5	0	5	0	0	11	0	11	0	11	0	0	473	0	473	0	473
22	0	0	10	0	10	0	10	0	0	26	0	26	0	26	0	0	1030	0	1030	0	1030
24	0	0	10	0	10	0	10	0	0	31	0	31	0	31	0	0	1267	0	1267	0	1267
26	0	0	5	0	5	0	5	0	0	18	0	18	0	18	0	0	803	0	803	0	803
28	0	0	5	0	5	0	5	0	0	21	0	21	0	21	0	0	762	0	762	0	762
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	45	0	45	0	45	0	0	118	0	118	0	118	0	0	4709	0	4709	0	4709

Table A22. (continued). Stand, Basal Area and Stock Tables for Plot 9-1 (100 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	95	0	95	0	95	0	0	71	0	71	0	71
16	0	0	138	0	138	0	138	0	0	102	0	102	0	102
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	314	0	314	0	314	0	0	0	0	0	0	0
22	0	0	697	0	697	0	697	0	0	0	0	0	0	0
24	0	0	874	0	874	0	874	0	0	0	0	0	0	0
26	0	0	562	0	562	0	562	0	0	0	0	0	0	0
28	0	0	546	0	546	0	546	0	0	326	0	326	0	326
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	3226	0	3226	0	3226	0	0	499	0	499	0	499

Table A23. Stand, Basal Area and Stock Tables for Plot 9-2 (50 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	5	0	5	0	5	0	0	8	0	8	0	8	0	0	262	0	262	0	262
18	0	0	10	0	10	0	10	0	0	18	0	18	0	18	0	0	573	0	573	0	573
20	0	0	10	0	10	0	10	0	0	22	0	22	0	22	0	0	762	0	762	0	762
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	5	0	5	0	5	0	0	15	0	15	0	15	0	0	524	0	524	0	524
26	0	0	5	0	5	0	5	0	0	19	0	19	0	19	0	0	747	0	747	0	747
28	0	0	5	0	5	0	5	0	0	22	0	22	0	22	0	0	892	0	892	0	892
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	40	0	40	0	40	0	0	104	0	104	0	104	0	0	3760	0	3760	0	3760

Table A23. (continued). Stand, Basal Area and Stock Tables for Plot 9-2 (50 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	168	0	168	0	168	0	0	0	0	0	0	0
18	0	0	374	0	374	0	374	0	0	131	0	131	0	131
20	0	0	508	0	508	0	508	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	363	0	363	0	363	0	0	0	0	0	0	0
26	0	0	528	0	528	0	528	0	0	0	0	0	0	0
28	0	0	641	0	641	0	641	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	2582	0	2582	0	2582	0	0	131	0	131	0	131

Table A24. Stand, Basal Area and Stock Tables for Plot 9-3 (Control) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	10	0	10	0	10	0	0	6	0	6	0	6	0	0	170	0	170	0	170
12	0	0	35	0	35	0	35	0	0	26	0	26	0	26	0	0	714	0	714	0	714
14	0	0	30	0	30	0	30	0	0	31	0	31	0	31	0	0	982	0	982	0	982
16	0	0	20	0	20	0	20	0	0	27	0	27	0	27	0	0	887	0	887	0	887
18	0	0	15	0	15	0	15	0	0	25	0	25	0	25	0	0	808	0	808	0	808
20	0	0	10	0	10	0	10	0	0	23	0	23	0	23	0	0	879	0	879	0	879
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	15	0	15	0	15	0	0	46	0	46	0	46	0	0	1901	0	1901	0	1901
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	135	0	135	0	135	0	0	184	0	184	0	184	0	0	6341	0	6341	0	6341

Table A24. (continued). Stand, Basal Area and Stock Tables for Plot 9-3 (Control) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	98	0	98	0	98	0	0	0	0	0	0	0
12	0	0	425	0	425	0	425	0	0	46	0	46	0	46
14	0	0	605	0	605	0	605	0	0	82	0	82	0	82
16	0	0	562	0	562	0	562	0	0	111	0	111	0	111
18	0	0	525	0	525	0	525	0	0	0	0	0	0	0
20	0	0	586	0	586	0	586	0	0	229	0	229	0	229
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	1309	0	1309	0	1309	0	0	291	0	291	0	291
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	4110	0	4110	0	4110	0	0	759	0	759	0	759

Table A25. Stand, Basal Area and Stock Tables for Plot 10-1 (50 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	5	0	5	0	5	0	0	3	0	3	0	3	0	0	70	0	70	0	70
12	0	0	5	0	5	0	5	0	0	4	0	4	0	4	0	0	110	0	110	0	110
14	0	0	20	0	20	0	20	0	0	20	0	20	0	20	0	0	600	0	600	0	600
16	0	0	10	0	10	0	10	0	0	14	0	14	0	14	0	0	416	0	416	0	416
18	0	0	20	0	20	0	20	0	0	36	0	36	0	36	0	0	1173	0	1173	0	1173
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	60	0	60	0	60	0	0	77	0	77	0	77	0	0	2369	0	2369	0	2369

Table A25. (continued). Stand, Basal Area and Stock Tables for Plot 10-1 (50 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	40	0	40	0	40	0	0	0	0	0	0	0
12	0	0	67	0	67	0	67	0	0	0	0	0	0	0
14	0	0	370	0	370	0	370	0	0	0	0	0	0	0
16	0	0	266	0	266	0	266	0	0	0	0	0	0	0
18	0	0	766	0	766	0	766	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1509	0	1509	0	1509	0	0	0	0	0	0	0

Table A26. Stand, Basal Area and Stock Tables for Plot 10-2 (Control) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	5	0	5	0	5	0	0	0	0	0	0	0	0	0	3	0	3	0	3
6	0	0	15	0	15	0	15	0	0	3	0	3	0	3	0	0	36	0	36	0	36
8	0	0	10	0	10	0	10	0	0	4	0	4	0	4	0	0	70	0	70	0	70
10	0	0	5	0	5	0	5	0	0	2	0	2	0	2	0	0	48	0	48	0	48
12	0	0	30	0	30	0	30	0	0	24	0	24	0	24	0	0	499	0	499	0	499
14	0	0	10	0	10	0	10	0	0	10	0	10	0	10	0	0	305	0	305	0	305
16	0	0	10	0	10	0	10	0	0	13	0	13	0	13	0	0	312	0	312	0	312
18	0	0	10	0	10	0	10	0	0	18	0	18	0	18	0	0	600	0	600	0	600
20	0	0	15	0	15	0	15	0	0	31	0	31	0	31	0	0	911	0	911	0	911
22	0	0	10	0	10	0	10	0	0	26	0	26	0	26	0	0	795	0	795	0	795
24	0	0	5	0	5	0	5	0	0	15	0	15	0	15	0	0	626	0	626	0	626
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	125	0	125	0	125	0	0	146	0	146	0	146	0	0	4205	0	4205	0	4205

Table A26. (continued). Stand, Basal Area and Stock Tables for Plot 10-2 (Control) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	1	0	1	0	1	0	0	0	0	0	0	0
6	0	0	19	0	19	0	19	0	0	0	0	0	0	0
8	0	0	39	0	39	0	39	0	0	0	0	0	0	0
10	0	0	27	0	27	0	27	0	0	0	0	0	0	0
12	0	0	300	0	300	0	300	0	0	50	0	50	0	50
14	0	0	188	0	188	0	188	0	0	0	0	0	0	0
16	0	0	200	0	200	0	200	0	0	0	0	0	0	0
18	0	0	391	0	391	0	391	0	0	0	0	0	0	0
20	0	0	607	0	607	0	607	0	0	0	0	0	0	0
22	0	0	541	0	541	0	541	0	0	0	0	0	0	0
24	0	0	430	0	430	0	430	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	2743	0	2743	0	2743	0	0	50	0	50	0	50

Table A27. Stand, Basal Area and Stock Tables for Plot 10-3 (100 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	STAND TABLE (Stems per Acre)							BASAL AREA TABLE (Square Feet per Acre)							TOTAL VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	10	0	10	0	10	0	0	7	0	7	0	7	0	0	214	0	214	0	214
14	0	0	25	0	25	0	25	0	0	26	0	26	0	26	0	0	785	0	785	0	785
16	0	0	45	0	45	0	45	0	0	63	0	63	0	63	0	0	2089	0	2089	0	2089
18	0	0	15	0	15	0	15	0	0	27	0	27	0	27	0	0	915	0	915	0	915
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	95	0	95	0	95	0	0	123	0	123	0	123	0	0	4003	0	4003	0	4003

Table A27. (continued). Stand, Basal Area and Stock Tables for Plot 10-3 (100 sq. ft./ac) measured in 2001.
CLO is Coast Live Oak. Seventeen-year Inventory - 2001.

	WOOD VOLUME TABLE (Cubic Feet per Acre)							SAWLOG VOLUME TABLE (Cubic Feet per Acre)						
Dbh	Ingrowth		Residual		Total		All Species	Ingrowth		Residual		Total		All Species
(in)	CLO	Other	CLO	Other	CLO	Other	Total	CLO	Other	CLO	Other	CLO	Other	Total
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	127	0	127	0	127	0	0	0	0	0	0	0
14	0	0	485	0	485	0	485	0	0	92	0	92	0	92
16	0	0	1328	0	1328	0	1328	0	0	218	0	218	0	218
18	0	0	597	0	597	0	597	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	2537	0	2537	0	2537	0	0	310	0	310	0	310

APPENDIX B

Stem Maps For The 2001 Inventory

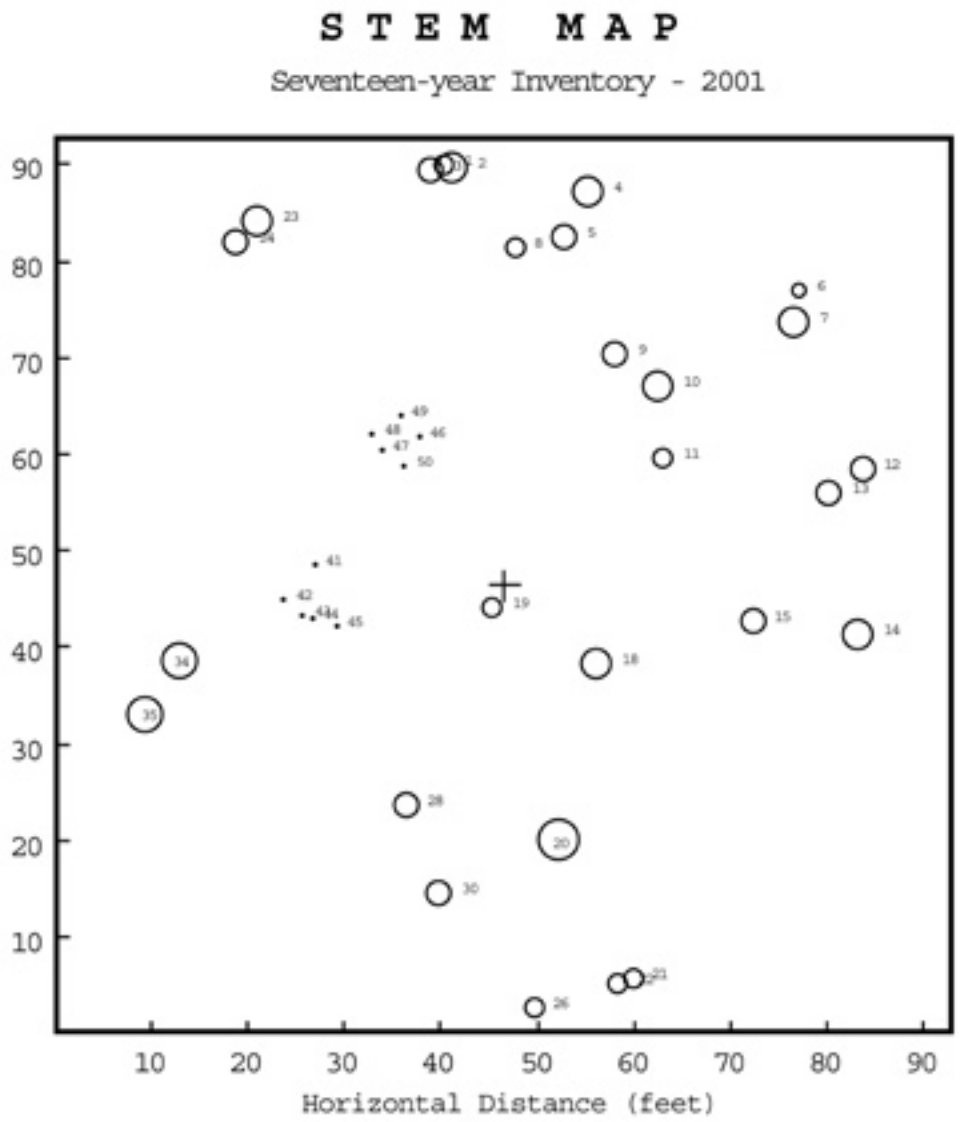

Figure B1. Stem map showing relative tree basal area for Plot 1-1 (100 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

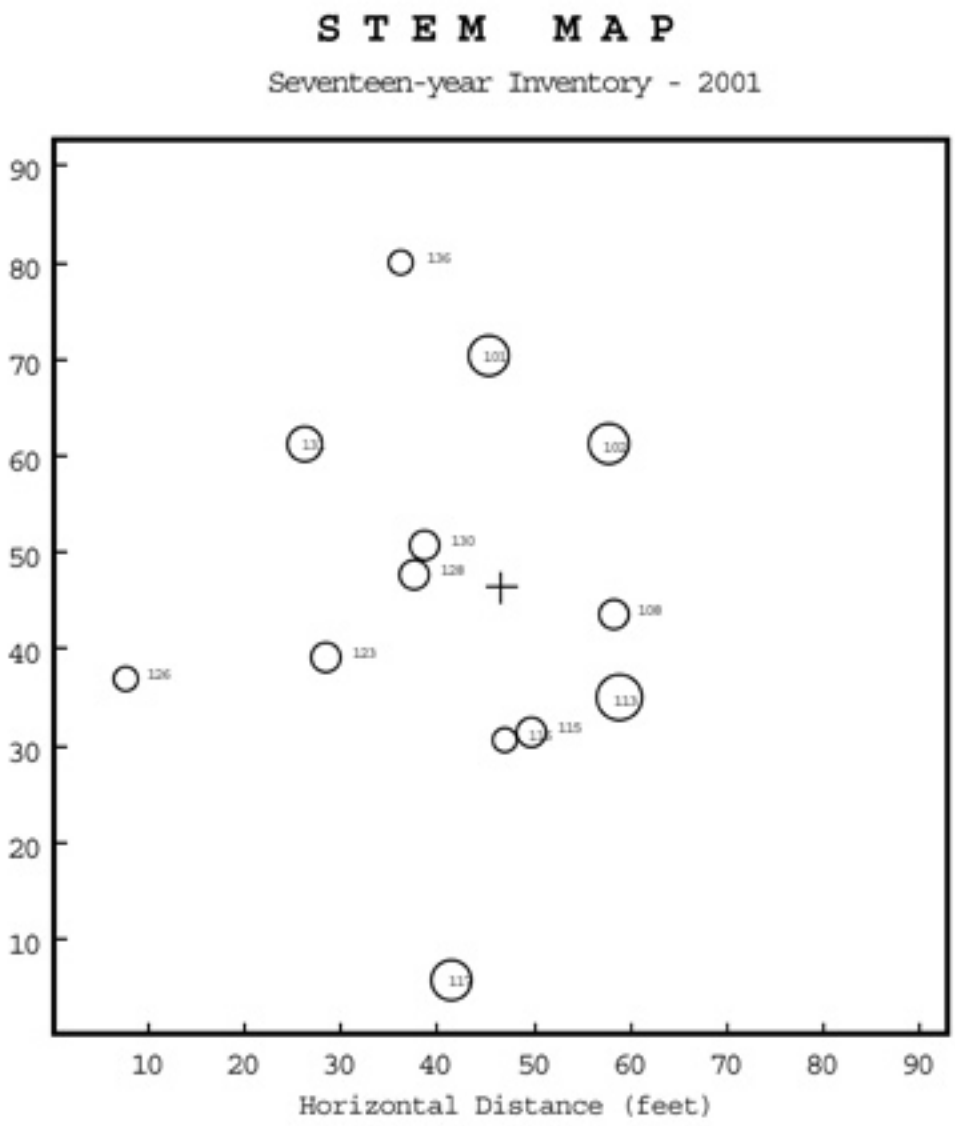

Figure B2. Stem map showing relative tree basal area for Plot 1-2 (Control Plot). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

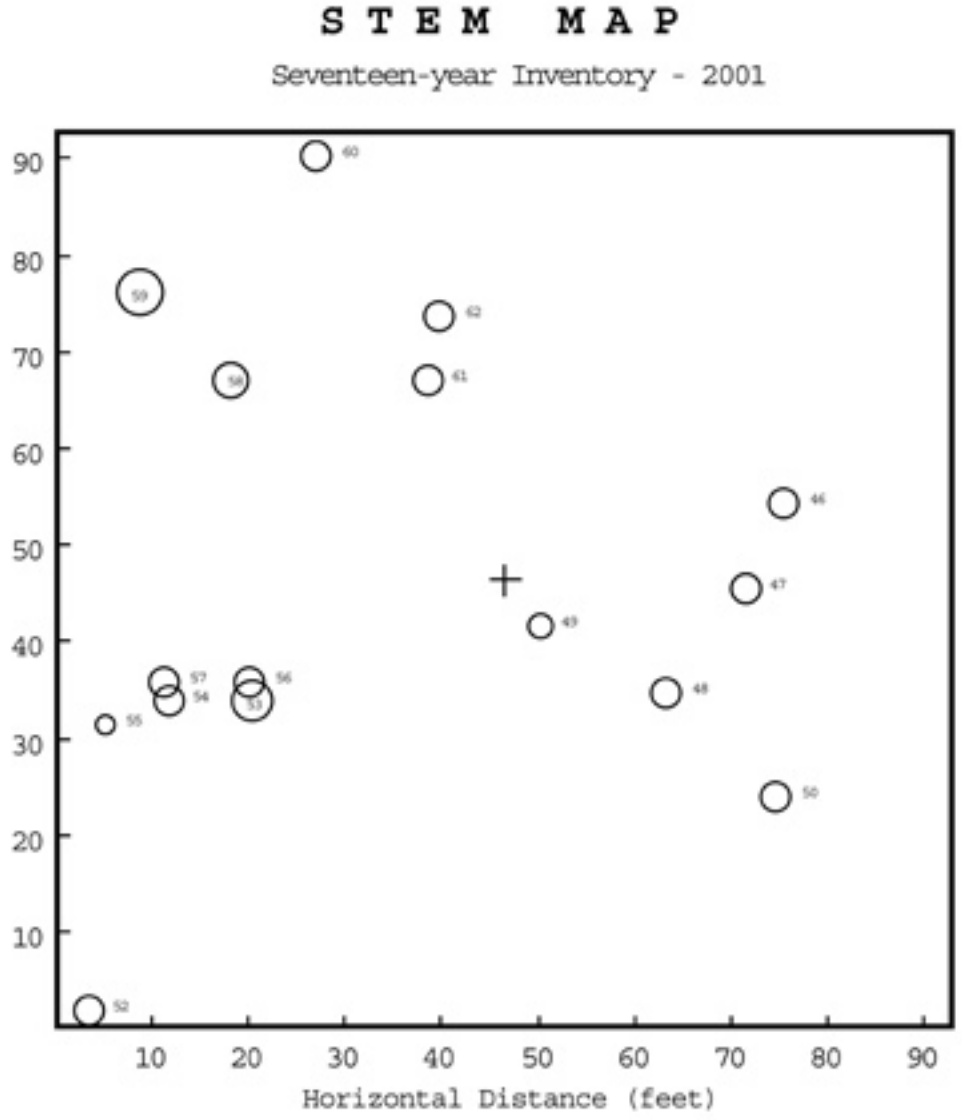

Figure B3. Stem map showing relative tree basal area for Plot 1-3 (50 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

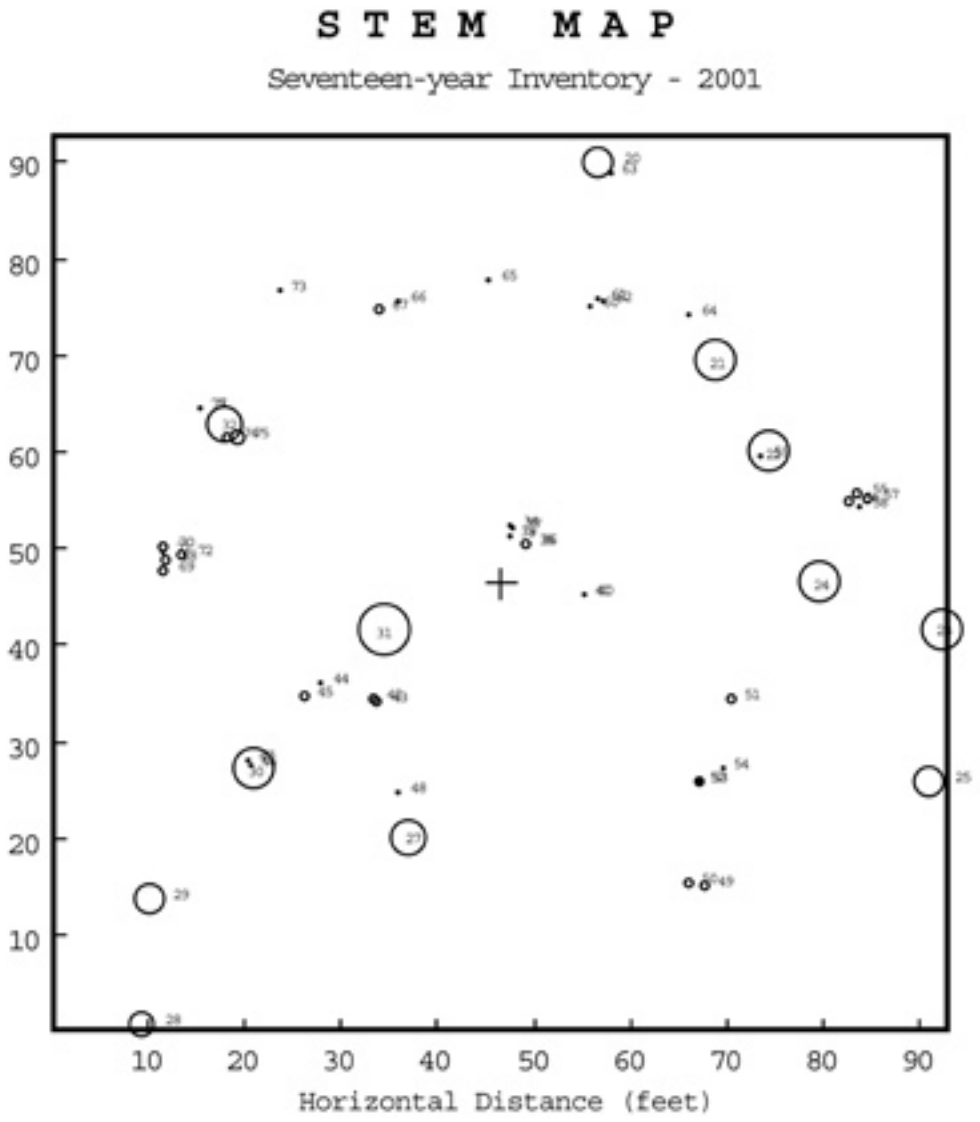

Figure B4. Stem map showing relative tree basal area for Plot 2-1 (50 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

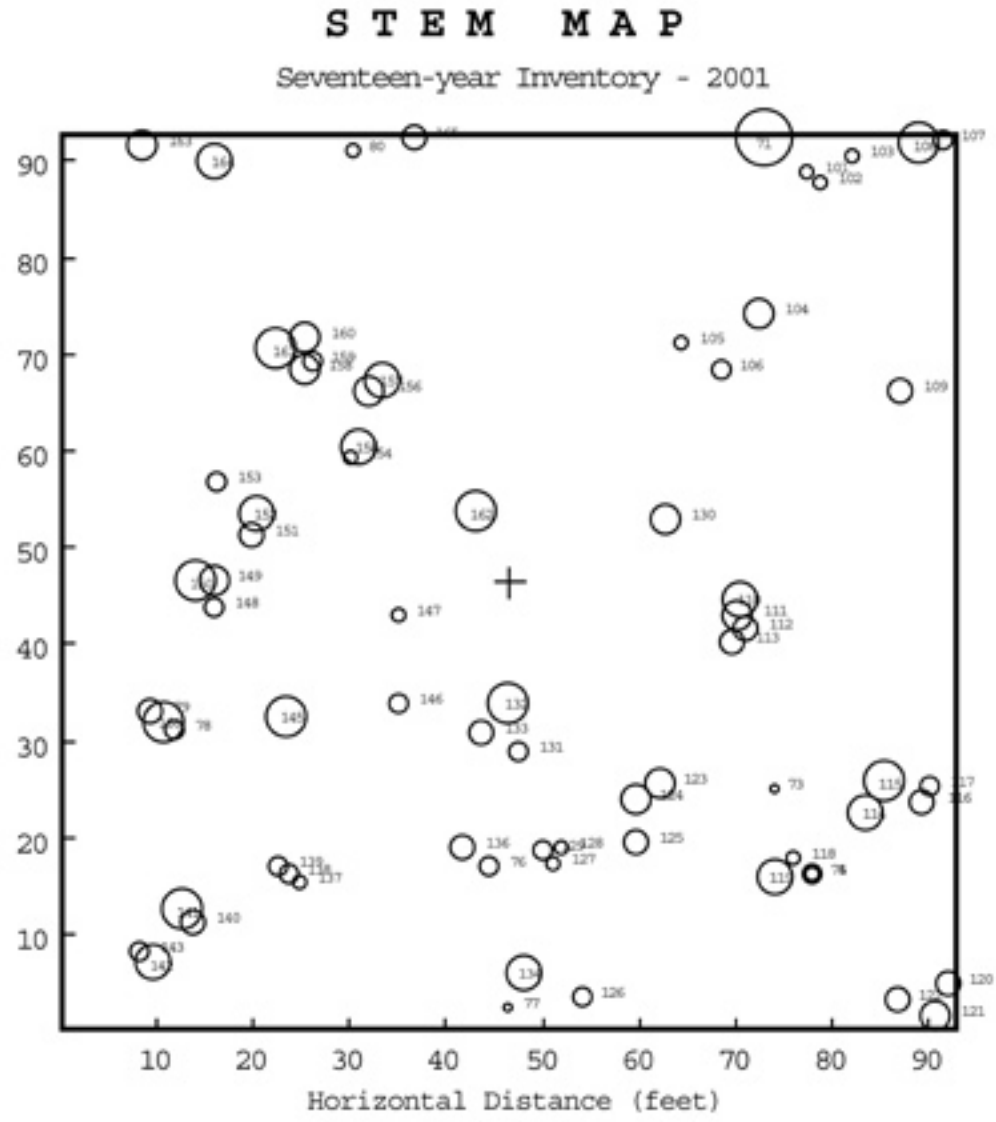

Figure B5. Stem map showing relative tree basal area for Plot 2-2 (Control Plot). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

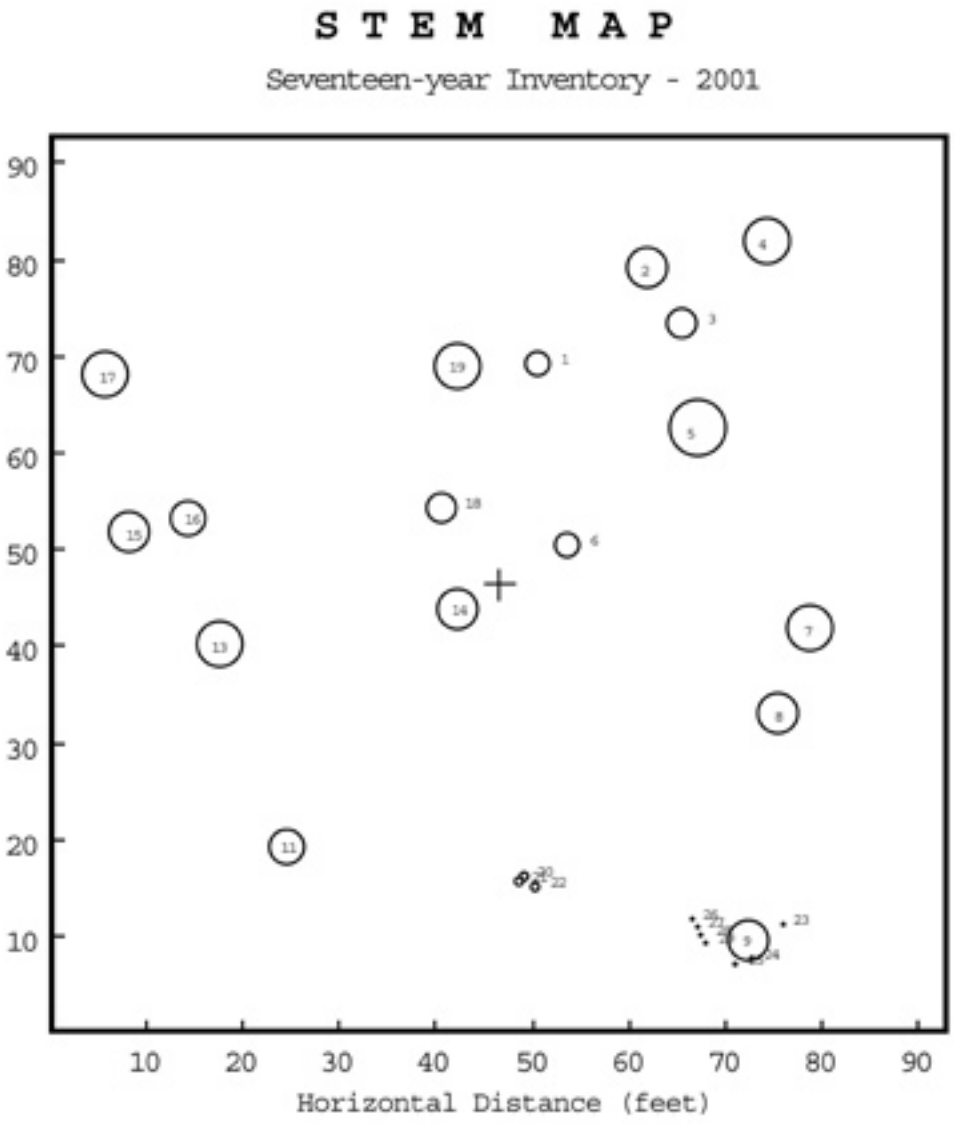

Figure B6. Stem map showing relative tree basal area for Plot 2-3 (100 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

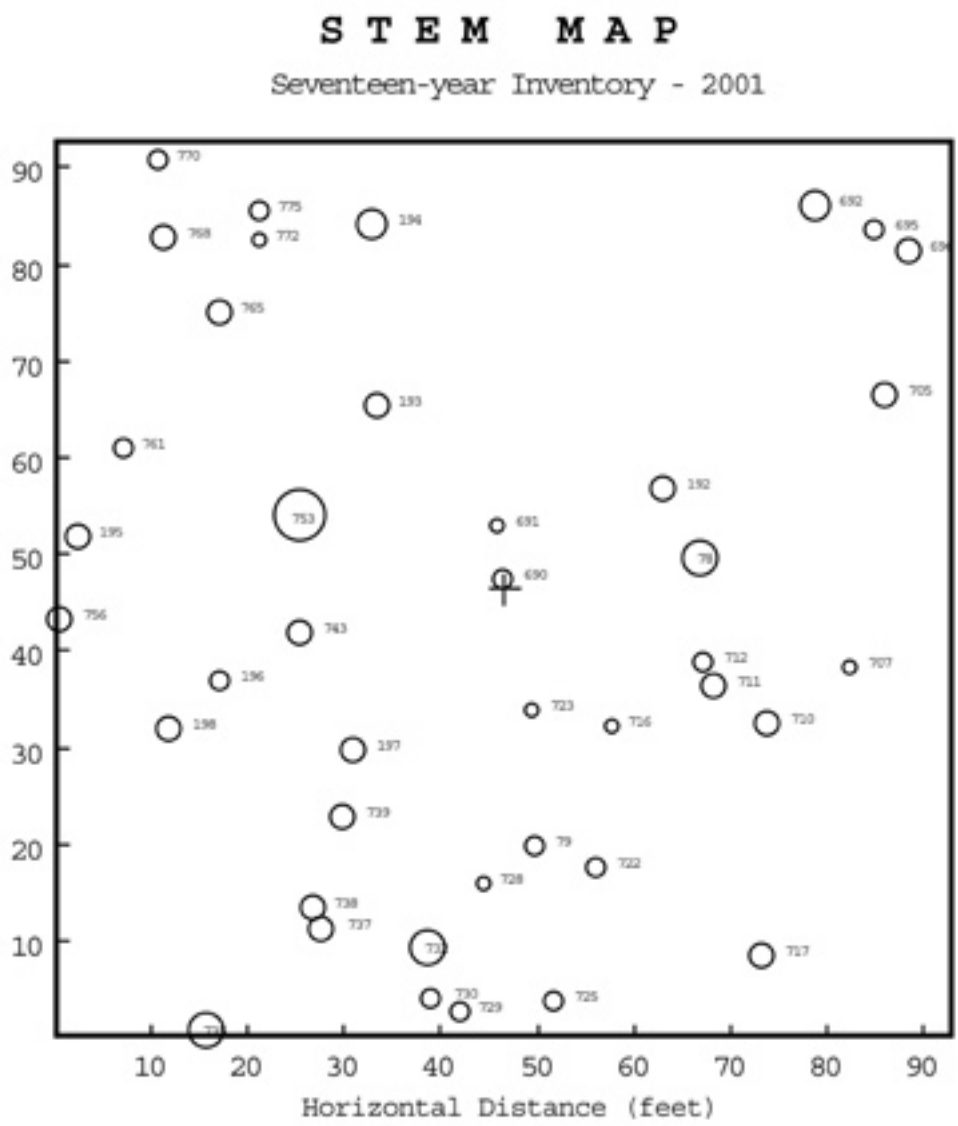

Figure B7. Stem map showing relative tree basal area for Plot 3-1 (50 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

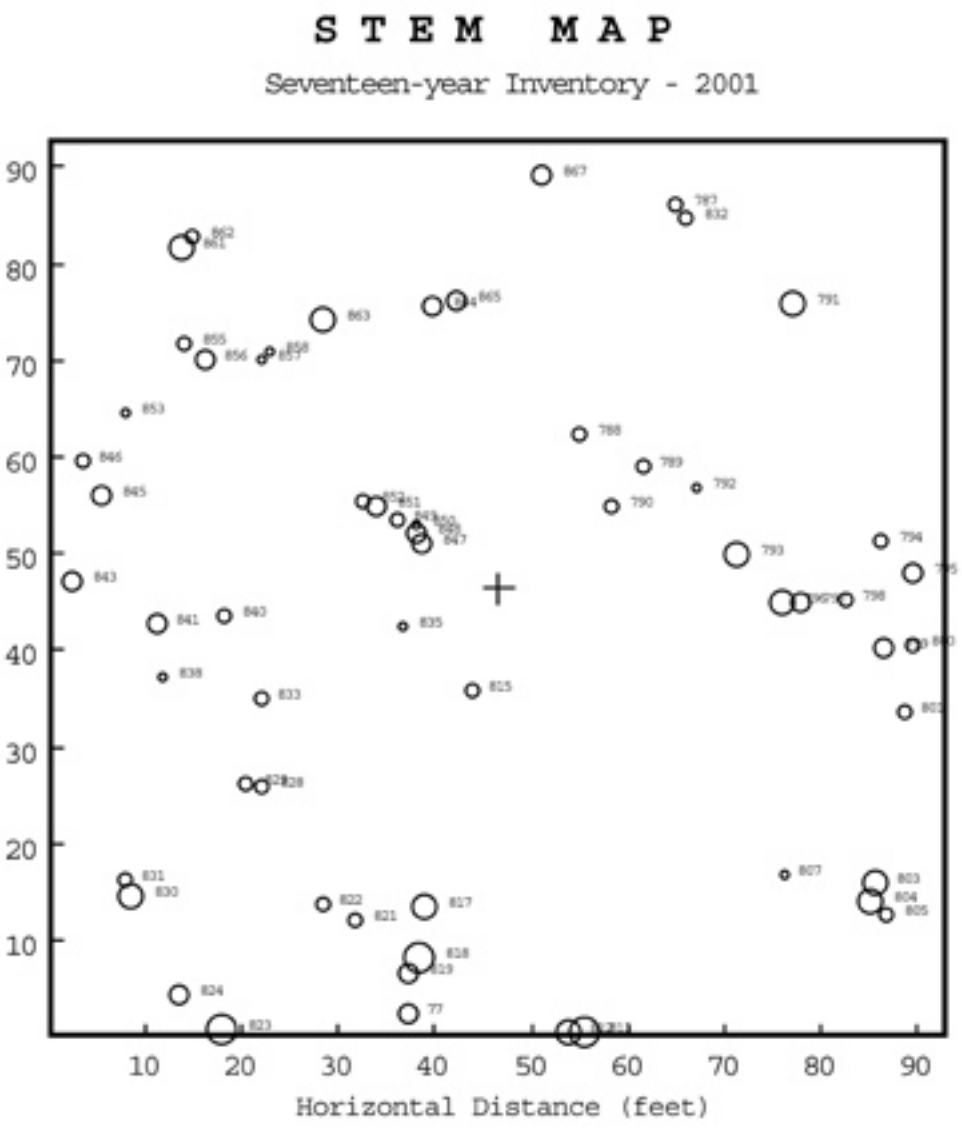

Figure B8. Stem map showing relative tree basal area for Plot 3-2 (100 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

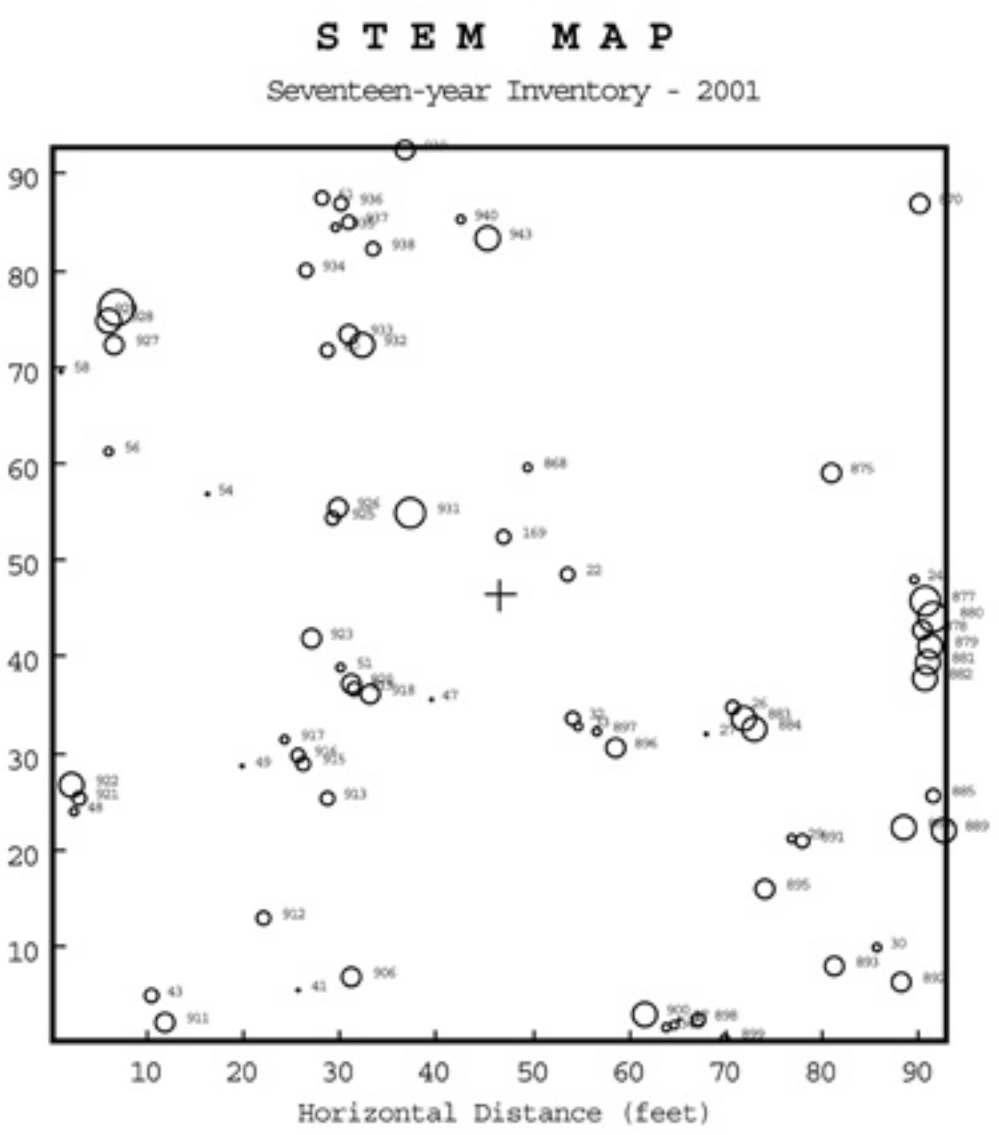

Figure B9. Stem map showing relative tree basal area for Plot 3-3 (Control Plot). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

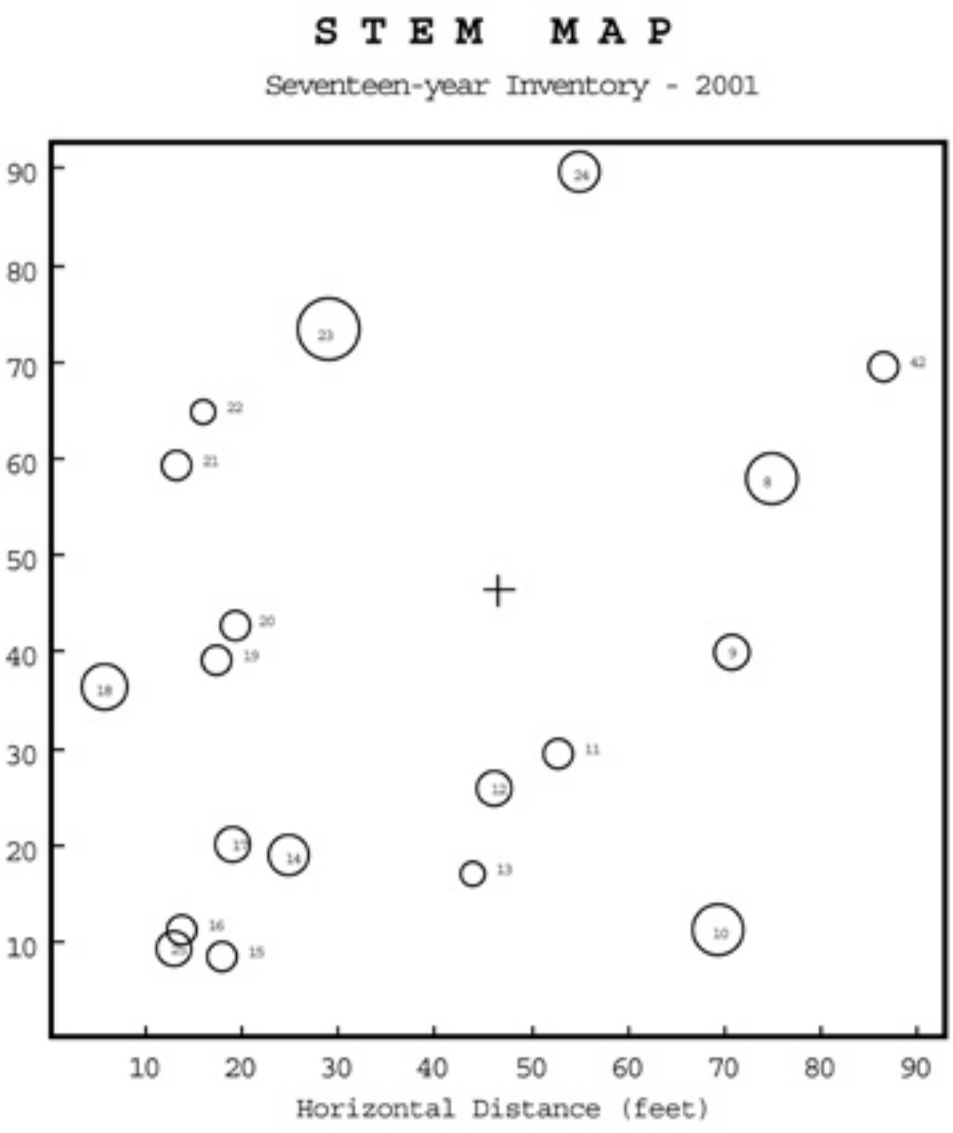

Figure B10. Stem map showing relative tree basal area for Plot 4-1 (100 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

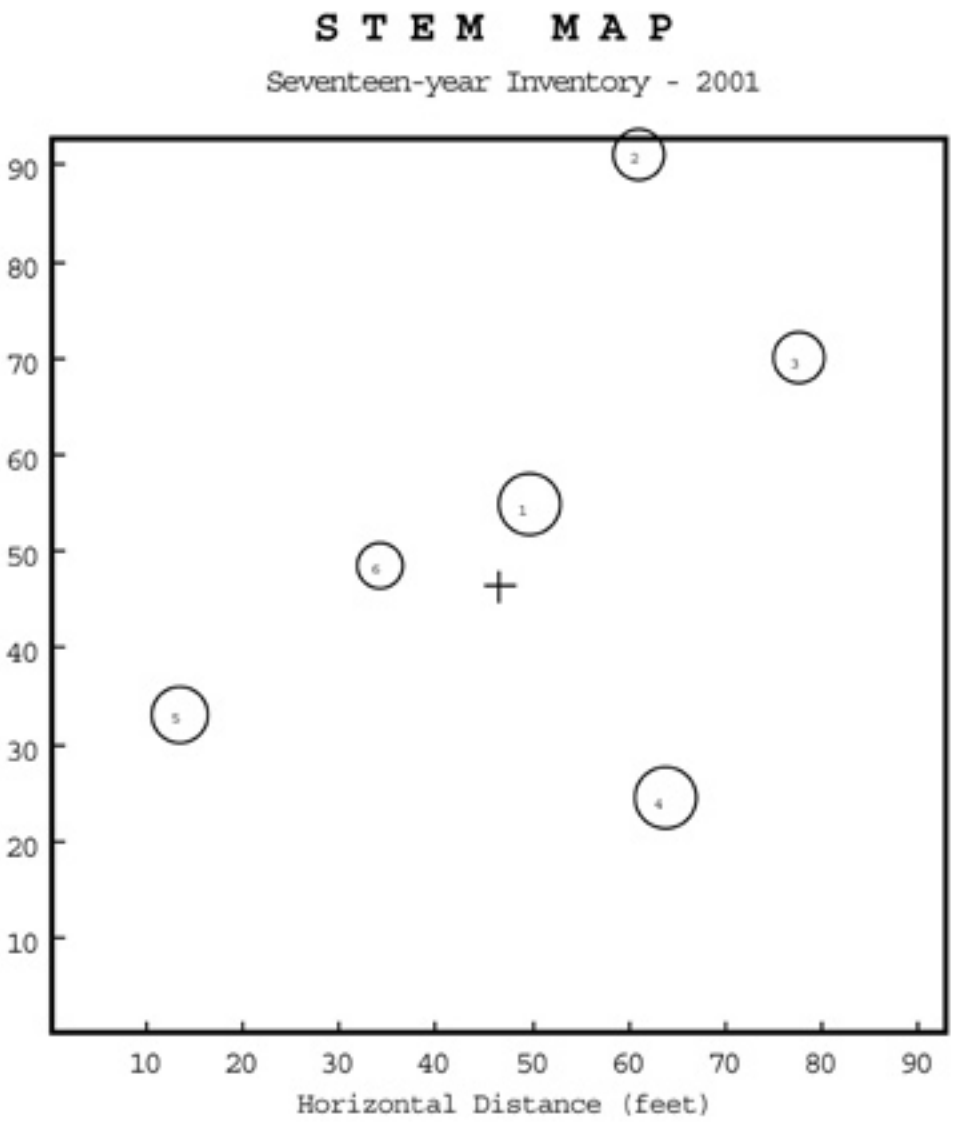

Figure B11. Stem map showing relative tree basal area for Plot 4-2 (50 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

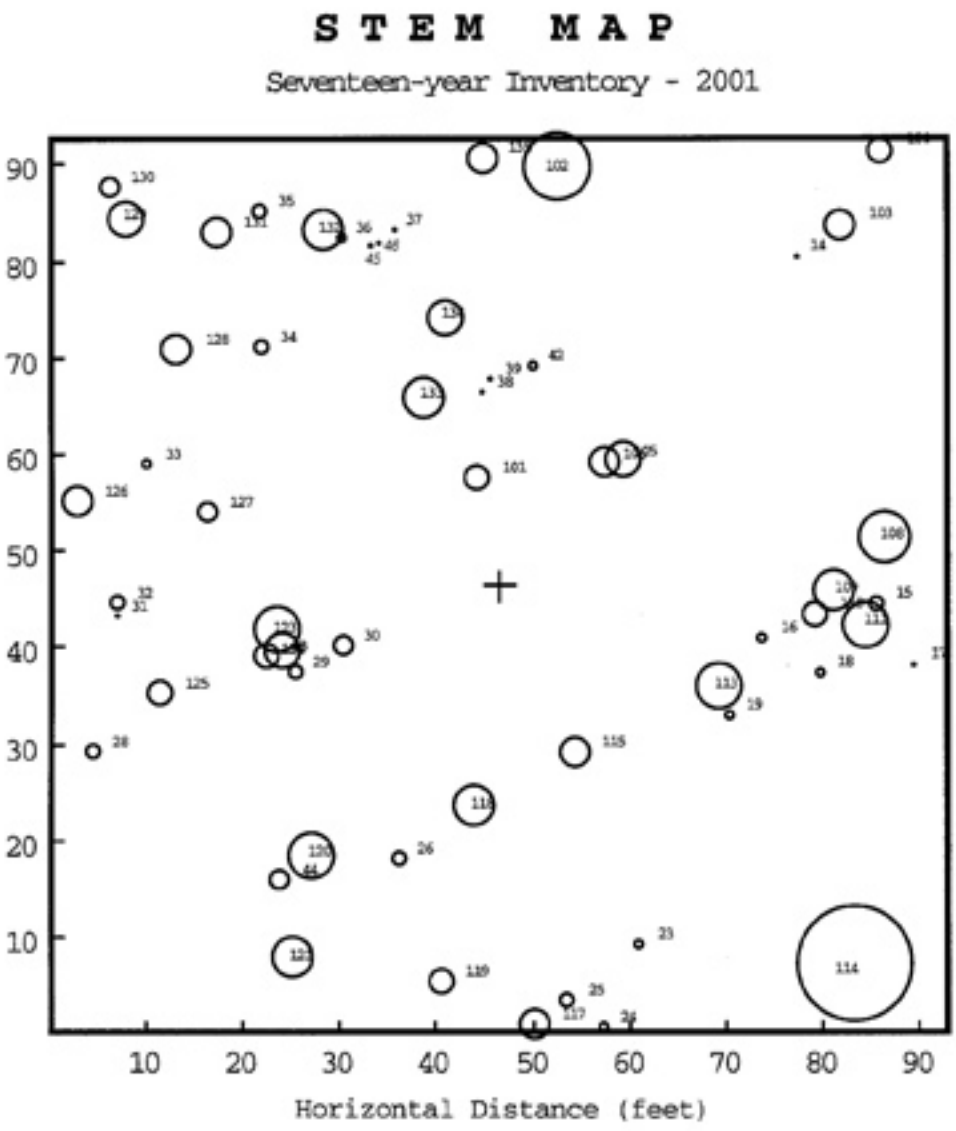

Figure B12. Stem map showing relative tree basal area for Plot 4-3 (Control Plot). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

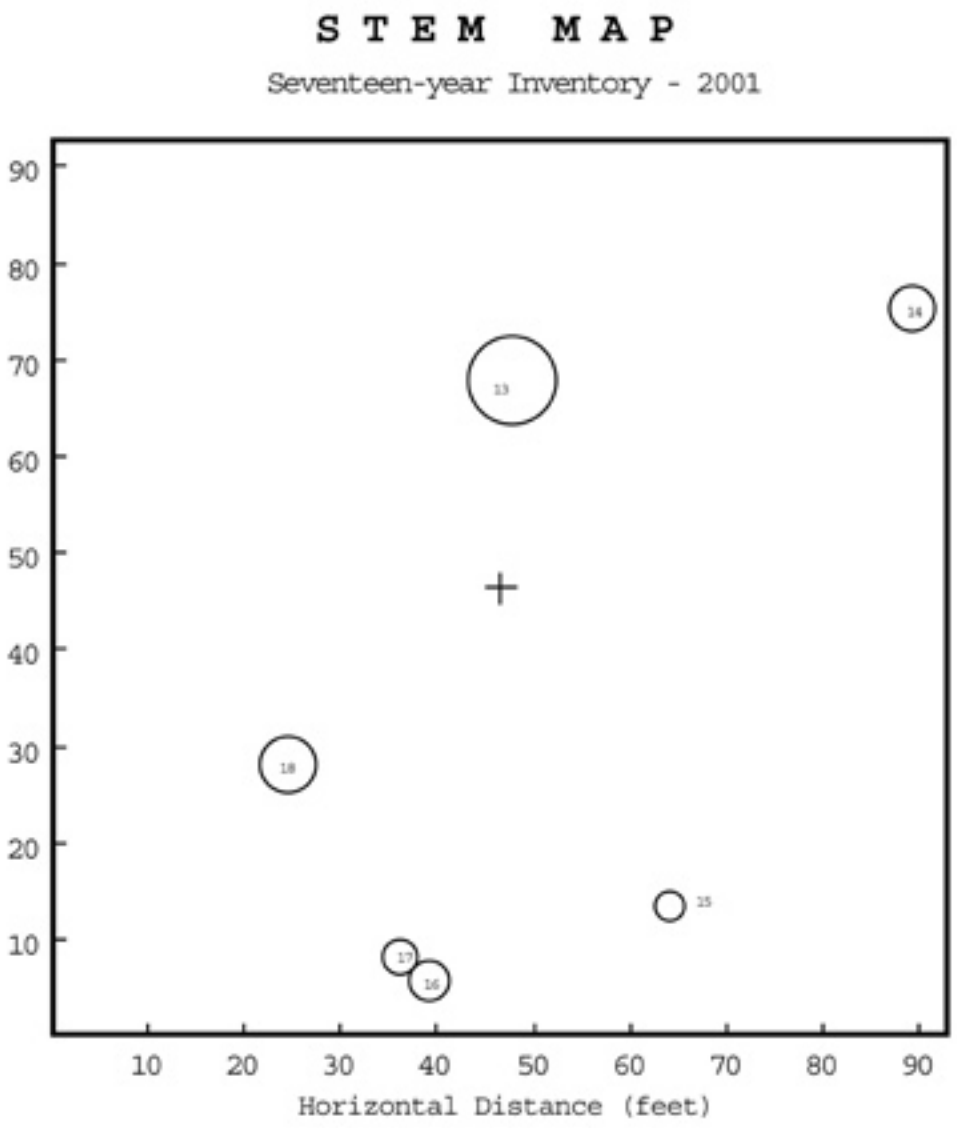

Figure B13. Stem map showing relative tree basal area for Plot 5-1 (50 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

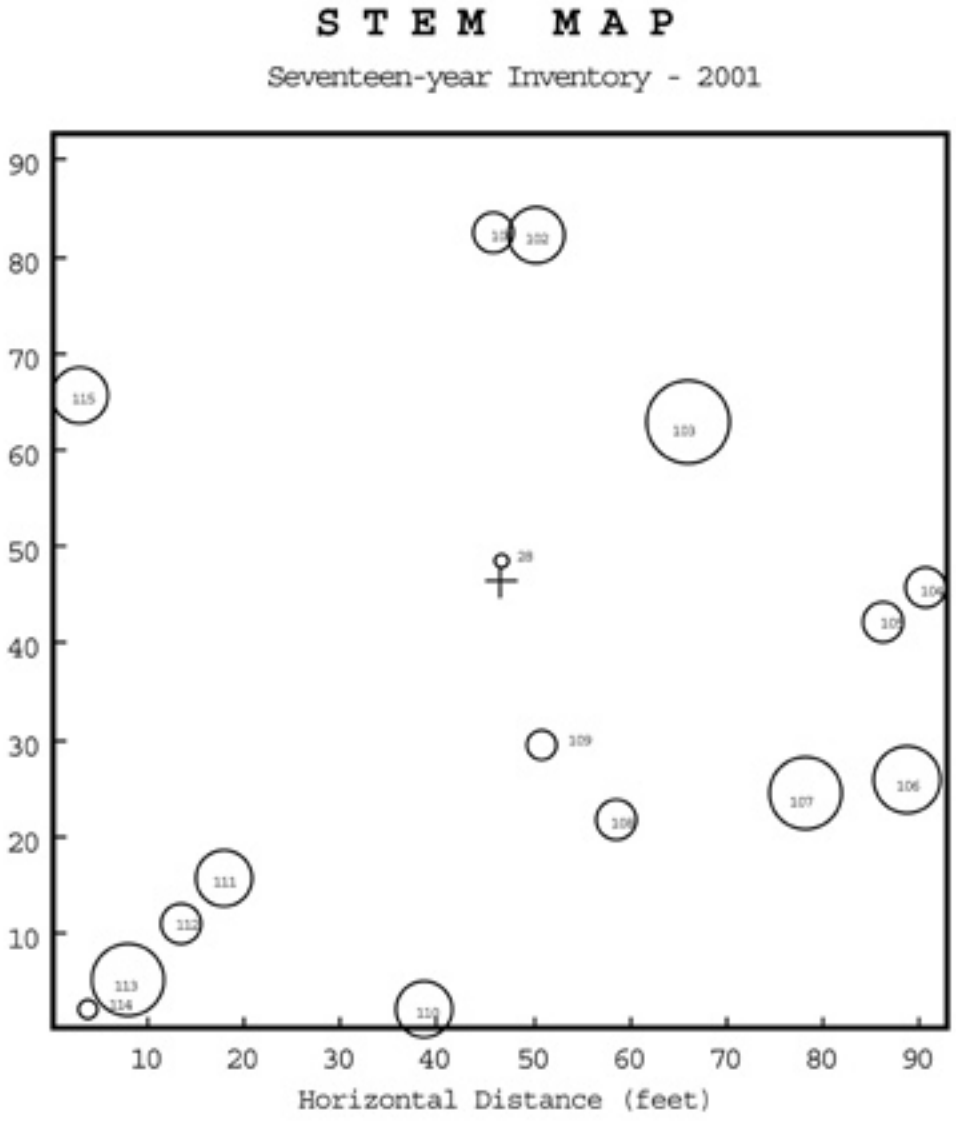

Figure B14. Stem map showing relative tree basal area for Plot 5-2 (Control Plot). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

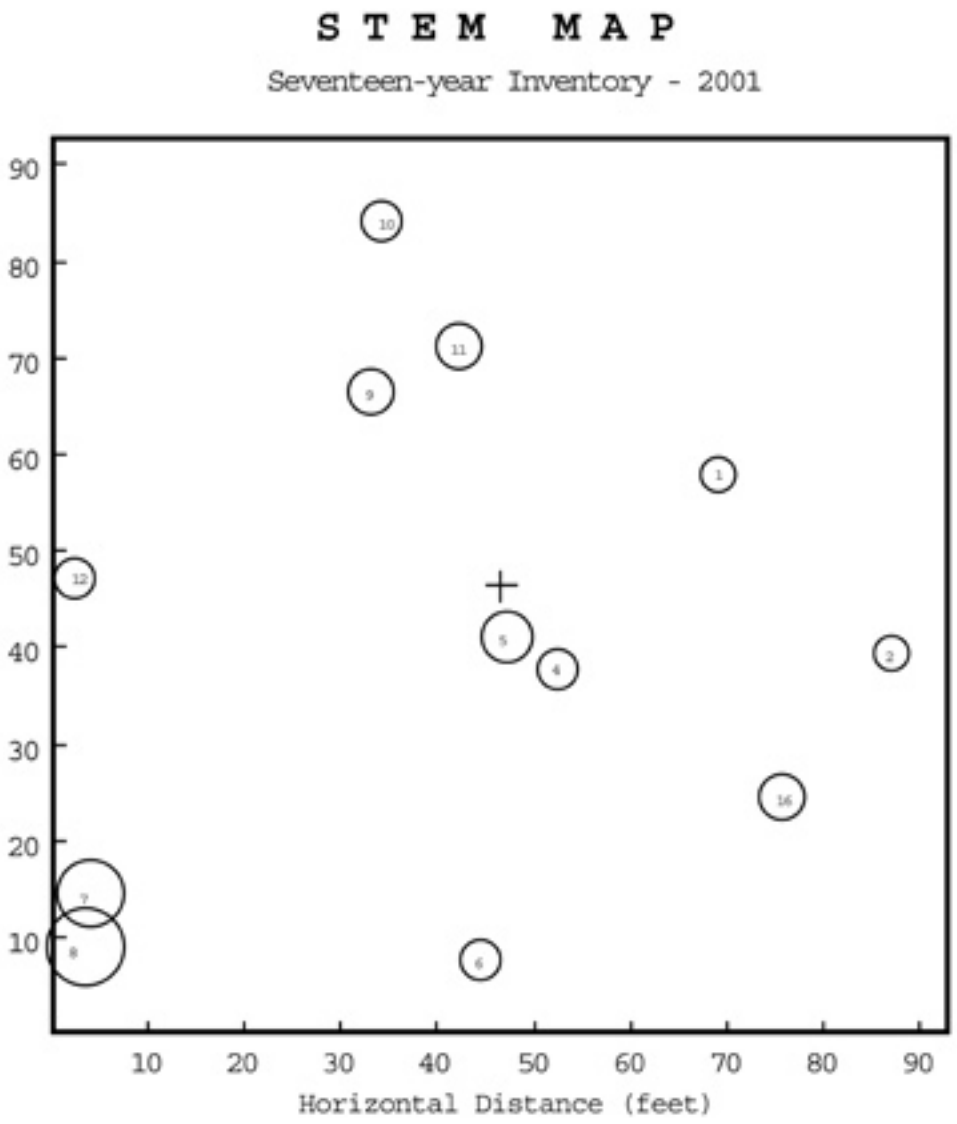

Figure B15. Stem map showing relative tree basal area for Plot 5-3 (100 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

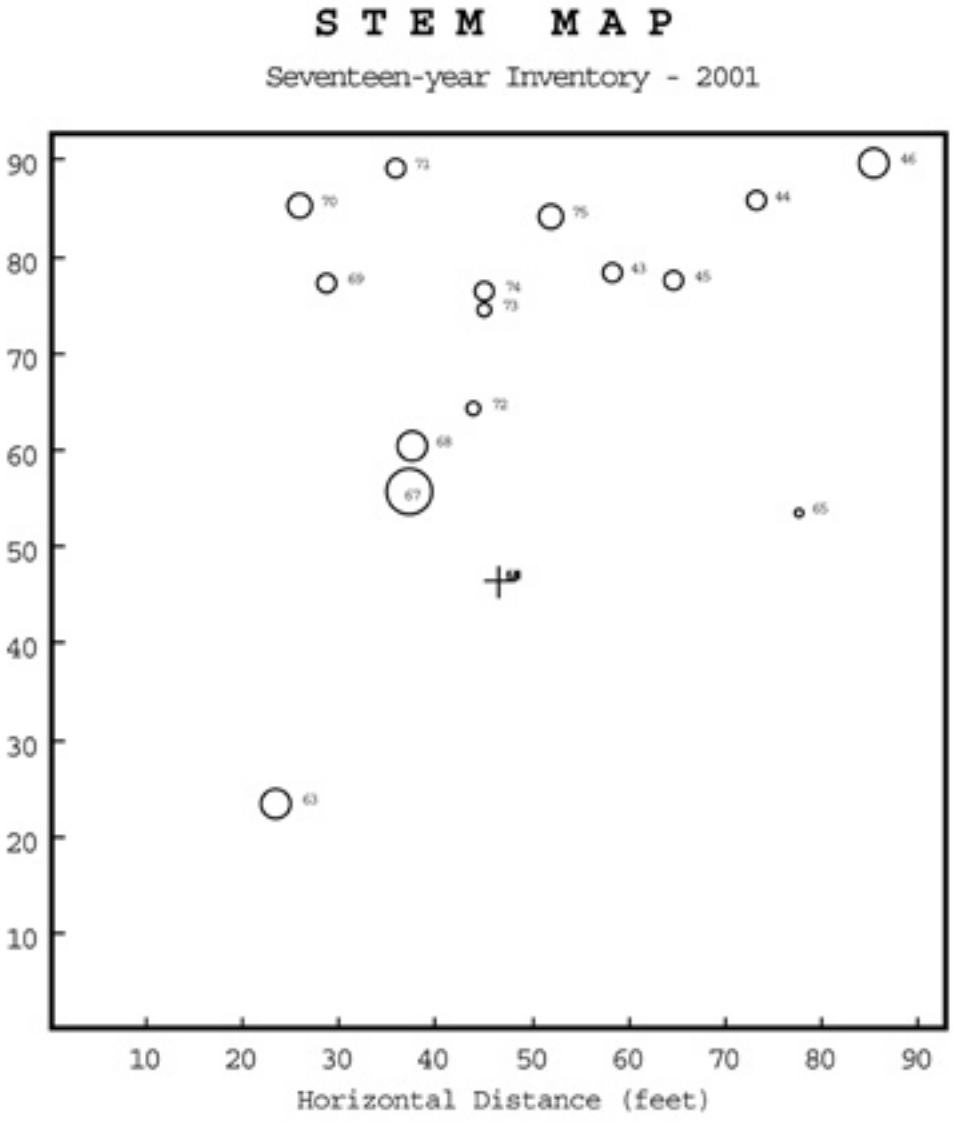

Figure B16. Stem map showing relative tree basal area for Plot 6-1 (50 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

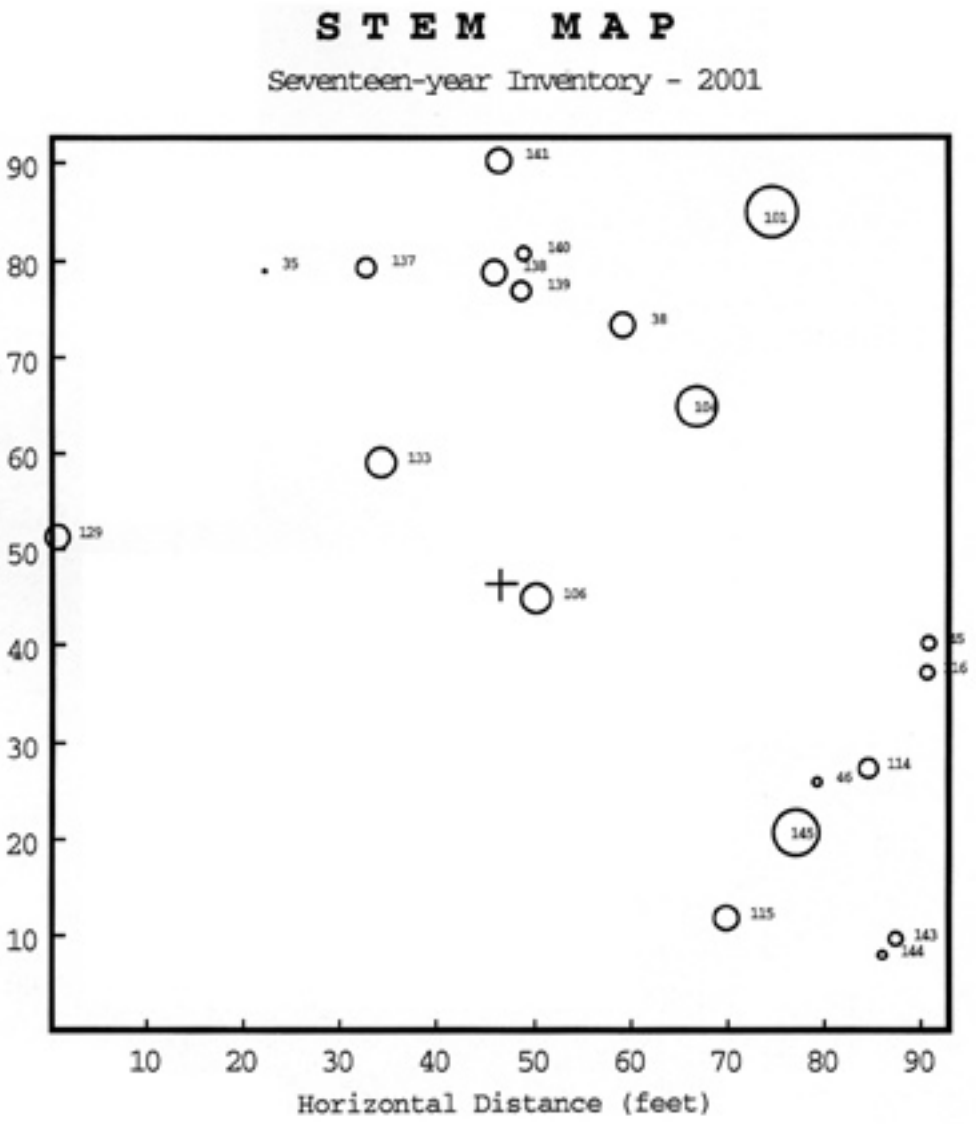

Figure B17. Stem map showing relative tree basal area for Plot 6-2 (Control Plot). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

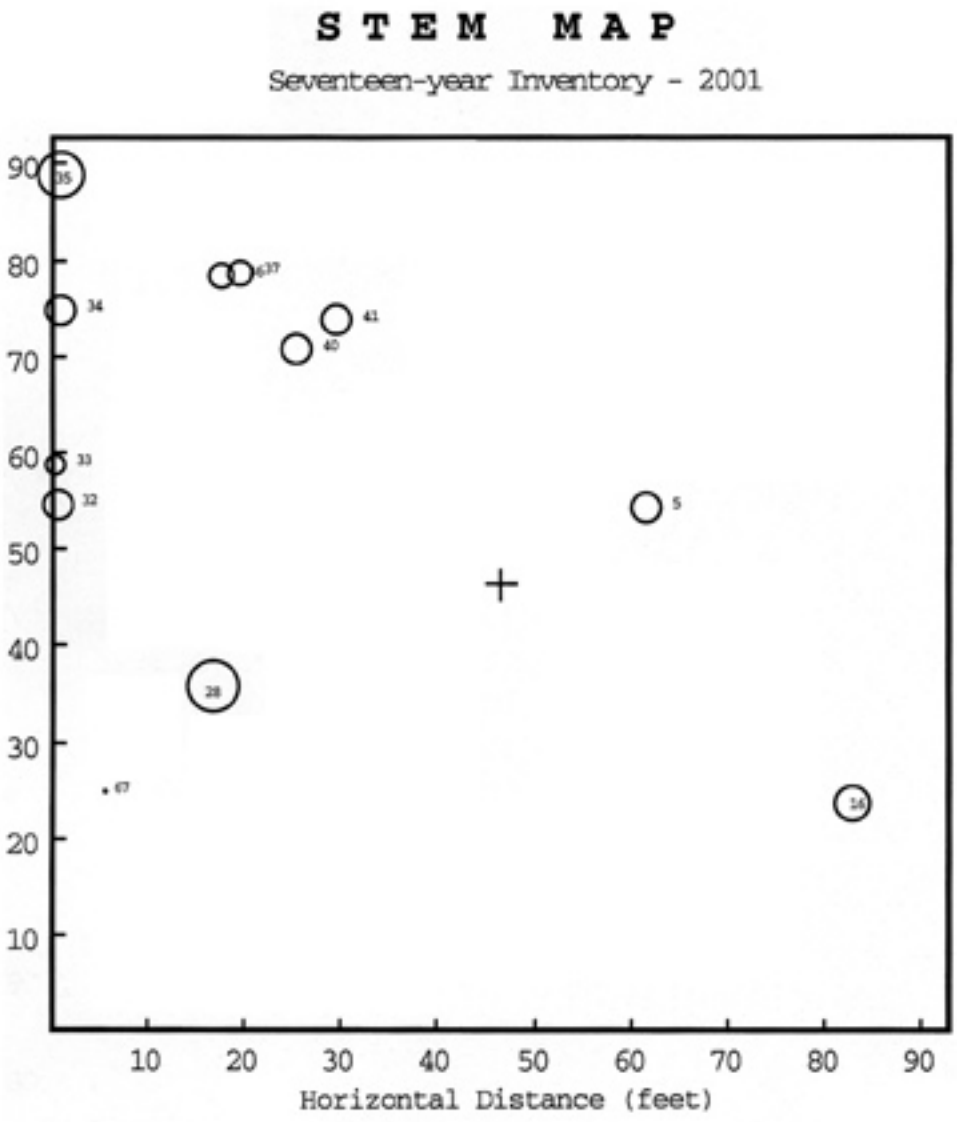

Figure B18. Stem map showing relative tree basal area for Plot 6-3 (100 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

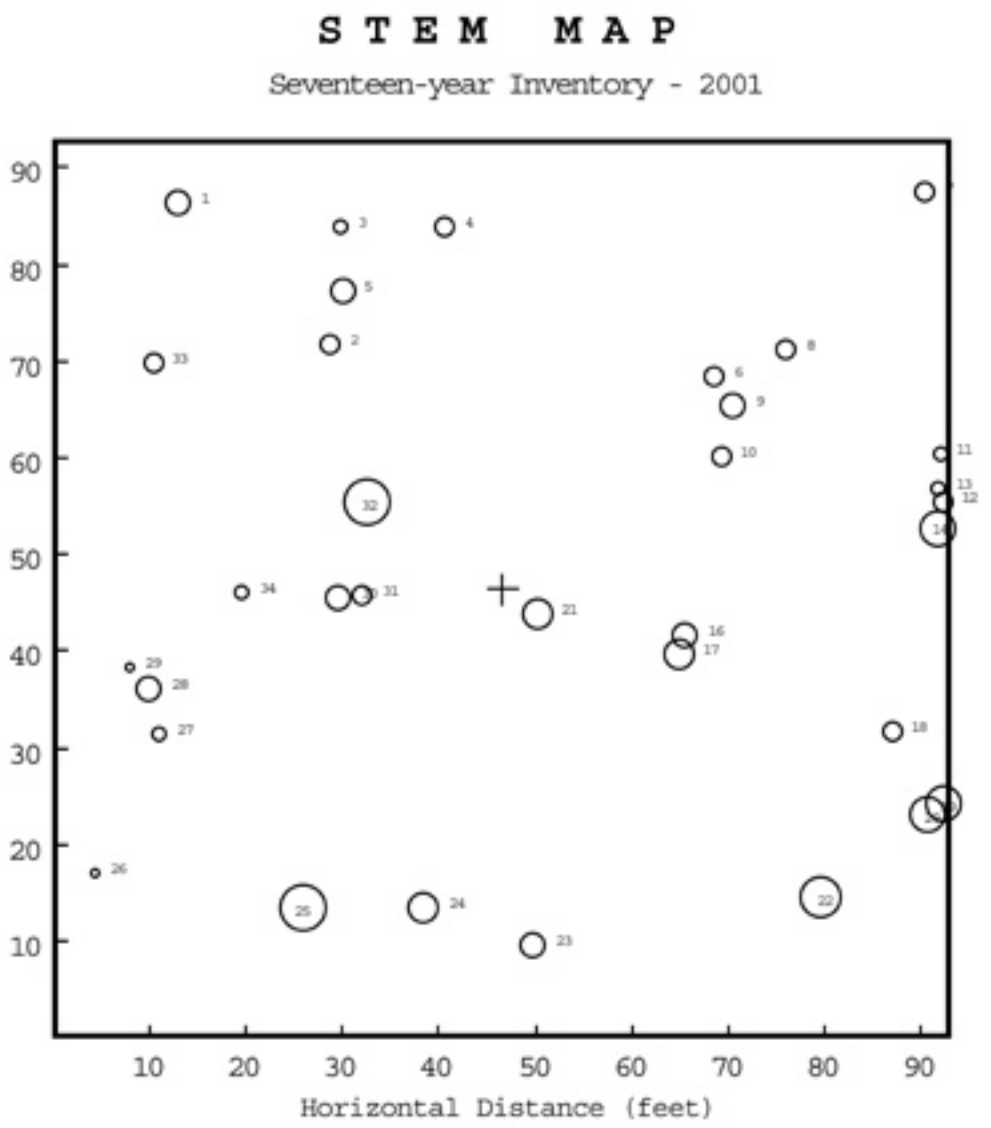

Figure B19. Stem map showing relative tree basal area for Plot 7-1 (100 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

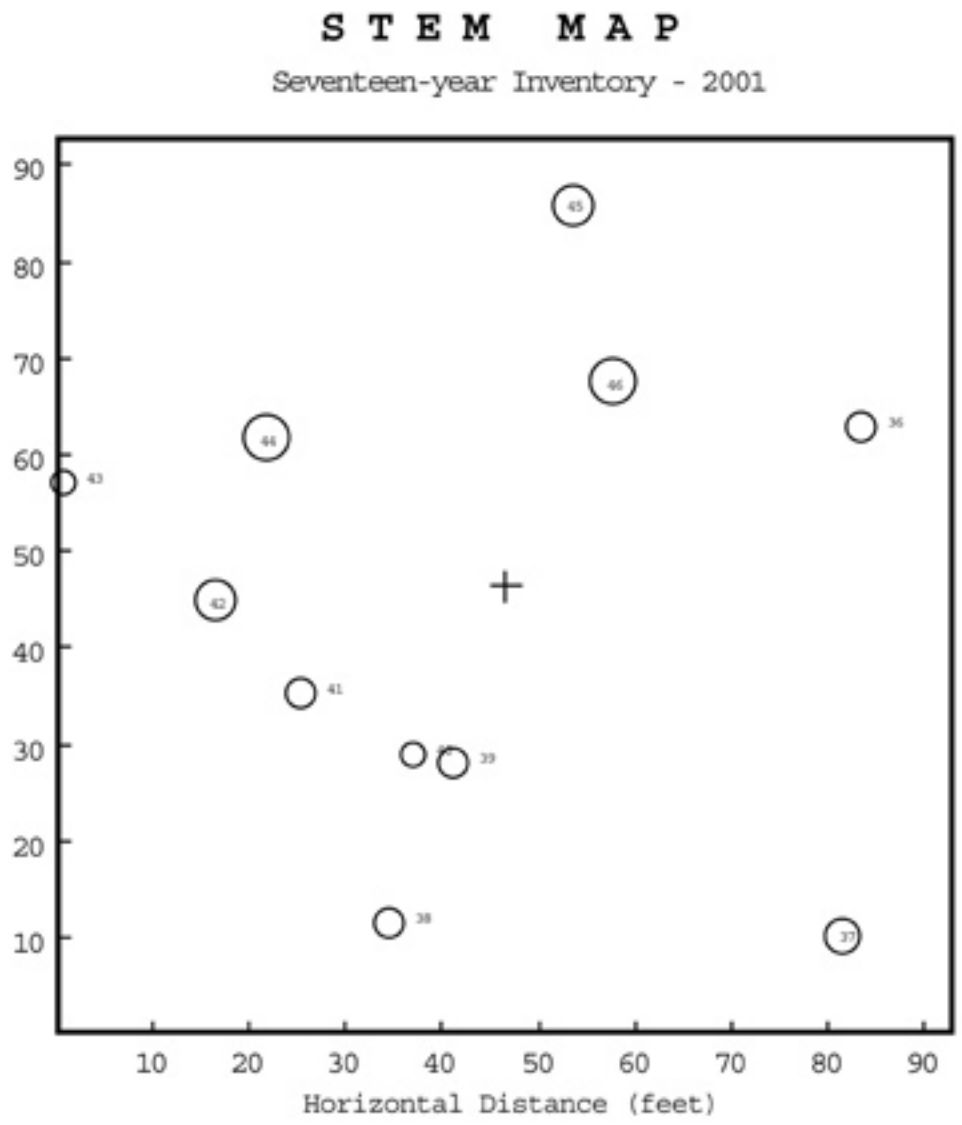

Figure B20. Stem map showing relative tree basal area for Plot 7-2 (50 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

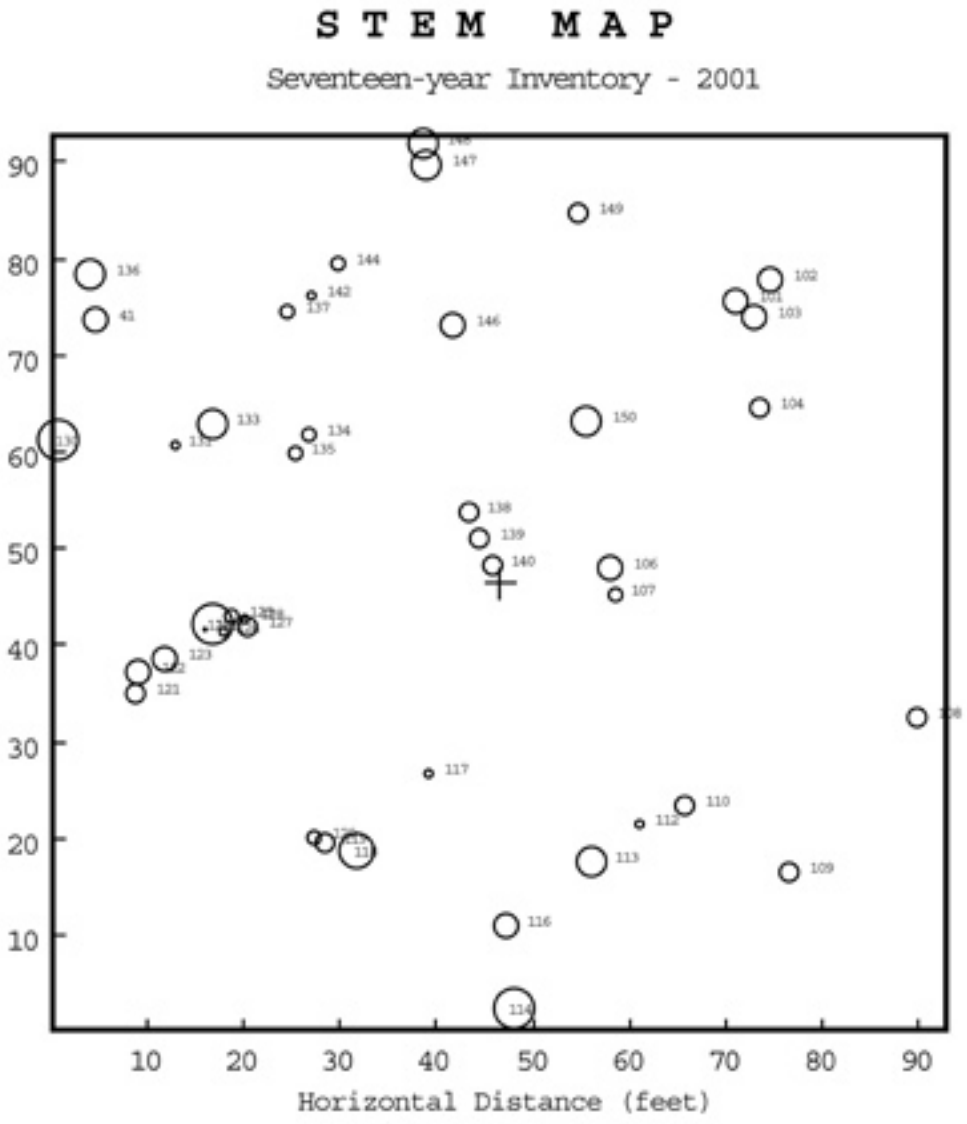

Figure B21. Stem map showing relative tree basal area for Plot 7-3 (Control Plot). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

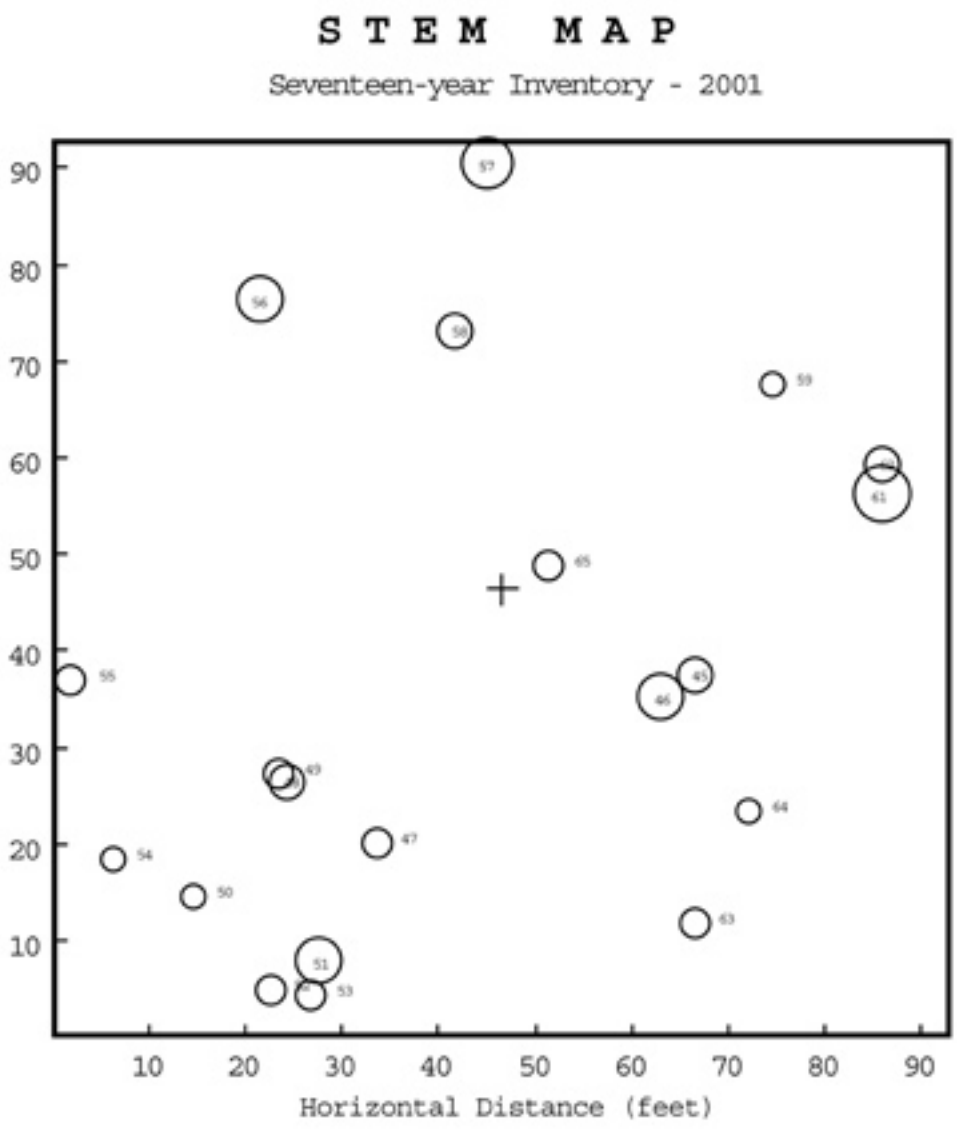

Figure B22. Stem map showing relative tree basal area for Plot 8-1 (100 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

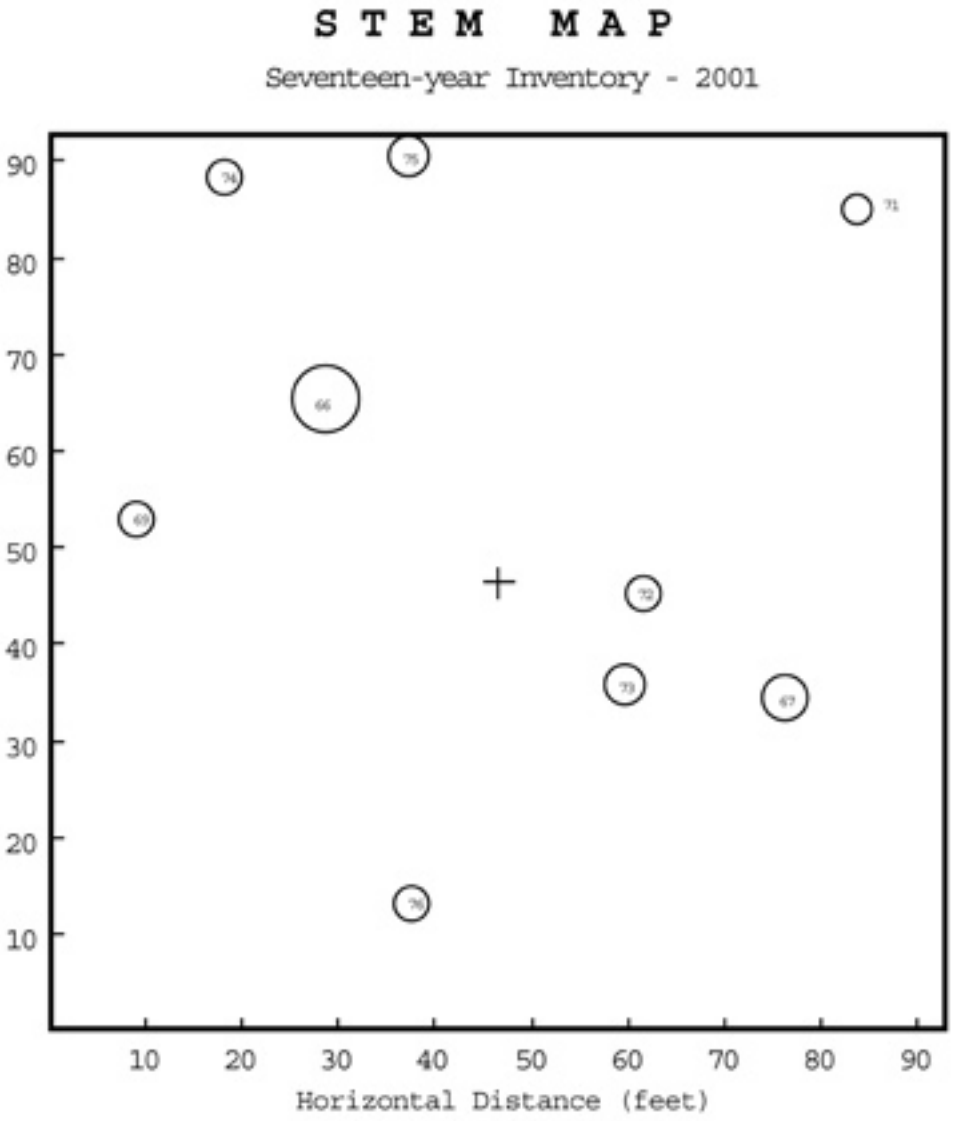

Figure B23. Stem map showing relative tree basal area for Plot 8-2 (50 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

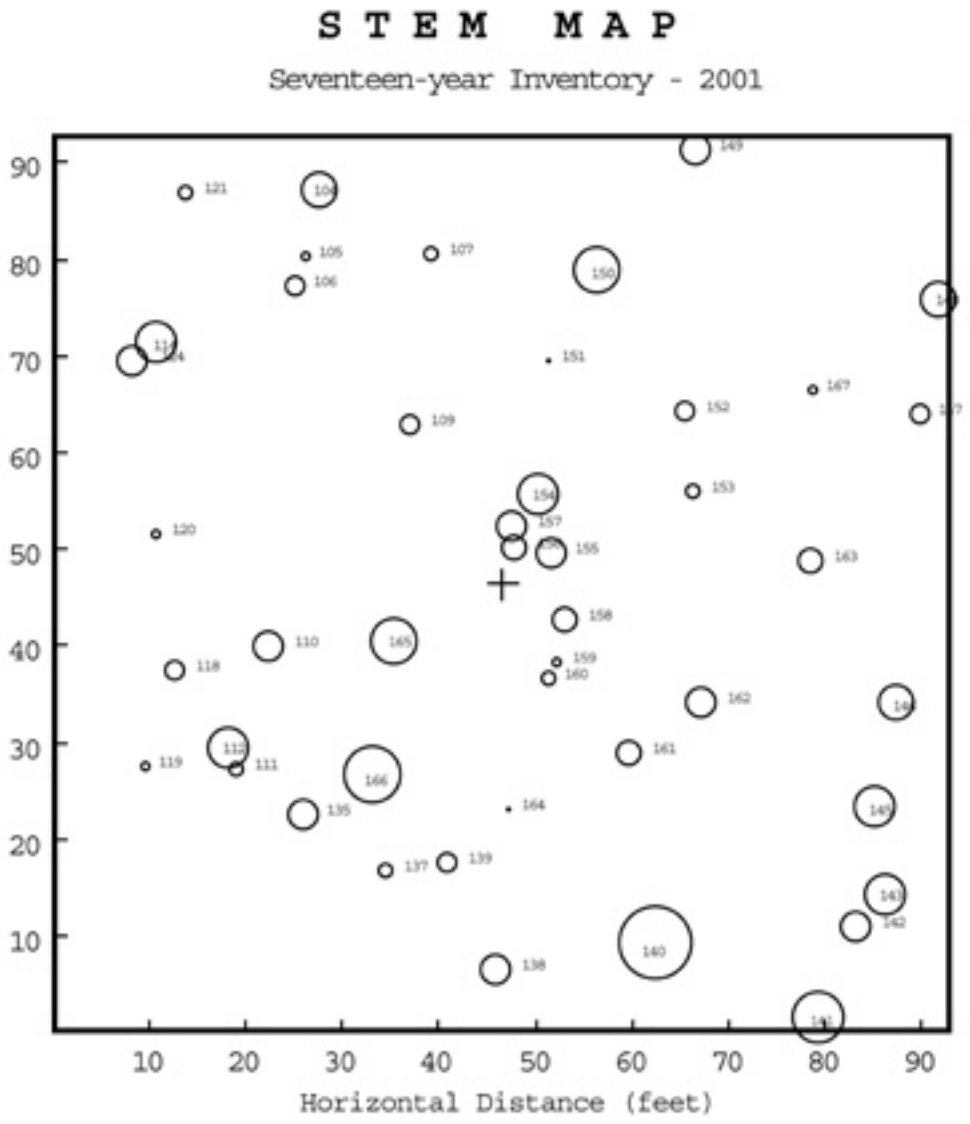

Figure B24. Stem map showing relative tree basal area for Plot 8-3 (Control Plot). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

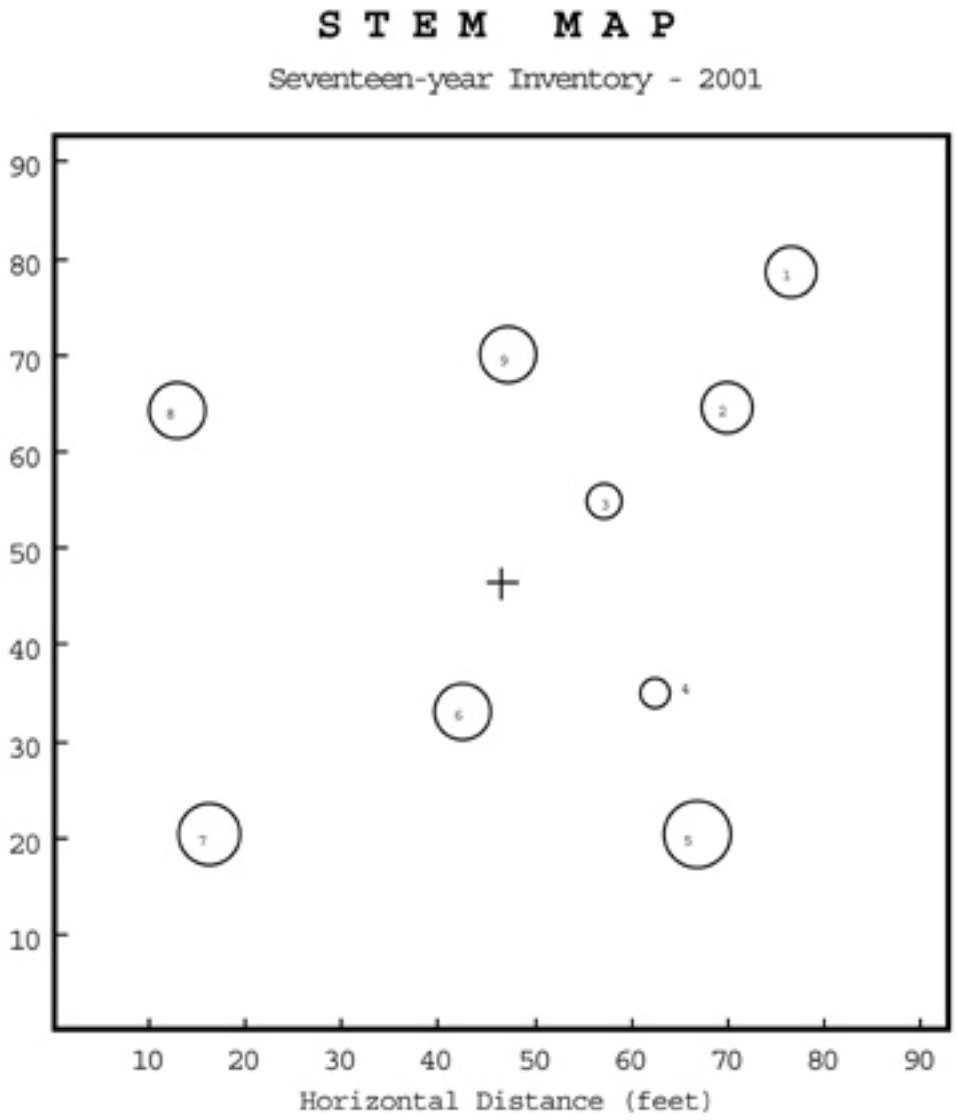

Figure B25. Stem map showing relative tree basal area for Plot 9-1 (100 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

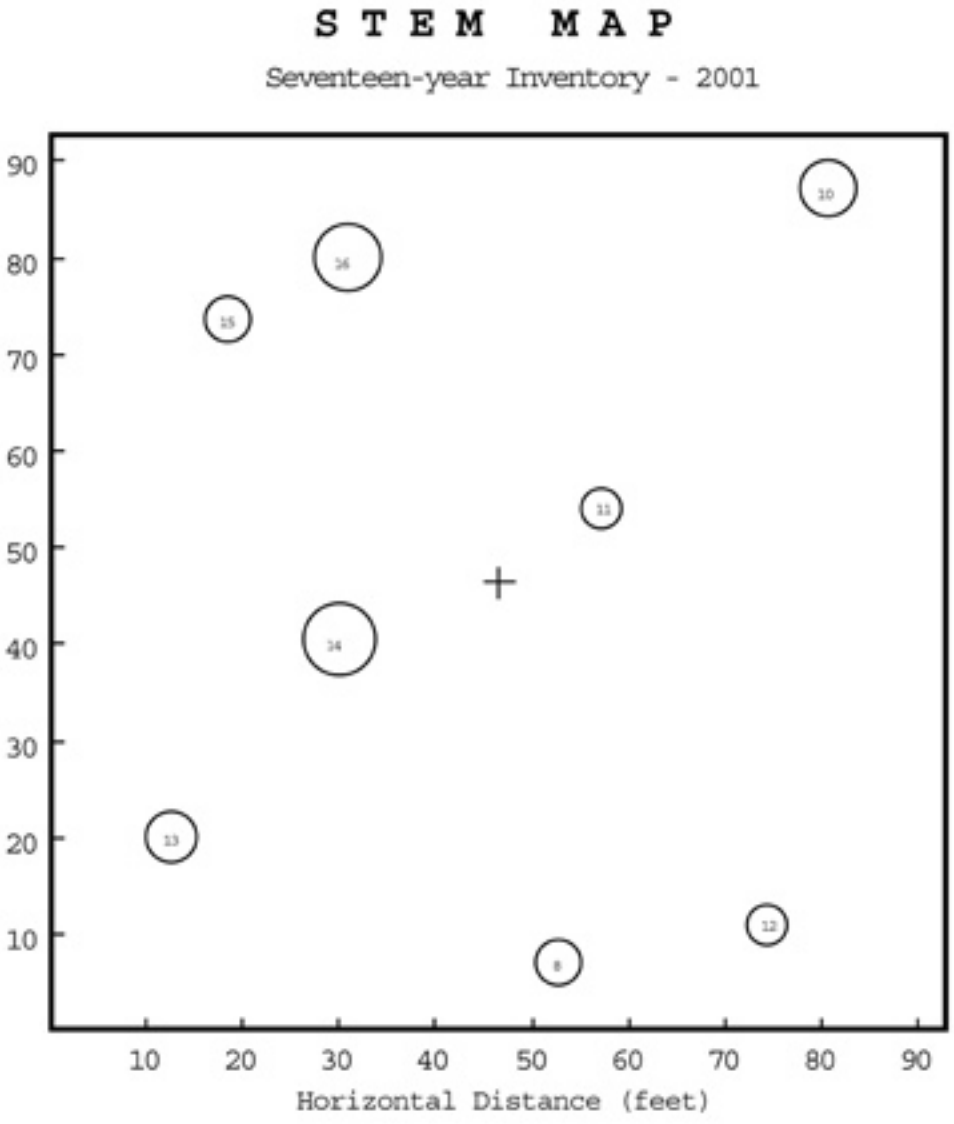

Figure B26. Stem map showing relative tree basal area for Plot 9-2 (50 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

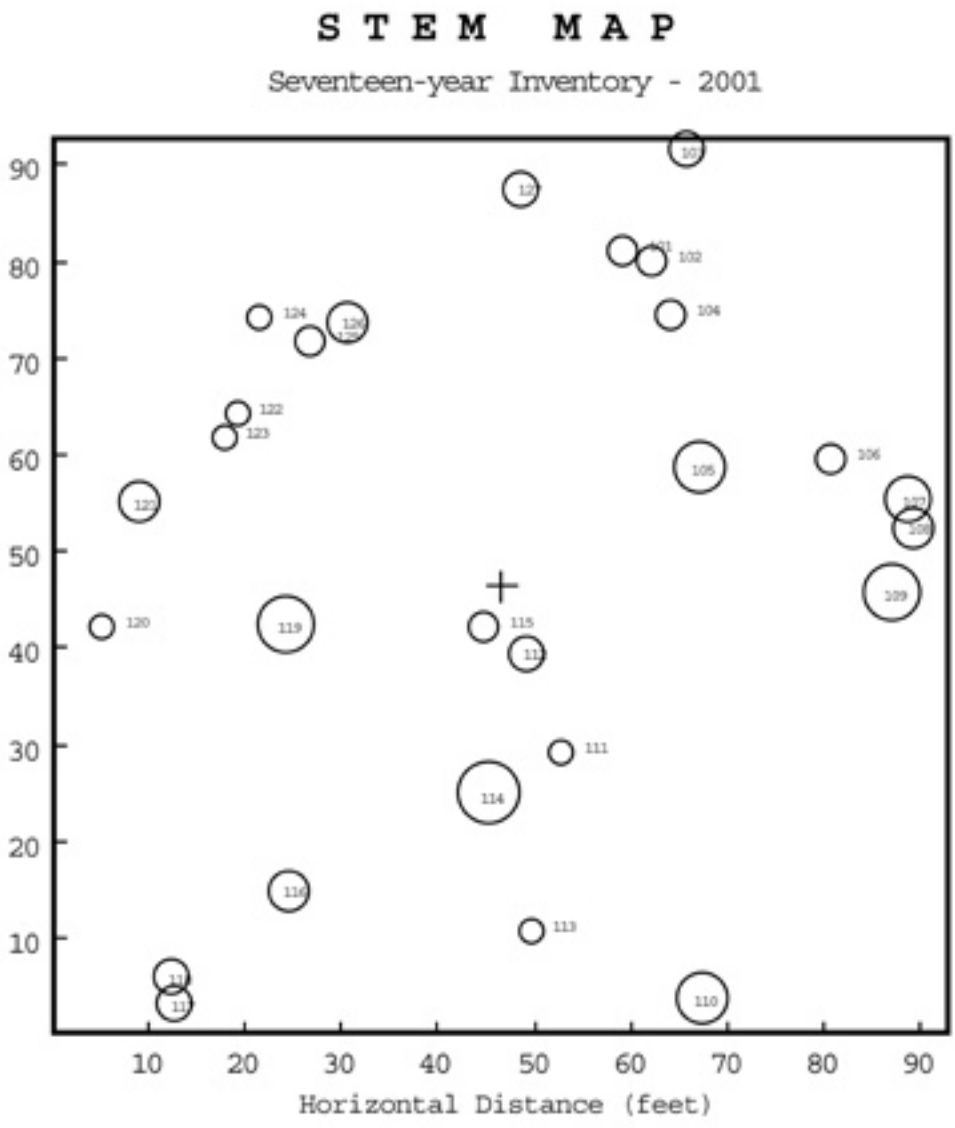

Figure B27. Stem map showing relative tree basal area for Plot 9-3 (Control Plot). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

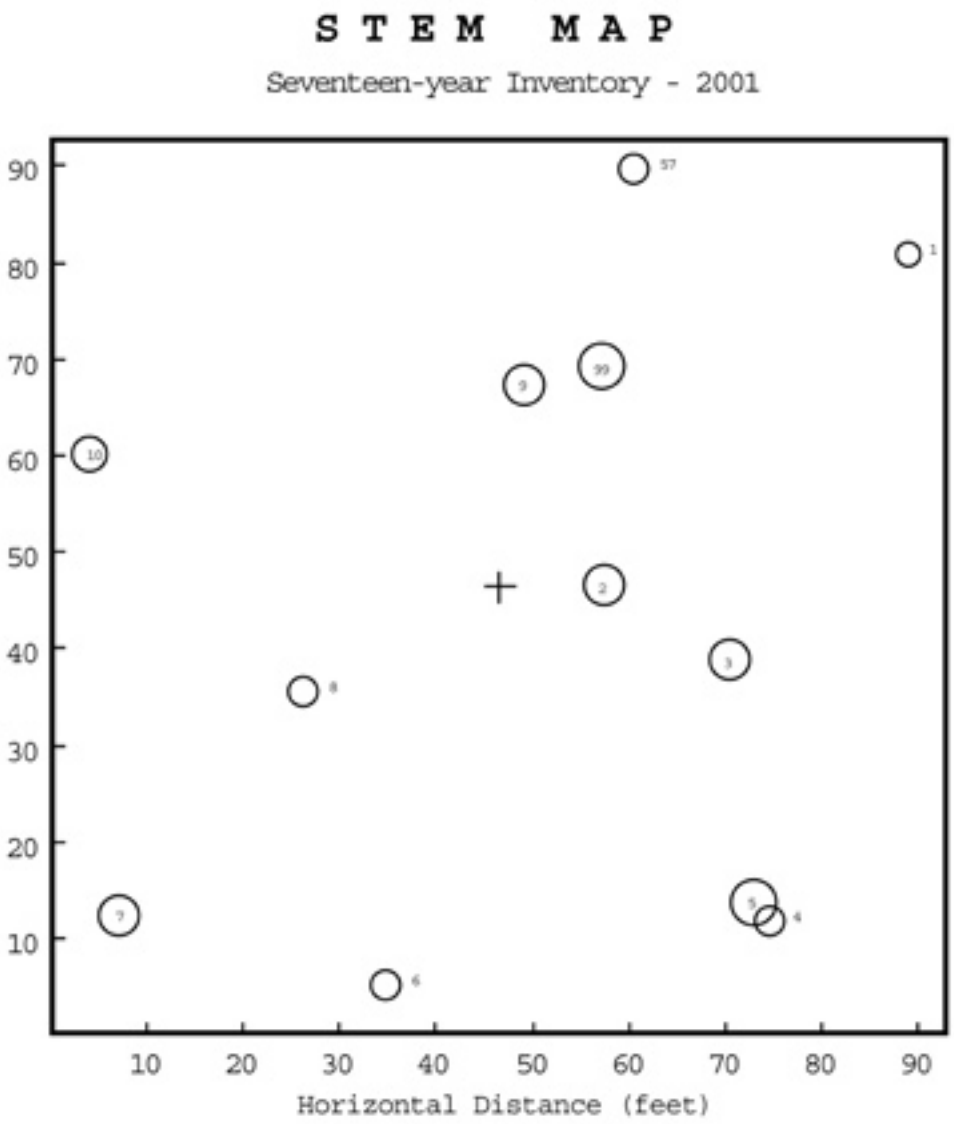

Figure B28. Stem map showing relative tree basal area for Plot 10-1 (50 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

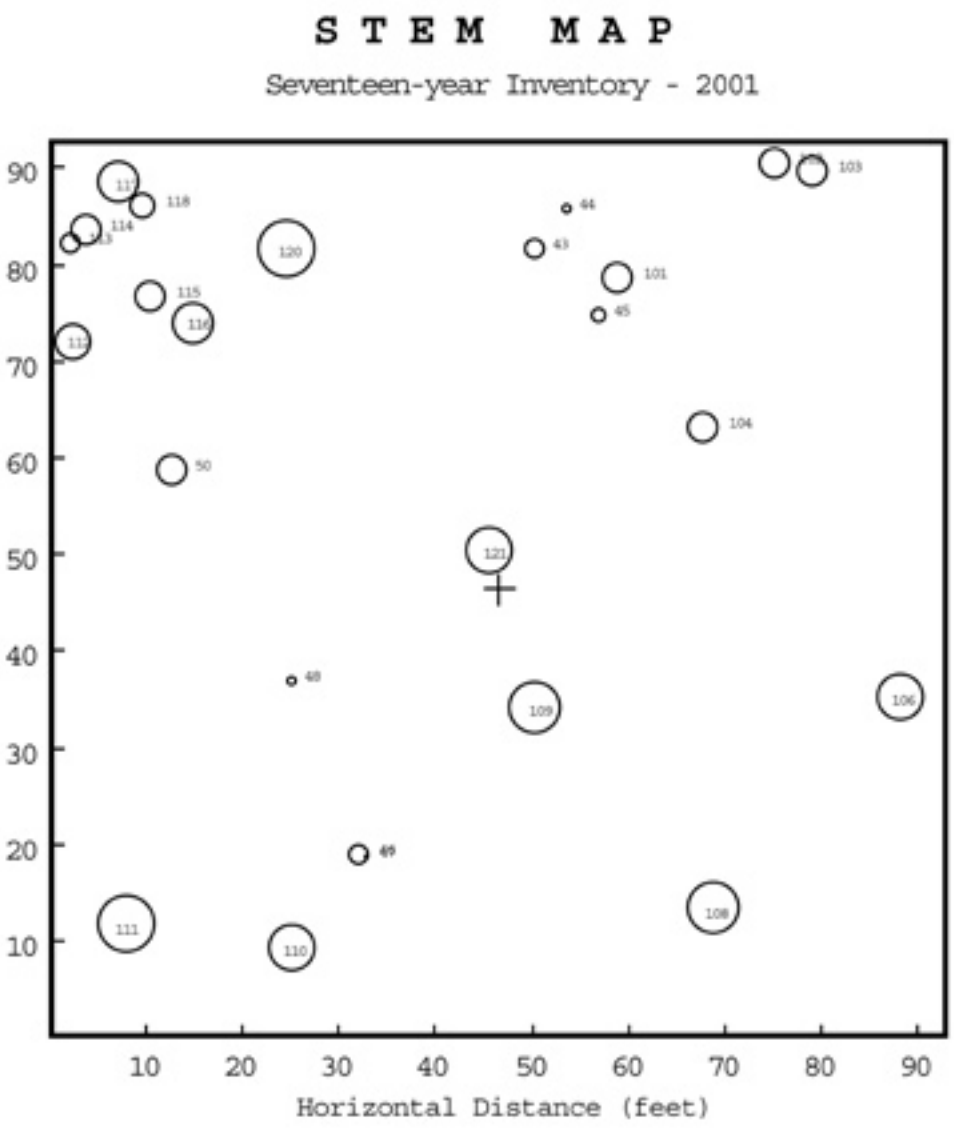

Figure B29. Stem map showing relative tree basal area for Plot 10-2 (Control Plot). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

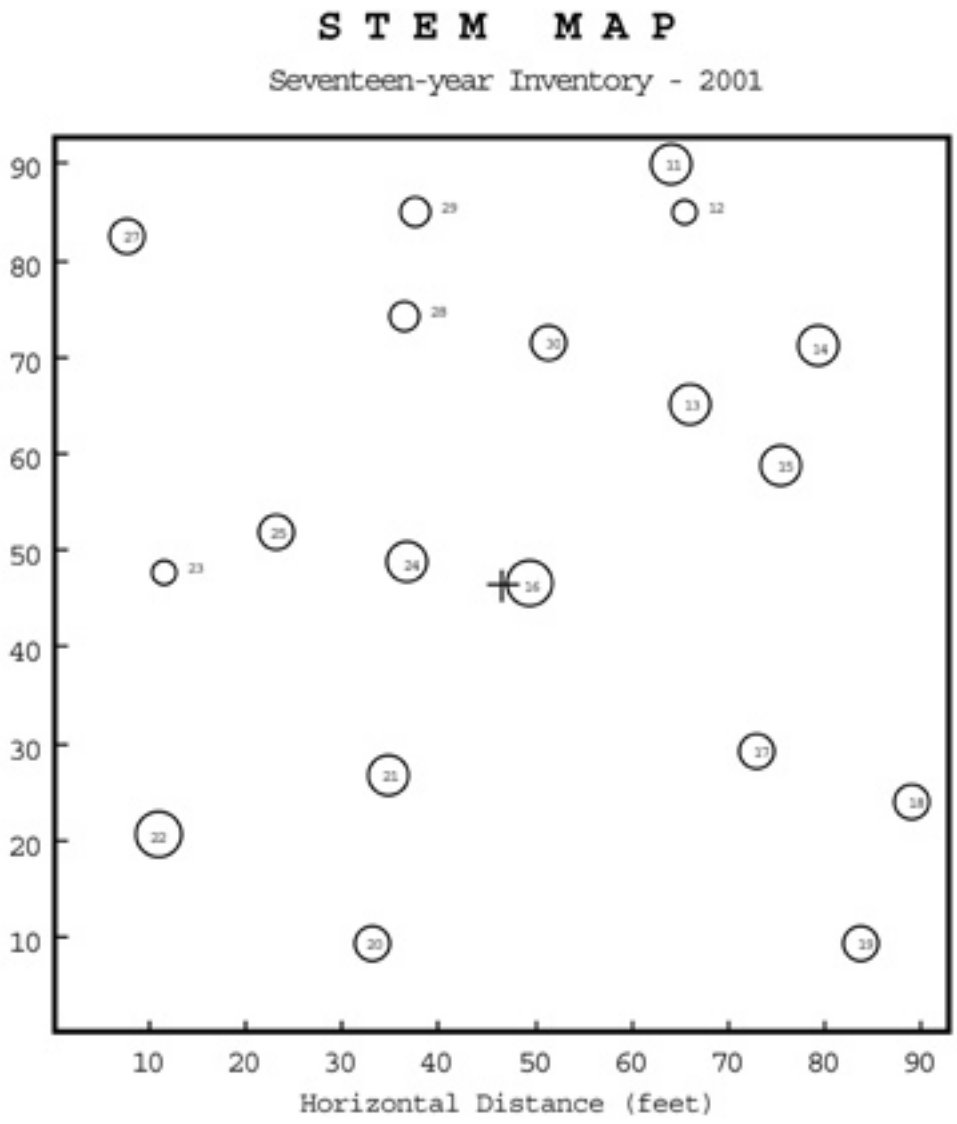

Figure B30. Stem map showing relative tree basal area for Plot 10-3 (100 sq. ft./ac). Distance and plot boundary are at a scale of 1:240. Tree basal areas are enlarged by a factor of 3 for visualization. All plots are one-fifth acre and are surrounded by a two-fifths acre buffer zone.

Appendix C

Field Data for the Initial, Second, Third, and Fourth Inventories

	COAST LIVE OAK THINNING STUDY - 1984 DATA											COAST LIVE OAK THINNING STUDY - 1989 DATA									COAST LIVE OAK THINNING STUDY - 1996 DATA							COAST LIVE OAK THINNING STUDY - 2001 DATA										
										OLD	FINAL		NEW			New					PLOT 1-1	1989	1996					PLOT 1-1	2001								FINAL	PLOT 1-1
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT		OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	TREE	TREE	DBH	HT	VIGOR	CROWN	NOTES &	TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE		NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	6.42	32.81	1	1	319.7	53.3	3	0	2																													
2	8	4.21	22.97	1	3	323.2	52.41	3	0	1																													
3	9	7.87	48.88	1	3	352	44	2	0	0		3	1	9	8.1	25	2	352	44	2		1	1	8.4	25	3	2		1	9	8.3	43	1	2	352	44	3	0	BI,YD
4	9	10.67	48.88	1	3	353	43.5	1	0	0		4	2	9	11	35	2	353	43.5	2	YD	2	2	11.8	35	3	2	YD	2	9	12.5	42.8	1	2	353	43.5	3	0	BI,YD
5	9	11.22	49.21	1	3	350	43.5	2	0	0		5	3	9	11.4	30	3	350	43.5	3	YD,DT	3	3	11.6	30	3	2	YD,DT	3	9	11.8	29.2	1	2	350	43.5	3	0	BI,YD
6	3	0.59	8.86	1	3	342.3	47.4	4	0	1																													
7	9	12.6	52.49	1	3	12	41.5	2	0	0		7	4	9	13.2	35	2	12	41.5	2	YD	4	4	14.0	35	3	2	YD	4	9	13.7	27.3	1	2	12	41.5	3	0	BI,YD,SB
8	9	5.67	25.26	1	1	357.3	42.81	4	0	2																													
9	9	8.7	51.51	1	3	10	36.5	2	0	0		9	5	9	9	35	3	10	36.5	2	Y	5	5	9.4	35	3	2	Y	5	9	10.0	31.5	1	3	10	36.5	2	0	YD,BI,SB
10	9	6.93	47.57	1	2	45	43	3	0	0		10	6	9	7.2	22	3	45	43	2	Y,DT	6	6	7.5	22	3	3	Y,DT	6	9	7.9	20.6	1	3	45	43	4	0	BI
11	9	5.79	32.81	1	1	28	39.93	4	0	2																													
12	9	11.34	50.2	1	3	48	40.5	2	0	0		12	7	9	11.5	28	3	48	40.5	2	Y	7	7	12.0	28	3	3	Y	7	9	12.2	25	1	3	48	40.5	3	0	BI
13	9	8.39	49.21	1	3	2	35	2	0	0		13	8	9	8.6	25	3	2	35	2	YD,DT	8	8	8.8	25	3	3	YD,DT	8	9	8.7	23	1	3	2	35	3	0	BI,YD, SB
14	9	6.1	23.62	1	1	3.27	30.38	4	0	2																													
15	9	10.16	53.48	1	3	26	26.5	2	0	0		15	9	9	10.6	30	3	26	26.5	2	Y,DT	9	9	11.0	30	3	3	Y,DT	9	9	11.2	43	1	3	26	26.5	3	0	YD,BI,SB
16	9	11.46	48.23	1	3	38	26	1	0	0		16	10	9	12.2	35	3	38	26	2	Y,DT	10	10	12.8	35	3	2	Y,DT	10	9	13.5	45.5	1	2	38	26	2	0	BI,SB
17	9	8.19	34.45	1	3	51	21	3	0	0		17	11	9	8.5	25	3	51	21	2	Y,DT	11	11	9.1	25	3	3	Y,DT	11	9	9.6	24.8	1	3	51	21	4	0	SB
18	9	8.7	54.79	1	3	72	39	2	0	0		18	12	9	9.4	33	2	72	39	1	YD,DT	12	12	10.0	33	3	2	YD,DT	12	9	10.8	30.4	1	2	72	39	3	0	BI,YD
19	9	8.07	26.25	1	1	51	43.73	4	0	2																													
20	9	3.43	10.17	1	1	54	39.16	4	0	1																													
21	9	9.88	58.4	1	3	74	35	1	0	0		21	13	9	10.7	45	2	74	35	2	SS,YD,DT	13	13	11.4	45	3	2	SS,YD,DT	13	9	11.8	27.6	1	2	74	35	2	0	SS
22	9	11.42	49.21	1	3	98	37	1	0	0		22	14	9	12.5	48	2	98	37	2	YD	14	14	13.6	48	3	2	YD	14	9	13.9	42.9	1	2	98	37	1	0	YD,BI,SB
23	5	3.74	26.57	1	3	58	22.62	4	0	1																													
24	5	3.35	15.42	1	3	60	22.62	4	0	1																													
25	5	2.99	9.84	1	3	62	22.62	4	0	1																													
26	9	9.33	32.48	1	2	98	26	2	0	0		26	15	9	9.9	42	3	98	26	2	YD,DT	15	15	9.7	42	3	2	YD,DT	15	9	10.2	30.9	1	3	98	26	2	0	YD,BI,SB
27	9	6.42	17.06	1	1	83	27.59	4	3	2																													
28	9	5.98	26.25	1	1	81	27.59	4	3	2																													
29	9	6.18	31.5	1	2	107	24.5	3	0	0		29	16	9	6.6	45	3	107	24.5	2	YD,DT	16	16			99		DEAD	16					99					DEAD
30	9	9.65	36.74	1	2	126	26	1	0	0		30	17	9	10.7	58	3	126	26	2	YD,DT	17	17			99		DEAD	17					99					DEAD
31	9	1.57	14.11	1	1	318.8	29.03	4	0	1																													
32	8	10.51	31.5	1	3	315	21.5	1	0	1																													
33	9	2.52	12.14	1	1	31.27	9.23	4	0	1																													
34	9	11.14	42.32	10	3	130	12.5	1	0	0		34	18	9	12.3	48	2	130	12.5	1	Y,DT	18	18	13.5	48	3	1	Y,DT	18	9	13.9	49	10	1	130	12.5	1	0	
35	9	5.67	26.25	1	1	115.8	30.17	3	0	2																													
36	9	7.05	23.62	1	2	108.4	34.16	3	0	1																													
37	9	3.35	18.37	1	1	126.3	34.86	4	0	1																													
38	9	7.72	30.51	1	3	206	2.5	2	0	0		38	19	9	8.2	24	3	206	2.5	2	Y,DT	19	19	8.7	24	3	3	Y,DT	19	9	8.6	27.7	1	3	206	2.5	2	0	BT,BI,SB
39	9	2.44	12.14	1	1	225.7	6.93	4	0	1																													
40	9	7.01	24.28	1	1	170.6	11.31	4	0	2																													
41	9	11.22	29.53	1	3	168	27	2	0	0		41	20	9	11.7	32	2	168	27	1	Y,DT,SP	20	20	13.8	32	3	2	Y,DT,SP	20	9	16.6	32.8	1	2	168	27	2	0	BI
42	9	3.07	18.7	1	1	135	24.44	4	0	1																													
43	9	6.65	26.57	1	3	162	43	2	0	0		43	21	9	7.6	20	3	162	43	1	YD,DT	21	21	8.6	20	3	3	YD,DT,BI	21	9	8.7	13.3	1	3	162	43	2	0	BT,YD
44	9	7.56	25.26	1	3	164	43	2	0	0		44	22	9	8.4	15	3	164	43	3	YD,DT	22	22	9.8	15	3	3	YD,DT	22	9	9.5	22.6	1	3	164	43	2	0	YD,BI
45	8	0.39	7.87	1	2	310.6	46.05	4	0	1																													
46	9	11.38	38.71	1	2	326	45.5	2	0	0		46	23	9	12.1	37	2	326	45.5	2	YD	23	23	12.6	37	3	2	YD	23	9	13.0	11.6	1	3	326	45.5	2	0	BT
47	9	8.86	36.42	1	2	322	45	2	0	0		47	24	9	9.2	20	3	322	45	3	YD,DT	24	24	9.6	20	3	4	YD,DT,BT	24	9	10.8	13.9	1	3	322	45	4	0	BT,SB,SS,Split @ Dbh
48	9	9.92	41.67	1	3	288	59	1	0	0		48	25	9	10.3	40	3	288	59	2	YD	25	25	11.8	40	3	2	YD	25					99					DEAD
49	9	2.95	16.73	1	1	281.6	18	4	0	1																													
50	9	8.62	25.92	1	1	169.5	20.57	3	0	2																													
51	9	5.04	16.73	1	2	151.9	36.42	3	6	6																													
52	9	7.4	26.25	1	2	176	44	2	0	0		52	26	9	8.6	22	2	176	44	2	YD,DT	26	26	8.9	22	3	3	YD,DT	26	9	9.3	31.3	1	3	176	44	1	0	SB,SS,YD,BI
53	9	2.95	13.78	1	1	147.5	44.25	4	0	1																													
54	9	1.57	10.5	1	1	142.4	44.79	4	0	1																													
55	5	6.46	24.61	1	3	155.9	50.08	3	0	1																													
56	9	1.97	10.5	1	1	158	44.29	4	0	1																													
57	9	3.66	19.03	1	1	156	44.29	4	0	1																													
58	9	5.47	27.23	1	3	185	50	2	0	0		58	27	9	6.4	15	1	185	50	3	YD,DT,SP(VIG	27	27	7.2	15	3	3	YD,DT,SP	27					99					DEAD
59	9	1.65	7.55	1	1	163.3	46.79	4	0	1																													
60	9	9.69	28.54	1	3	204	25	2	0	0		60	28	9	10.1	39	3	204	25	2	YD,DT	28	28	10.4	39	3	3	YD,DT	28	9	11.1	30.9	1	3	204	25	2	0	BT,SB
61	9	8.78	24.93	1	3	206	27	2	0	0		61	29	9	8.4	32	3	206	27	2	YD,DT,SP	29	29			99		DEAD	29					99					
62	9	9.25	28.87	1	3	192	32.5	1	3	0		62	30	9	10.1	46	2	192	32.5	3	YD,DT	30	30	10.9	46	2	3	YD,DT	30	9	11.2	27	1	3	192	32.5	2	0	BT
63	9	4.45	18.37	1	1	172	29.2	4	3	2																													
64	9	2.64	18.7	1	1	170	29.2	4	3	1																													
65	9	2.8	16.4	1	1	174	34.93	4	0	1																													
66	9	1.46	9.84	1	1	172	34.93	4	0	1																													
67	9	2.87	25.26	1	1	171	36.43	4	0	1																													
68	9	4.25	21.33	1	2	170	37.27	3	6	6																													
69	9	4.29	16.08	1	1	177.3	41.13	4	0	2																													
70	9	4.72	23.62	1	2	188	43	3	0	0		70	31	9	5.3	15	1	188	43	3	YD,DT,SP(VIG	31	31			99		DEAD	31					99					DEAD
71	9	2.36	14.44	1	1	171.7	46.29	4	0	1																													
72	9	2.05	17.39	1	1	183	33.9	4	0	1																													
73	9	2.72	17.39	1	1	185	35.55	4	0	1																													
74	9	7.44	24.28	1	3	200	39.5	2	0	0		74	32	9	7.8	56	3	200	39.5	2	YD,DT,SP	32	32			99		DEAD	32					99					DEAD
75	9	4.57	21.65	1	2	181.3	39.49	3	6	6																													
76	9	4.02	11.15	1	1	187.6	41.93	4	0	2																													
77	9	1.54	8.53	1	1	182.5	45.04	4	0	1																													
78	9	3.46	19.03	1	1	195.8	44.8	4	0	1																													
79	9	1.5	8.53	1	1	201.9	39.42	4	0	1																													
80	8	6.89	35.43	1	3	255.2	20.87	2	0	1																													
81	9	6.18	16.4	1	1	278.1	42.82	4	0	2																													
82	9	9.57	29.86	1	2	270	31.5	2	0	0		82	33	9	9.7	10	1	270	31.5	3	YD,DT,SP	33	33			99		DEAD	33					99					DEAD
83	9	12.87	38.39	1	3	257	34.5	2	0	0		83	34	9	13.4	43	2	257	34.5	2	YD	34	34	14.4	43	3	2	YD	34	9	15.3	53.3	1	1	257	34.5	1	0	SS

Appendix C. Site 01-1(100).L2001

84	9	13.5	29.86	1	3	250	39.5	2	0	0	84	35	9	13.8	40	2	250	39.5	2	YD,DT	35	35	14.1	40	3	2	YD,DT	35	9	14	35.4	1	3	250	39.5	2	0	YD,CB,SS,SB
85	9	24.72	24.61	1	1	218.5	52.6	2	1	1																												
86	9	8.98	30.84	1	3	246	57	2	0	0	86	36	9	9.5	35	2	246	57	2	YD,DT	36	36	10.0	35	3	3	YD,DT	36					99					DEAD
87	9	2.8	19.68	1	1	227.7	49.77	4	0	1																												
88	9	4.72	26.9	1	2	232	47.4	3	6	6																												
89	9	5.67	14.76	1	1	236.7	45.33	4	0	2																												
90	9	9.57	36.74	1	3	272	43.5	1	0	0	90	37	9	11.1	15	2	272	43.5	1	YD,DT	37	37	11.4	15	3	3	YD,DT	37					99					DEAD
91	9	5.67	32.81	1	3	259.5	40.71	2	0	0	91	38				99				DEAD	38	38			99		DEAD	38					99					DEAD
92	9	5.04	30.84	1	1	248.6	49	3	0	2																												
93	9	3.46	25.26	1	1	240	50.35	4	0	1																												
94	9	6.81	33.14	1	3	259	55	2	0	0	94	39	9	7.2	55	3	259	55	2	YD,DT	39	39			99		DEAD	39					99					DEAD
95	9	4.37	28.54	1	2	240	52	4	0	3																												
96	9	10.94	27.89	1	3	250	64	2	0	0	96	40	9	11	35	3	250	64	2	YD,DT	40	40	10.1	35	3	2	YD,DT	40					99					DEAD
	8																											41	8	2.3	18.7	0	1	276	19.5	2	0	Madrone Clump
	8																											42	8	2.9	18.5	0	1	266	22.7	2	0	Madrone Clump
	8																											43	8	3.2	18.8	0	1	261	21.1	2	0	Madrone Clump
	8																											44	8	2.4	18.9	0	1	260	20	2	0	Madrone Clump
	8																											45	8	2.1	18.7	0	1	256	17.9	2	0	Madrone Clump
	8																											46	8	3	21	0	1	330	17.6	2	0	Madrone Clump
	8																											47	8	3	21	0	1	318	18.8	2	0	Madrone Clump
	8																											48	8	3.5	21	0	1	319	20.7	2	0	Madrone Clump
	8																											49	8	2.6	21	0	1	329	20.6	2	0	Madrone Clump
	8																											50	8	2.7	21	0	1	320	16	2	0	Madrone Clump

		COAST LIVE OAK THINNING STUDY - 1984 DATA										COAST LIVE OAK THINNING STUDY - 1989 DATA									COAST LIVE OAK THINNING STUDY - 1996 DATA								COAST LIVE OAK THINNING STUDY - 2001 DATA										
			New						OLD	FINAL		NEW								PLOT 1-2	1989	1996					PLOT 1-2	2001									PLOT 1-2
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT	OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	TREE	TREE	DBH	HT	VIGOR	CROWN	NOTES &	TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE	NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	11.46	29.2	1	1	1	18	4	1	1	1					99				DEAD (5 FT, F					99		DEAD											
2	9	15.47	30	1	3	357	24	1	0	0	2	101	9	15.9	30	2	357	24	2	YD,DT,SP	101	101	15.7	30	3	2	YD,DT,S[	101	9	16	24.5	1	3	357	24	2	0	YD,BT,DT,SS,SB
3	9	1.22	6.56	1	1	19	27	4	1	1	3					99				MISSING					99		MISSING											
4	9	7.56	24.61	1	2	22	35	3	1	1	4					99				DEAD					99		DEAD											
5	9	2.56	21	1	1	26	40	4	1	1	5					99				DEAD					99		DEAD											
6	9	4.21	18.7	1	1	26	44.8	4	1	1	6					99				DEAD (FALLEN					99		DEAD (FALLEN)											
7	9	7.32	27.56	1	3	18	45.8	2	0	0	7					99				DEAD (FALLEN					99		DEAD (FALLEN)											
8	9	4.06	19.68	1	1	24	49.1	4	1	1	8					99				DEAD					99		DEAD											
9	9	2.8	18.7	1	1	28	46.8	4	1	1	9					99				DEAD					99		DEAD											
10	9	1.65	16.4	1	1	30	46.4	4	1	1	10					99				DEAD					99		DEAD											
11	9	8.54	34.12	1	3	31	44	3	0	4	11					99				DEAD					99		DEAD											
12	9	6.89	43.63	1	2	31	39.5	2	3	0	12					99				DEAD					99		DEAD											
13	9	8.94	36.74	1	3	29	39.5	1	3	0	13					99				DEAD					99		DEAD											
14	9	2.64	21	1	1	32	32	4	1	1	14					99				DEAD					99		DEAD											
15	9	5.63	36.09	1	1	37	32	3	1	1	15					99				DEAD					99		DEAD											
16	9	16.61	35	1	3	37	18.5	1	0	0	16	102	9	17	33	2	37	18.5	2	YD,DT,SP	102	102	16.5	33	3	3	YD,DT,SP	102	9	17.3	30.5	1	3	37	18.5	2	0	YD,BT,DT,SS,SB
17	9	1.77	15.75	1	1	33	51.5	4	1	1	17					99				DEAD					99		DEAD											
18	9	1.93	16.08	1	1	36	51.5	4	1	1	18					99				DEAD					99		DEAD											
19	9	5.2	29.86	1	1	36	49	4	0	2	19					99				DEAD					99		DEAD											
20	9	2.83	18.37	1	1	39	50.2	4	0	1	20					99				DEAD					99		DEAD											
21	9	6.73	15	1	2	38	54.4	3	0	4	21	103	9	6.9	15	3	38	54.4	3	YD,DT,SP	103	103			99		DEAD	103				99						dead
22	9	5.67	36.74	1	2	44	50.2	3	0	4	22					99				DEAD					99		DEAD											
23	9	6.69	10	1	3	41	47.5	3	0	4	23	104	9	6.9	10	2	41	47.5	3	YD,DT,SP	104	104			99		DEAD	104				99						dead
24	9	1.57	17.39	1	1	42	37.3	4	1	1	24					99				DEAD(FALLEN					99		DEAD											
25	9	7.36	12	1	2	54	30.7	3	0	4	25	105	9	7.5	12	3	54	30.7	4	YD,DT,SP	105	105			99		DEAD	105				99						dead
26	9	5.12	35.76	1	2	54	36.7	3	0	4	26					99				DEAD					99		DEAD											
27	9	6.18	35.1	1	2	59	37.8	3	0	4	27					99				DEAD					99		DEAD											
28	9	4.53	31.17	1	1	55	43.1	4	3	2	28					99				DEAD					99		DEAD											
29	9	5.59	31.17	1	2	53	43.1	3	3	4	29					99				DEAD					99		DEAD											
30	9	4.02	32.15	1	1	59	41.5	4	1	1	30					99				DEAD					99		DEAD											
31	9	3.03	27.56	1	1	61	41.5	4	1	1	31					99				DEAD					99		DEAD											
32	9	5.67	37.4	1	2	63	41.5	3	0	4	32					99				DEAD					99		DEAD											
33	9	2.01	18.04	1	1	63	38.8	4	1	1	33					99				DEAD					99		DEAD											
34	9	8.07	40.68	1	3	69	36.5	2	0	0	34					99				DEAD					99		DEAD											
35	9	6.34	39.37	1	2	64	34.3	2	1	1	35					99				DEAD					99		DEAD											
36	9	7.2	22	1	1	67	19	2	1	1	36	106	9	7.7	22	3	67	19	2	YD,DT,SP	106	106			99		DEAD	106				99						dead
37	9	3.15	16.08	1	1	77	18	4	1	1	37					99				DEAD					99		DEAD											
38	9	4.69	10	1	1	109	12	3	2	1	38	107	9	4.7	10	3	106	12	4	YD,DT,SP	107	107			99		DEAD	107				99						dead
39	9	10.35	40	1	3	104	12	1	3	0	39	108	9	10.6	37	3	104	12	1	Y,DT,SP	108	108	11.5	37	3	2	Y,DT,SP	108	9	12	30.5	1	3	104	12	2	0	YD,DT,SS,SB
40	9	13.35	32	1	3	94	36	1	3	0	40	109	9	13.8	32	1	93	38	2	Y,DT,SP	109	109			99		DEAD	109				99						dead
41	9	8.46	12	1	2	95	38	3	2	1	41	110	9	8.6	12	3	95	38	4	YD,DT,SP	110	110			99		DEAD	110				99						dead
42	9	12.52	25	1	3	96	40	2	0	0	42	111	9	13.1	25	2	96	40	2	YD,DT,SP	111	111			99		DEAD	111				99						dead
43	9	11.42	28	1	3	99	40	3	0	4	43	112	9	11.7	28	1	99	40	2	YD,DT,SP	112	112			99		DEAD	112				99						dead
44	9	5.55	13.12	1	1	132	46	4	1	1	44					99				VERY DEAD					99		DEAD											
45	9	16.22	44	10	3	133	17	1	0	0	45	113	9	17.8	50	2	133	17	1	YD,SP	113	113	18.4	50	3	1	YD,SP	113	9	18.9	49.5	10	3	133	17	1	0	SS,YD
46	9	6.89	7	1	2	146	53	3	2	1	46	114	9	6.9	7	2	146	53	4	YD,DT,SP	114	114			99		DEAD	114				99						dead
47	9	8.35	40.35	1	1	144	53	3	2	1	47					99				DEAD					99		DEAD											
48	9	12.68	48	1	2	168	15.5	3	0	4	48	115	9	12.5	36	2	168	15.5	2	YD	115	115	12.1	36	3	2	YD	115	9	12.7	17.6	1	3	168	15.5	2	0	YD,SS,SB
49	9	10.08	22	1	3	178	16	3	1	1	49	116	9	10.1	34	3	178	16	3	YD,DT,SP	116	116	9.7	34	3	3	YD,DT,SP	116	9	10.1	22.8	1	3	178	16	2	0	YD,DT,SS,SB
50	9	15.71	38	10	3	187	41	1	0	0	50	117	9	16.4	50	3	187	41	1	Y,S,DT,SP	117	117	16.9	50	3	3	Y,S,DT,SP	117	9	16.7	34.8	10	3	187	41	2	0	YD,BT,DT,SS,SB
51	9	11.42	40	1	3	192	44	1	0	0	51	118	9	12.4	40	3	192	44	2	Y,DT,SP	118	118			99		DEAD	118				99						dead
52	9	9.06	4	1	1	194	45	4	1	1	52	119	9	9.1	4	3	194	45	4	YD	119	119			99		DEAD	119				99						dead
53	9	9.57	12	1	1	196	43	4	1	1	53	120	9	9.6	12	3	196	43	4	YD, DT, SP	120	120			99		DEAD	120				99						dead
54	9	7.91	30	1	2	193	46	4	0	3	54	121	9	8	30	3	193	46	3	YD, DT, SP	121	121			99		DEAD	121				99						dead
55	9	10.35	38	1	3	244	24	3	1	1	55	122	9	10.2	38	2	244	24	3	YD, DT, SP	122	122			99		DEAD	122				99						dead
56	9	12.76	32	1	3	248	19.5	1	0	0	56	123	9	13	33	2	248	19.5	3	YD, DT, SP	123	123	13	33	3	3	YD,DT,SP	123	9	13.7	28	1	3	248	19.5	2	0	BT,SS,SB,Y
57	9	7.4	10	1	1	253	25	4	1	1	57	124	9	7.8	10	3	253	25	4	YD, 6' SCAR, D	124	124			99		DEAD	124				99						dead
58	9	12.13	36	1	3	262	25	1	0	0	58	125	9	12.5	38	2	262	25	2	YD, SP	125	125	12.4	38	3	3	YD,SP	125					99					dead
59	9	10.08	42	1	3	256	40	2	0	0	59	126	9	10.4	40	3	256	40	1	YD	126	126	10	40	1		YD	126	9	10	37.5	1	3	256	40	2	0	YD
60	9	10.43	40	1	3	262	39.5	2	0	0	60	127	9	10.8	40	3	262	39.5	2	YD, SP	127	127			99		DEAD	127				99						dead
61	9	12.48	32	1	3	278	9	2	0	0	61	128	9	12.6	39	2	278	9	2	YD, SP	128	128	12.4	39	3	2	YD,SP	128	9	12.5	26.5	1	3	278	9	2	0	BT,Y,CB,SS
62	9	8.7	10	1	1	282	5	3	1	1	62	129	9	8.9	10	3	282	8	4	YD, DT	129	129			99		DEAD	129				99						dead
63	9	13.15	33	1	3	298	9	1	0	0	63	130	9	13.4	39	3	298	9	2	YD, SP, DT	130	130	13.3	39	3	3	YD,SP,DT	130	9	13.5	33	1	3	298	9	2	0	Y,CB,BT,SS
64	9	12.48	38	1	3	306	25	1	0	0	64	131	9	12.9	43	2	306	25	1	YD, SP	131	131	13.6	43	3	1	YD,SP	131	9	14.3	39	1	3	306	25	1	0	YD,SP,SS,SB
65	9	13.98	36	1	3	292	38	1	0	0	65	132	9	14.4	40	3	292	38	2	YD, DP, SP	132	132	14.2	40	3	3	YD,DT,SP	132					99					dead
66	9	4.13	47.24	1	1	298	38	4	0	2	66					99				DEAD					99		DEAD											
67	9	9.06	22	1	2	296	44	2	0	0	67	133	9	9.2	22	2	296	44	3	YD, DP, SP	133	133			99		DEAD	133				99						dead
68	9	3.86	21	1	1	299	42	4	0	1	68					99				DEAD					99		DEAD											
69	5	1.57	15.09	1	3	302	38.5	4	0	1	69					99				DEAD					99		DEAD											
70	5	2.8	21.65	1	3	306	41.5	4	0	1	70					99				DEAD					99		DEAD											
71	9	9.96	28	1	3	306	45	2	0	0	71	134	9	10.3	28	2	306	45	2	YD, SP, DT	134	134			99		DEAD	134				99						DEAD
72	5	3.66	20.34	1	3	308	45	4	0	1	72					99				DEAD - FELL O					99		DEAD - FELL OVER											
73	3	0.79	8.53	1	3	51	4	0	1	2	73					99				DEAD					99		DEAD											
74	3	1.57	10.5	1	3	322	48	4	0	1	74					99				DEAD					99		DEAD											
75	9	6.81	19.03	1	1	326	41.5	4	1	1	75					99				DEAD					99		DEAD											
76	6	6.22	39.7	1	3	326	21.5	2	0	1	76					99				DEAD - FELL O					99		DEAD - FELL OVER											
77	9	12.24	32	1	3	334	28.5	2	0	0	77	135	9	12.9	32	3	334	28.5	2	YD, DT, SP	135	135			99		DEAD	135				99						dead
78	9	11.42	18	1	3	343	35	2	0	0	78	136	9	11.8	22	2	343	35	2	YD, DT, SP	136	136	11.6	22	2	2	YD,DT,SP	136	9	11.9	30.4	1	3	343	35	1	0	YD,DT
79	9	3.58	17.72	1	1	349	26	4	0	1	79					99				DEAD					99		DEAD											
80	9	6.65	6	1	1	357	19	4	0	2	80	137	9	6.7	6	3	357	19	4	YD, 7' SCAR, D	137	137			99		DEAD	137				99						dead
	6																											138	6	2.3	15.5	0	1	0	0	1	0	knobcone pine

		COAST LIVE OAK THINNING STUDY - 1984 DATA										COAST LIVE OAK THINNING STUDY - 1989 DATA										COAST LIVE OAK THINNING STUDY - 1996 DATA										COAST LIVE OAK THINNING STUDY - 2001 DATA										
									OLD	FINAL			NEW								PLOT 1-3	1989	1996					PLOT 1-3	2001											PLOT 1-3
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT		OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	TREE	TREE	DBH	HT	VIGOR	CROWN	NOTES &	TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE		NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	2.95	26.25	1	1	26	42.1	4	1	1																													
2	9	6.73	19.68	1	1	28	47	4	0	2																													
3	9	6.14	20.67	1	2	26	50	3	0	4																													
4	9	10.75	41.34	1	3	35	54	1	0	0		4	43	9	11.2	30	3	35	54	2	YD	43	43			99		DEAD	43					99					DEAD
5	9	4.17	19.03	1	1	32	54	4	1	1																													
6	9	5.31	23.95	1	1	33	49	4	0	2																													
7	9	2.83	14.76	1	1	33	51	4	1	1																													
8	9	2.87	24.28	1	1	34	50	4	1	1																													
9	9	3.31	25.59	1	1	34	43	4	1	1																													
10	9	1.69	6.56	1	1	38	42	4	1	1																													
11	9	6.89	27.89	1	2	38	49	2	0	5																													
12	9	27.32	25.26	1	1	36	21	2	1	1																													
13	9	1.22	6.56	1	1	42	40	4	0	1																													
14	9	6.73	34.12	1	2	49	38	2	0	0		14					99				DEAD					99		DEAD	44					99					DEAD
15	9	3.82	26.25	1	2	50	34	3	0	1																													
16	9	7.95	27.89	1	2	57	30.5	2	6	0		16	44	9	8	28	3	57	30.5	3	YD	44	44			99		DEAD						99					DEAD
17	9	8.19	31.17	1	2	69	31	2	0	0		17	45	9	9.3	23	3	69	31	2	YD	45	45	9.6	23	3	2	YD	45					99					DEAD
18	9	2.4	27.89	1	1	68	24	4	1	1																													
19	5	2.68	26.25	1	3	64	13	4	1	1																													
20	5	2.91	27.89	1	3	67	13	4	1	1																													
21	9	5.75	29.53	1	2	73	19	2	0	5																													
22	9	2.01	19.68	1	1	76	25	4	0	1																													
23	9	2.28	21.33	1	1	79	25	4	0	1																													
24	9	9.96	35.43	1	3	75	30	2	0	0		24	46	9	11.4	30	3	75	30	2	YD	46	46	11.6	30	3	2	YD	46	9	12.7	33.5	1	3	75	30	2	0	BT,YD,SS
25	9	1.89	13.45	1	1	76	29.5	4	0	1																													
26	9	3.7	16.4	1	1	10	4	1	1	1																													
27	9	5.91	30.18	1	2	91	16.5	2	0	5																													
28	9	2.4	22.97	1	1	98	20.5	4	1	1																													
29	9	4.61	24.93	1	1	20.5	3	0	2	1																													
30	9	3.5	23.62	1	1	83	27	4	1	1																													
31	9	9.8	27.56	1	2	92	25	2	0	0		31	47	9	11	32	2	92	25	2	YD	47	47	11.9	32	2	2	YD	47	9	12.0	30.2	1	2	92	25	2	0	Y,SS
32	9	7.8	26.25	1	2	95	25	2	0	5																													
33	9	4.88	22.31	1	1	89	30	3	0	2																													
34	9	2.17	16.4	1	1	115	17	4	0	1																													
35	9	10.35	27.89	1	2	125	20.5	2	0	0		35	48	9	11.3	28	3	125	20.5	2	YD,S	48	48	12.1	28	3	3	YD,SS	48	9	13.0	28.3	1	2	125	20.5	2	0	YD,SS
36	9	8.03	29.53	1	2	142	6	2	0	0		36	49	9	8.7	21	3	142	6	2	Y	49	49	10.3	21	3	2	Y	49	9	10.1	28.9	1	3	142	6	1	0	SS,SB,BI
37	9	6.73	24.93	1	2	142	14.5	2	0	5																													
38	9	5.63	27.89	1	1	147	14.5	3	0	2																													
39	9	2.91	23.62	1	1	131	24.5	3	0	1																													
40	9	7.87	35.76	1	1	125	31.5	2	0	2																													
41	9	3.15	21.33	1	1	125	34	4	0	1																													
42	9	11.54	34.45	1	2	129	36	2	0	0		42	50	9	12.2	30	3	129	36	1	Y	50	50	12.4	30	3	1	Y	50	9	13.7	30	1	2	129	36	2	0	BI,YD,SS
43	9	3.27	22.97	1	1	149	47.5	4	0	1																													
44	9	1.1	24.61	1	1	154	38	2	3	1																													
45	9	7.28	24.61	1	1	156	38	3	3	2																													
46	6	9.09	42.65	1	2	158	32.5	2	0	1																													
47	9	3.66	18.04	1	2	158	25.5	3	1	1																													
48	6	11.65	39.04	1	2	167	29.5	2	1	1																													
49	9	5.83	29.53	1	1	182	28	3	1	1																													
50	9	4.06	16.4	1	1	29	4	1	1	1																													
51	9	6.85	29.53	1	1	198	20.5	2	1	1																													
52	9	8.58	29.53	1	1	204	19	2	1	1																													
53	9	8.39	29.53	1	1	202	20.5	2	0	2																													
54	9	4.02	19.68	1	1	203	32	4	1	1																													
55	9	1.38	11.48	1	1	206	39.5	4	0	1																													
56	9	3.86	18.04	1	1	237	31	4	0	1																													
57	9	5.98	27.89	1	1	240	32.5	3	0	2																													
58	9	7.99	34.12	1	2	241	29	2	0	5																													
59	9	10.83	34.45	1	3	244	29	2	0	0		59	53	9	12.8	35	2	244	29	1	Y	53	53	14.8	35	3	1	Y	53	9	16.8	46.8	1	2	244	29	2	0	YD,CB
60	9	8.19	32.81	1	2	245.5	30	2	0	0		60	51	9	12.8	45	2	244	29	1	Y	51	51			99		DEAD	51					99					DEAD
61	9	8.74	31.17	1	2	223	51	1	6	6																													
62	6	7.09	38.39	1	1	223	53.5	2	0	1																													
63	9	5.87	30.84	1	1	232	48	2	0	2																													
64	5	2.13	16.4	1	1	233	45	4	0	1																													
65	9	4.49	24.61	1	1	236	42	3	1	1																													
66	9	6.42	34.45	1	2	240	38	2	0	5																													
67	9	4.41	22.97	1	2	238	42	2	1	1																													
68	9	6.22	31.17	1	2	239	48	2	0	5																													
69	9	***9***	36.42	10	2	224	62	2	0	0		69	52	9	10.4	36	2	224	62	2	1984 dbh extra	52	52	11.8	36	3	3	BI	52	9	12.2	28.9	10	3	224	62	1	0	BT,YD
70	9	3.62	21.33	1	1	230	60	4	1	1																													
71	9	6.1	34.12	1	2	243	51	2	0	5																													
72	9	5.35	29.53	1	1	248	49	3	0	2																													
73	9	3.46	24.61	1	1	249	43	3	0	1																													
74	9	10.24	29.53	1	2	250	37	2	0	0		74	54	9	11.1	30	3	250	37	2		54	54	11.9	30	3	2		54	9	12.7	30	1	2	250	37	2	0	CB,SS
75	9	2.8	19.03	1	1	252	31.5	4	1	1																													
76	9	11.42	34.12	1	2	248	28.5	2	0	0		76	56	9	11.8	21	3	245	28.5	2		56	56	12.4	21	3	3		56	9	12.8	42	1	2	248	28.5	2	0	
77	9	3.19	23.95	1	1	260	35	4	0	1																													
78	9	8.82	46.59	1	1	250	44	2	0	0		78	55	9	9	24	3	250	44	3		55	55	9.6	24	3	3		55	9	9.2	23	1	3	250	44	4	0	
79	9	5.47	23.62	1	1	255	47.5	4	1	1																													
80	9	7.28	36.09	1	2	268	43	3	0	4																													
81	9	6.26	34.78	1	1	265	38	3	0	2																													
82	9	11.85	33.14	1	2	253	36.8	2	0	0		82	57	9	12.4	21	3	251	36.8	2		57	57	12.9	21	2	2		57	9	13.1	33	1	2	253	36.8	2	0	SS,CB
83	9	3.86	22.97	1	1	283	27.5	4	0	1																													

84	9	4.02	25.59	1	1	287	27.5	4	0	2																														
85	9	4.33	27.89	1	1	276	30.5	4	0	2																														
86	9	6.42	31.17	1	2	306	29.5	3	0	4																														
87	9	8.54	32.81	1	2	312	29.5	2	0	5																														
88	9	12.19	24.28	10	2	306	35	2	0	0	88	58	9	14	30	2	306	35	2		58	58	15.2	30	3	2		58	9	15.4	33	10	3	306	35	2	0		
89	9	13.3	39.37	1	3	308	48	2	0	0	89	59	9	15.6	33	2	308	48	2		59	59	16.8	33	2	2		59	9	18.4	46.9	1	2	308	48	2	0	CB	
90	9	9.65	39.37	1	2	317	52	2	0	5																														
91	9	14.5	28.21	1	2	307	11.5	3	1	1																														
92	9	9.8	35.43	1	2	330	30	2	0	5																														
93	9	12.48	35.43	1	2	336	48	2	0	1	93	60	9	13.1	35	3	336	51	2		60	60	13.5	35	3	3		60	9	13.9	28	1	3	336	48	2	0	BT,Y,SS	
94	9	8.07	29.53	1	2	352	44	2	0	5	94	63	9	9.2	12	3	352	48	2		63	63	10.0	12	3	2	BT,Bl,Y	63					99					DEAD	
95	9	5.9	33.46	1	2	346	23.5	2	0	5																														
96	9	7.68	32.81	1	2	353	26	2	0	5																														
97	9	7.361	35.1	1	3	339	22	1	0	0	96	61	9	8	26	3	339	22	2		61		11.2	26	3	2		61	9	12.2	41	1	2	339	22	2	0	SS,SB	
98	9	8.891	38.06	1	2	346	28	2	0	5	97	62	9	9.9	26	3	346	28	3		62		13.0	26	3	3		62	9	13.2	31	1	2	346	28	2	0	SS,SB	
99	3	7.6	32.81	1	3	20	25.5	2	0	1								0	0																				
1	9	3.6	20	1		0	0			1								0	0																				
2	9	4.3	27	1		0	0			1																														
3	9	5.8	26	1		0	0			1																														
4	9	5.9	30	1		0	0			1																														
5	9	4.2	28	1		0	0			1																														
6	9	4.8	29	1		0	0			1																														
7	9	3.9	22	1		0	0			1																														
8	9	4.1	27	1		0	0			1																														

COAST LIVE OAK THINNING STUDY - 1984 DATA												COAST LIVE OAK THINNING STUDY - 1989 DATA									COAST LIVE OAK THINNING STUDY - 1996 DATA							COAST LIVE OAK THINNING STUDY - 2001 DATA										
TREE NUMB	SPEC CODE	DBH (IN)	HT (FT)	IND CODE	VIGOR CODE	AZM (DEG)	HORZ DIST	CROWN CLASS	OLD CUT CODE	FINAL CUT CODE		OLD NUMB	NEW TREE NUMB	SPEC CODE	DBH (IN)	HT (FT)	VIGOR CODE	AZ (DEG)	HORZ DIST	CROWN CLASS	PLOT 2-1 NOTES & REMARKS		1989 NUMB	1996 NUMB	DBH (IN)	HT (FT)	VIGOR CODE	CROWN CLASS	PLOT 2-1 NOTES & REMARKS		2001 NUMB	SPEC CODE	DBH (IN)	HT (FT)	IND CODE	VIGOR CODE	AZM (DEG)	HORZ DIST	CROWN CLASS	CUT CODE	PLOT 2-1 NOTES & REMARKS
1	9	6.77	21.98	1	2	1	4	2	6	6																															
2	9	4.65	24.61	1	2	30	5	3	1	1																															
3	9	8.43	26.9	1	2	2	32.5	2	1	1																															
4	9	3.74	16.73	1	1	4	33	4	1	1																															
5	9	4.88	20.34	1	1	13	40.5	4	1	1																															
6	9	3.46	20.34	1	1	11	41	4	0	1																															
7	9	8.46	22.97	1	3	13	44.5	1	3	0		7	20	9	9.5	30	2	13	44.5	2			20	20	9.7	34	3	2			20	9	13.3	35	1	1	13	44.5	2	0	CB
8	9	9.09	23.95	1	3	15	43	2	3	5																															
9	9	4.25	14.44	1	1	15	47.2	4	1	1																															
10	9	6.77	21	1	2	16	46.3	2	0	5																															
11	9	5.04	14.76	1	1	32	40.5	4	1	1																															
12	9	8.07	27.89	1	1	42	23	2	0	2																															
13	9	9.37	29.2	1	3	44	32	1	0	0		13	21	9	11.9	32	2	44	32	2	CB		21	21	14.4	35	3	2	CB		21	9	16.9	37	1	1	44	32	2	0	CB
14	9	4.17	19.68	1	2	46	32	3	1	1																															
15	9	6.85	27.89	1	2	49	29	3	1	1																															
16	9	6.38	26.25	1	2	51	29	3	0	4																															
17	9	4.88	19.36	1	1	64	29	4	1	1																															
18	9	9.96	34.45	1	3	64	31	1	6	0		18	22	9	12.1	35	1	64	31	2			22	22	12.6	38	1	1			22	9	16	38	1	1	64	31	2	0	
19	9	8.82	26.25	1	2	64	34	2	0	5																															
20	9	11.77	24.61	1	1	49	50	0	1	1																															
21	9	5.87	21.33	1	2	76	33	4	0	3																															
22	9	10.98	31.5	1	3	93	27	2	0	5																															
23	9	11.02	39.37	1	3	84	46	1	0	5																															
24	9	9.33	35.1	1	3	93	44	2	0	5																															
25	9	12.6	36.74	1	3	96	46	1	0	0		25	23	9	13.7	45	1	96	46	2			23	23	14.8	40	2	2			23	9	16.3	48	1	2	96	46	2	0	SS,CB
26	9	15.39	36.42	1	3	90	33	1	0	0		26	24	9	16.3	40	1	90	33	2	CB (DEEPLY		24	24	17.2	36	2	2	CB (DEEPLY FUF		24	9	17.8	52	1	1	90	33	2	0	
27	9	10.47	32.48	1	3	115	49	3	0	0		27	25	9	11.1	47	2	115	49	2			25	25	11.9	45	2	2			25	9	12.6	45	1	2	115	49	2	0	CB
28	9	9.41	6.56	1	1	123	33	4	1	1																															
29	9	13.62	29.53	1	3	139	57	2	3	5																															
30	9	17.48	37.73	1	3	141	56	2	3	6																															
31	9	6.5	27.89	1	1	143	56	4	0	2																															
32	9	8.54	33.79	1	2	148	36	3	0	4																															
33	9	12.09	27.89	1	3	159	29	2	0	0		33	26	9	12.8	38	3	159	29	1	CB (DEEPLY		26	26	12.9	40	3	1	CB (DEEPLY CR		26					99					DEAD(MISSING)
34	9	9.72	25.59	1	1	158	31	4	0	2																															
35	9	8.82	24.61	1	2	157	27	3	0	4																															
36	9	12.99	24.93	1	3	175	15.5	2	0	6																															
37	9	11.3	28.87	1	3	186	17	3	0	4																															
38	9	6.38	21.98	1	1	189	17	4	0	2																															
39	9	12.36	34.12	1	3	186	32	2	0	6																															
40	9	13.46	39.04	1	3	200	28	2	0	0		40	27	9	13.9	45	3	200	28	2	BUMPY BARK		27	27	14.4	40	3	2	BUMPY BARK		27	9	14.4	34	1	3	200	28	2	0	CB
41	9	9.25	38.39	1	2	218	54	3	0	4																															
42	9	9.8	25.59	1	3	219	59	1	0	0		42	28	9	10.4	32	3	219	59	2			28	28	11.1	32	3	3			28	9	11.7	38	1	3	219	59	2	0	SS
43	9	9.37	32.15	1	3	218	57	2	0	5																															
44	9	9.57	32.15	1	3	228	49	2	0	0		44	29	9	10	45	2	228	49	2	BASAL WOU		29	29	11.4	40	2	3	BASAL WOUND		29	9	12	42	1	2	228	49	2	0	BI
45	9	12.56	26.9	1	2	232	53	3	0	4																															
46	9	8.35	26.57	1	2	232	25.5	3	0	4																															
47	9	10.63	34.78	1	3	235	18	2	0	5																															
48	9	12.4	36.09	1	3	233	32	1	0	0		48	30	9	14	46	2	233	32	2	BUMPY BARK		30	30	16.4	47	3	2	BUMPY BARK		30	9	17.6	65	1	1	233	32	2	0	CB
49	9	11.38	37.73	1	3	233	34	2	0	5																															
50	9	12.17	37.73	1	3	248	13	1	0	0		50	31	9	15.5	43	2	248	13	1	CB		31	31	18.4	45	3	1	CB		31	9	21.1	45	1	1	248	13	4	0	CB-FALLEN; STILL ALIVE
51	9	10.75	32.48	1	3	251	24.5	2	0	5																															
52	9	9.8	32.48	1	3	254	24.5	4	0	3																															
53	9	8.27	29.53	1	3	275	35.5	2	0	6																															
54	9	8.03	28.54	1	2	288	27	3	0	4																															
55	9	12.32	31.17	1	3	300	33	2	0	0		55	32	9	14.1	40	3	300	33	1	CB		32	32	14.5	41	3	1	CB		32	9	15.3	48	1	1	300	33	1	0	CB
56	9	8.94	32.48	1	2	302	49.8	3	0	4																															
57	9	6.57	24.61	1	3	308	39	4	0	3																															
58	9	8.35	25.26	1	3	308	34	3	0	4																															
59	9	11.61	28.54	1	3	310	22	2	0	5																															
60	9	10.24	31.82	1	2	311	32.5	1	0	5																															
61	9	13.74	26.25	1	3	323	40.4	1	0	0		61	33	9	16.4	35	3	323	40.4	3	FALLEN: NO		33	33			99		DEAD		33					99					DEAD
62	9	10.94	27.89	1	2	338	30.5	3	0	4																															
63	9	10.04	30.18	1	3	312	50	1	0	6																															
64	9	7.24	20.01	1	2	315	55	4	0	3																															
1	9	1.6	7	1																																					
2	9	3.5	7	1																																					
3	9	6.7	33	1																																					
4	9	3.5	8	1																																					
5	9	2.4	11	1																																					
6	9	2	7	1																																					
7	9	1.6	10	1																																					
8	9	0.5	23	1																																					
9	9	4.7	28	1																																					
10	9	7.2	33	1																																					
11	9	3.9	26	1																																					
12	9	8.3	33	1																																					
13	9	4.8	28	1																																					
14	9	3.9	26	1																																					
15	9	8.3	30	1																																					
16	9	5.8	33	1																																					
	9																																	34	9	2.8	26	1	2	10	6	3	0	
	9																																	35	9	4	25	1	2	34	4.8	3	0	
	9																																	36	9	4.3	25	1	2	35	4.8	3	0	

9	37	9	3.5	26	1	2	12	5.7	3	0	
9	38	9	2.6	25	1	2	10	5	3	0	
9	39	9	2	25	1	2	10	5	3	0	
9	40	9	3.4	20	1	2	98	8.8	3	0	
9	41	9	2.7	20	1	2	98	8.8	3	0	
9	42	9	4.3	28	1	2	228	17.8	3	0	
9	43	9	4.8	28	1	2	226	17.8	3	0	
9	44	9	3.7	30	1	2	241	21.4	3	0	
9	45	9	4.2	30	1	2	240	23.5	2	0	BEES DWELLING @BASE
9	46	9	3.2	24	1	2	234	32	3	0	
9	47	9	2.8	24	1	2	235	32	3	0	
9	48	9	3.4	26	1	2	206	24.1	4	0	
9	49	9	4	26	1	2	146	37.8	2	0	
9	50	9	4.1	26	1	2	148	36.8	2	0	
9	51	9	4.7	20	1	2	117	26.7	3	0	
9	52	9	3.2	22	1	2	135	29	3	0	
9	53	9	5	23	1	2	135	29	3	0	
9	54	9	2.9	20	1	2	130	30	3	0	
9	55	9	5.4	22	1	1	76	38	3	0	
9	56	9	5.6	22	1	1	77	37	3	0	
9	57	9	5.2	22	1	1	77	39	3	0	
9	58	9	3.4	22	1	1	78	38	3	0	
9	59	9	3.3	16	1	2	64	30	3	0	
9	60	9	3.2	14	1	2	18	30	3	0	
9	61	9	3	15	1	2	19	31	3	0	
9	62	9	3.7	16	1	2	20	31	3	0	
9	63	9	2.6	16	1	3	15	44	4	0	
9	64	9	3.2	16	1	3	35	34	4	0	
9	65	9	2.3	17	1	3	358	31.3	4	0	
9	66	9	3.6	15	1	3	340	31	4	0	LEAF SPOT
9	67	9	4.9	16	1	2	336	31.1	3	0	
9	68	9	5.6	17	1	2	274	34.8	4	0	
9	69	9	5.3	17	1	2	272	35	3	0	
9	70	9	4.8	18	1	2	276	35	4	0	
9	71	9	3.1	19	1	2	275	35	4	0	
9	72	9	4.6	19	1	2	275	33	3	0	
9	73	9	2.4	19	1	3	323	38	3	0	
9	74	9	5.3	22	1	2	298	32	3	0	
9	75	9	6	22	1	2	299	31	3	0	
9	76	9	3.2	20	1	3	300	36	3	0	
9	77	9	3.3	20	1	3	300	36	4	0	

COAST LIVE OAK THINNING STUDY - 1984 DATA											COAST LIVE OAK THINNING STUDY - 1989 DATA										COAST LIVE OAK THINNING STUDY - 1996 DATA								COAST LIVE OAK THINNING STUDY - 2001 DATA										
TREE NUMB	SPEC CODE	DBH (IN)	HT (FT)	IND CODE	VIGOR CODE	AZM (DEG)	HORZ DIST	CROWN CLASS	OLD CUT CODE	FINAL CUT CODE	OLD NUMB	NEW TREE NUMB	SPEC CODE	DBH (IN)	HT (FT)	VIGOR CODE	AZ (DEG)	HORZ DIST	CROWN CLASS	PLOT 2-2 NOTES & REMARKS	1989 NUMB	1996 NUMB	DBH (IN)	HT (FT)	VIGOR CODE	CROWN CLASS	PLOT 2-2 NOTES & REMARKS	2001 NUMB	SPEC CODE	DBH (IN)	HT (FT)	IND CODE	VIGOR CODE	AZM (DEG)	HORZ DIST	CROWN CLASS	CUT CODE	PLOT 2-2 NOTES & REMARKS
563	9	7.05	22.97	1	2	36	52.5	4	0	3	563	101	9	7.3	37	2	36	52.5	2		101	101	7.3	37	3	2		101	9	7.3	41	1	3	36	52.5	4	0	SS
564	9	7.01	22.31	1	2	38	52.5	3	0	4	564	102	9	7.4	35	3	38	52.5	2		102	102	7.9	35	3	2		102	9	7.7	35	1	3	38	52.5	3	0	
565	9	6.38	21.98	1	2	39	56.5	3	0	4	565	103	9	6.7	39	3	39	56.5	2		103	103	6.7	39	3	3		103	9	6.7	40	1	3	39	56.5	4	0	
566	9	11.73	29.86	1	3	43	38	1	0	0	566	104	9	12.0	41	2	43	38	2		104	104	12.2	41	3	2		104	9	12.4	41	1	1	43	38	2	0	BUTT ROT
567	9	7.09	22.97	1	1	36	30.5	4	0	2	567	105	9	7.1	30	3	36	30.5	3		105	105	7.4	30	3	3		105	9	7.2	35	1	3	36	30.5	4	0	
568	9	7.91	25.59	1	2	45	31	3	0	4	568	106	9	8.4	33	3	45	31	2		106	106	8.4	33	3	2		106	9	8.8	34	1	2	45	31	2	0	CB
569	9	8.58	22.97	1	1	44.5	64	4	0	2	569	107	9	8.2	32	3	45	64	3		107	107	8.4	32	3	4		107	9	8.4	32	1	3	44.5	64	4	0	CB
570	9	15.39	27.89	1	3	43	62	2	0	0	570	108	9	15.9	34	2	46	64	2	CB	108	108	16.0	34	2	2	CB	108	9	16.0	34	1	2	43	62	2	0	SS, NE CORNER
571	9	11.69	26.25	1	2	64	45	2	0	0	571	109	9	11.8	36	3	64	45	2		109	109	11.8	36	3	2		109	9	11.9	36	1	3	64	45	2	0	SS
572	9	12.72	26.25	1	3	94	24	2	2	1	572	110	9	13.1	35	3	97	24	2		110	110	13.8	35	3	2		110	9	14.5	35	1	1	94	24	2	0	CB
573	9	10.31	32.81	1	3	98	24	2	2	1	573	111	9	10.8	37	3	99	24	2		111	111	11.9	37	3	2		111	9	12.8	37	1	1	98	24	2	0	
574	9	10.16	25.26	1	2	101	25	3	0	4	574	112	9	10.5	40	2	101	24	2		112	112	11.2	40	3	2		112	9	11.2	40	1	2	101	25	3	0	
575	9	10.12	27.23	1	3	105	24	2	0	0	575	113	9	10.5	38	3	103	24	2		113	113	10.8	38	3	2		113	9	11.1	40	1	2	105	24	2	0	
576	9	12.99	27.89	1	3	123	44	2	0	0	576	114	9	13.8	40	2	120	44	2		114	114	14.2	40	2	2		114	9	14.6	44	1	2	123	44	2	0	CB,SS
577	9	15.47	32.81	1	3	118	44	1	0	0	577	115	9	16.3	41	2	118	44	1		115	115	17.2	41	2	2		115	9	17.8	36	1	1	118	44	2	0	SS
578	9	10.71	26.25	1	3	118	48.5	3	0	4	578	116	9	10.7	34	3	118	48.5	2		116	116	11.2	34	2	2		116	9	11.7	31	1	2	118	48.5	3	0	CB,SS
579	9	8.15	21	1	1	116	48.5	4	0	2	579	117	9	8.6	37	3	116	48.5	2	CB	117	117	8.7	37	3	3	CB	117	9	9.0	32	1	2	116	48.5	3	0	
580	9	6.57	26.25	1	2	134	41	4	0	3	580	118	9	7.1	37	3	136	41	2	CB	118	118	7.5	37	3	3	CB	118	9	7.2	39	1	3	134	41	4	0	
581	9	13.62	29.86	1	3	138	41	2	0	0	581	119	9	14.4	43	2	138	41	2	CB	119	119	15.0	43	3	2	CB	119	9	15.9	40	1	2	138	41	2	0	CB
582	9	9.21	25.26	1	3	132.5	61.5	3	2	1	582	120	9	9.3	34	3	135	64.5	2		120	120	9.9	34	3	2		120	9	10.2	33	1	2	132.5	61.5	3	0	CB,SS
583	9	12.87	24.61	1	3	135.5	63	3	2	1	583	121	9	12.9	34	3	136	64.5	2		121	121	13.5	34	3	2		121	9	13.5	34	1	2	135.5	63	3	0	CB,SS
584	9	9.29	25.26	1	2	137	59	3	0	4	584	122	9	9.5	40	3	137	59	2		122	122	9.9	40	3	2		122	9	10.0	36	1	3	137	59	3	0	SS
585	9	10.24	30.18	1	3	143	26	1	0	0	585	123	9	10.9	51	3	143	26	1		123	123	11.8	51	3	2		123	9	12.2	51	1	1	143	26	2	0	CB
586	9	11.22	31.17	1	3	150	26	2	0	0	586	124	9	11.3	44	3	150	26	2		124	124	12.1	44	3	2		124	9	12.3	44	1	2	150	26	2	0	CB
587	9	10.55	21.33	1	2	154	30	3	0	4	587	125	9	10.7	35	3	154	30	3		125	125	10.7	35	3	4	CB	125	9	10.7	35	1	3	154	30	4	0	D, ALMOST DEAD
588	9	7.2	26.25	1	1	170	43.5	4	0	2	588	126	9	7.7	39	3	170	43.5	2		126	126	7.9	39	3	3		126	9	8.0	36	1	3	170	43.5	3	0	
589	9	7.36	20.34	1	1	171	29.5	4	0	2	589	127	9	7.3	29	3	171	29.5	4		127	127	7.5	29	3	4		127	9	7.5	24	1	3	171	29.5	4	0	BT, ALMOST DEAD
590	9	7.56	23.95	1	1	169	28	4	0	2	590	128	9	7.3	31	3	169	28	3		128	128	7.3	31	3	4		128	9	7.3	31	1	3	169	28	4	0	DT, ALMOST DEAD
591	9	8.62	23.95	1	2	173	28	3	1	1	591	129	9	8.7	39	3	173	28	2		129	129	8.7	39	3	3		129	9	8.7	40	1	2	173	28	3	0	SS
592	9	11.81	32.81	1	3	68	17.5	2	0	0	592	130	9	12.2	41	3	168	17.5	2		130	130	12.4	41	3	3		130	9	12.4	43	1	3	68	17.5	3	0	BI,SS
593	9	9.41	29.53	1	2	177	17.5	3	0	4	593	131	9	9.5	40	3	177	17.5	2		131	131	9.6	40	3	3		131	9	9.7	43	1	2	177	17.5	3	0	BI,SS
594	9	14.37	37.73	1	3	180	12.5	1	0	0	594	132	9	15.3	44	3	180	12.5	1		132	132	15.5	44	3	1		132	9	16.9	50	1	1	180	12.5	1	0	CB
595	9	9.49	32.81	1	2	190	16	2	0	0	595	133	9	9.7	41	3	190	16	2	SP	133	133	9.9	41	3	3	SP	133	9	10.0	42	1	2	190	16	2	0	SP,SS
596	9	12.72	31.17	1	3	178	40.5	1	0	0	596	134	9	15.4	42	3	178	40.5	2	CB	134	134	14.1	42	3	2	CB	134	9	14.6	40	1	2	178	40.5	1	0	CB
597	9	11.02	28.54	1	2	187	34	2	0	0	597	135	9	11.3	39	3	187	34	2		135	135	11.4	39	3	2		135					99					DEAD
598	9	10.16	29.53	1	3	190	28	2	0	0	598	136	9	10.3	37	3	190	28	2	SP	136	136	10.5	37	3	2	SP	136	9	10.8	32	1	2	190	28	3	0	SP, CB
599	9	7.64	24.61	1	1	215	38	4	0	2	599	137	9	7.2	41	3	215	38	3		137	137	7.3	41	3	4		137	9	7.7	30	1	3	215	38	4	0	
600	9	8.58	24.61	1	2	217	38	4	0	3	600	138	9	8.5	42	3	217	38	2		138	138	8.6	42	3	2		138	9	8.5	28	1	3	217	38	3	0	
601	9	8.54	27.89	1	1	219	38	4	0	2	601	139	9	9.5	44	3	219	38	2		139	139	9.6	44	3	2		139	9	9.9	32	1	2	219	38	3	0	
602	9	11.06	27.23	1	1	223	48	4	0	2	602	140	9	10.9	42	3	223	48	2	SP	140	140	11.1	42	3	2	SP	140	9	11.2	38	1	2	223	48	2	0	SP
603	9	15.71	34.45	1	3	225	48	2	0	0	603	141	9	16.1	41	3	225	48	2	CB	141	141	16.2	41	3	2	CB	141	9	17.0	42	1	2	225	48	2	0	CB
604	9	13.94	35.1	1	3	223	54	1	0	0	604	142	9	13.8	43	3	223	54	1		142	142	14.1	43	3	2		142	9	14.8	40	1	2	223	54	2	0	
605	9	8.86	31.5	1	2	225	54	4	0	3	605	143	9	8.9	40	3	225	54	2		143	143	9.1	40	3	2		143	9	9.2	39	1	2	225	54	3	0	
606	9	14.88	36.09	1	3	234	27	2	0	0	606	144	9	15.5	44	2	234	27	2		144	144	15.7	44	2	2		144					99					DEAD
607	9	15.24	36.09	1	3	239	27	1	0	0	607	145	9	16.0	46	3	236	27	2		145	145	16.2	46	3	2		145	9	17.4	47	1	1	239	27	2	0	SS
608	9	9.29	27.56	1	2	222	17	3	0	4	608	146	9	9.3	38	2	222	17	2		146	146	9.5	38	3	4		146	9	9.4	43	1	2	222	17	3	0	SS
609	9	5.87	22.97	1	2	258	12	3	1	1	609					99				DEAD						99	DEAD						99					DEAD
610	9	6.89	31.17	1	2	253	12	3	0	4	610	147	9	7.0	41	3	253	12	2		147	147	7.1	41	3	4		147	9	7.1	35	1	3	253	12	4	0	
611	9	8.58	26.25	1	1	265	30.5	4	1	1	611	148	9	8.8	36	2	268	30.5	3		148	148	9.0	36	2	3		148	9	8.9	40	1	2	265	30.5	4	0	SS
612	9	11.3	32.81	1	3	270	30.5	2	0	0	612	149	9	11.5	38	2	270	30.5	2		149	149	11.6	38	3	2		149	9	12.1	41	1	2	270	30.5	2	0	SS
613	9	14.96	36.09	1	3	270	32.5	1	0	0	613	150	9	16.0	38	1	270	32.5	2		150	150	16.3	38	2	2		150	9	16.7	42	1	2	270	32.5	2	0	CB,SS
614	9	10.98	31.82	1	1	280	27	3	1	1	614	151	9	11.7	42	3	280	27	2		151	151	11.9	42	3	2		151	9	11.1	42	1	1	280	27	3	0	CB,SS
615	9	14.69	34.45	1	3	285	27	1	0	0	615	152	9	14.9	44	3	282	27	2		152	152	15.2	44	3	3		152	9	15.2	50	1	2	285	27	2	0	SS
616	9	9.33	27.89	1	2	289	32	3	0	4	616	153	9	9.4	37	3	289	32	2		153	153	9.7	37	3	3		153	9	9.8	31	1	3	289	32	3	0	SS
617	9	7.56	24.61	1	1	308	21	4	1	1	617	154	9	7.8	25	3	310	21	4		154	154	7.9	25	3	3		154	9	7.9	25	1	2	308	21	4	0	BI,SS
618	9	13.74	32.81	1	3	312	21	2	0	0	618	155	9	14.1	41	2	312	21	2		155	155	14.3	41	2	3		155	9	15.2	42	1	1	312	21	2	0	CB
619	9	13.62	31.82	1	3	324	24.5	2	1	1	619	156	9	13.7	46	3	324	24.5	2		156	156	13.9	46	3	2		156	9	13.9	41	1	1	324	24.5	2	0	SS
620	9	12.28	31.5	1	3	328	24.5	2	1	1	620	157	9	12.4	39	3	326	24.5	2		157	157	12.7	39	3	3		157	9	14.2	32	1	1	328	24.5	2	0	SS
621	9	11.06	31.82	1	3	316	30.5	1	0	0	621	158	9	11.6	43	2	316	30.5	2		158	158	11.9	43	3	2		158	9	12.8	45	1	3	316	30.5	2	0	CB
622	9	8.66	27.89	1	1	318	30.5	4	1	1	622	159	9	8.7	34	3	318	30.5	3		159	159	8.9	34	2	3		159	9	8.8	31	1	2	318	30.5	4	0	SS
623	9	12.83	31.17	1	3	320	33	2	0	0	623	160	9	13.3	41	3	320	30.5	2		160	160	13.6	41	3	2		160	9	13.8	42	1	1	320	33	2	0	SS
624	9	14.8	31.17	1	3	315	34	2	1	1	624	161	9	15.3	41	3	315	31	2		161	161	15.2	41	3	2		161	9	16.1	44	1	1	315	34	2	0	CB,SS
625	9	15.35	34.45	1	3	334	8	1	0	0	625	162	9	15.7	39	3	334	8	2		162	162	15.9	39	3	2		162	9	17.3	32	1	3	334	8	2	0	CB,SS
626	9	12.32	33.14	1	3	320	59	1	0	0	626	163	9	12.5	44	2	320	59	2		163	163	12.8	44	3	2		163	9	13.2	43	1	1	320	59	2	0	SS
627	9	14.06	34.12	1	3	325	53	1	0	0	627	164	9	14.2	45	3	325	56	2		164	164	14.5	45	3	2		164	9	14.8	40	1	1	325	53	2	0	SS
628	9	9.41	26.25	1	3	348	47	3	0	4	628	165	9	9.7	39	2	348	47	2		165	165	9.9	39	3	2		165	9	10.2	30	1	2	348	47	3	0	
629	9	15.91	35.43	1	3	248	38.5	2	0	0	629	166	9	16.0	43	2	248	38.5	2		166	166	16.2	43	2	3		166	9	17.3	39	1	2	248	38.5	2	0	
1	9	20.23	21.11	1		30	59				71	9	21.0	39	2	30	59	1		71	71	22.4	39	2	1	Check the HD a	71	9	22.9	40	1	1	30	53	1	0	HD/AZ CHECKED
2	9	7.01	12	1		88	24				72	9	7.1	16	3	88	24	4		72	72	7.4	16	3	4		72					99					DEAD
3	9	3.967	10.92	1		128	35				73	9	3.9	27	3	128	35	3		73	73	4.1	27	3	4		73	9	4.0	29	1	3	128	35	4	0	SS
4	9	8.056	17.72	1		134	43.5				74	9	8.2	35	2	134	43.5	2		74	74	8.6	35	3	2		74	9	8.9	35	1	3	134	43.5	4	0	
5	9	7.391	15.17	1		134	43.5				75	9	7.5	32	3	134	43.5	2		75	75	7.9	32	3	2		75	9	7.9	32	1	3	134	43.5	4	0	SS
6	9	8.437	8.376	1		184	29.5				76	9	8.6	24	3	184	29.5	3		76	76	8.7	24	3	4		76	9	8.8	30	1	3	184	29.5	4	0	SS,BI
7	9	5.679	8.376	1		180	44				77	9	5.7	24	3	180	44	3		77	77	5.9	24	3	4		77	9	5.5	24	1	3	180	44	4	0	DT,SS
8	9	9.578	17.72	1		246	38				78	9	9.8	35	3	246	38	3		78	78	9.8	35	3	3		78	9	9.8	32	1	2	246	38	3	0	
9	9	9.958	21.11	1		250	39.5				79	9	10.2	39	2	250	39.5	2		79	79	10.3	39	3	2		79	9	10.4	29	1	3	250	39.5	4	0	
10	9	5.964	18	1		340	47.5				80	9	6.0	23	3	340	47.5	3		80	80	6.4	23	3	3		80	9	6.3	23	1	3	340	47.5	4	0	BT,DT,SS,D

COAST LIVE OAK THINNING STUDY - 1984 DATA												COAST LIVE OAK THINNING STUDY - 1989 DATA												COAST LIVE OAK THINNING STUDY - 1996 DATA								COAST LIVE OAK THINNING STUDY - 2001 DATA										
									OLD	FINAL			NEW			New					PLOT 2-3									PLOT 2-3										PLOT 2-3
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT		OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &		1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	2001	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE		NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS		NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
629	9	7.44	27.89	1	1	1	24	3	1	1																														
630	9	11.46	31.17	1	2	10	23	2	0	0		630	1	9	11.2	45	3	10	23	2		37	1	1	11.6	37	3	2		1	9	11.4	43	1	2	10	23	2	0	
631	9	8.78	27.89	1	1	5	18.5	3	1	1																														
632	9	12.05	32.81	1	2	22	40	2	0	5																														
633	9	8.03	26.25	1	1	25	44.5	4	0	2																														
634	9	16.06	36.42	1	3	25	36	1	0	0		634	2	9	16.6	50	3	25	36	1		41	2	2	16.9	41	3	1		2	9	17.2	45.1	1	2	25	36	1	0	CB, D
635	9	11.93	36.74	1	3	35	33	2	0	0		635	3	9	12.3	48	2	35	33	2		40	3	3	12.7	40	2	3	BI	3	9	13.1	38	1	1	35	33	1	0	BI,SS
636	9	12.95	35.76	1	3	37	42.5	2	0	5																														
637	9	17.28	34.45	1	3	38	45	1	0	0		637	4	9	17.7	49	2	38	45	1		45	4	4	18.2	45	2	2		4	9	18.7	45	1	1	38	45	1	0	
638	9	9.29	32.48	1	1	38	41	4	0	2																														
639	9	14.33	36.09	1	3	38	50	2	0	5																														
640	9	20.16	38.06	1	3	52	26	1	0	0		640	5	9	21	50	3	52	26	1		48	5	5	21.7	48	3	1	CB	5	9	22.5	54	1	2	52	26	1	0	CB, D
641	9	10.71	32.81	1	2	60	8	2	0	0		641	6	9	11.2	47	3	60	8	2		35	6	6	11.3	35	3	2		6	9	11.5	35	1	1	60	8	2	0	CB
642	9	9.21	26.25	1	1	62	7	4	0	2																														
643	9	12.95	37.73	1	3	92	35	1	0	1																														
644	9	18.07	38.39	1	2	98	38	2	0	5																														
645	9	18.11	37.4	1	3	102	39	1	0	5																														
646	9	14.17	37.73	1	3	98	32.5	1	0	0		646	7	9	16.6	55	2	98	32.5	1		50	7	7	16.9	50	3	2	CB	7	9	18.2	50	1	1	98	32.5	2	0	CB,SS
647	9	14.29	38.39	1	3	115	32	1	0	0		647	8	9	15.7	45	2	115	32	2	SP	46	8	8	17.1	46	2	2	SP	8	9	17.1	46	1	1	115	32	2	0	SP,SS
648	9	8.9	30.51	1	2	137	44.5	2	0	5																														
649	9	9.72	27.89	1	2	145	43	3	0	4																														
650	9	12.44	32.81	1	3	145	45	2	0	0		650	9	9	14	47	2	145	45	1	CB	48	9	9	14.9	48	3	1	CB	9	9	17.0	45	1	1	145	45	1	0	CB
651	9	10.71	32.15	1	3	147	46	2	0	5																														
652	9	7.01	24.61	1	1	145	48	4	0	2																														
653	9	7.87	26.25	1	2	158	45	4	0	3																														
654	9	6.81	25.59	1	2	158	47.5	4	0	3																														
655	9	6.1	24.93	1	2	167	45	4	0	3																														
656	9	10.35	24.93	1	1	182	25.5	4	0	2																														
657	9	11.02	27.89	1	2	185	25.5	3	0	4																														
658	9	11.14	24.61	1	2	183	29	3	0	4																														
659	9	11.18	29.53	1	2	185	30	3	0	4																														
660	9	10.63	29.53	1	2	184	35	4	0	3																														
661	9	8.66	37.07	1	3	207	30	2	0	5																														
662	9	13.43	37.73	1	3	207	32	2	0	0		662	10	9	13.7	48	3	207	32	1		35	10	10	14.6	35	3	1		10					99					DEAD
663	9	7.48	28.87	1	3	220	38	3	3	4																														
664	9	8.19	31.17	1	3	222	34.5	3	3	4																														
665	9	10.83	29.53	1	3	219	35	2	0	0		665	11	9	11.8	32	1	219	35	3	CB	30	11	11	12.7	30	3	3	CB	11	9	15.3	31.0	1	1	219	35	2	0	CB
666	9	12.48	31.17	1	2	240	50	1	0	0		666	12	9	17.1	52	2	240	53	2	SP	30	12	12	19.5	30	2	3	SP	12					99					MISSING (DEAD)
667	9	15.28	32.81	1	3	240	52	4	0	3																														
668	9	7.4	27.23	1	1	227	61	4	0	2																														
669	9	7.13	27.89	1	2	231	42.5	3	2	1																														
670	9	7.48	29.53	1	2	233	42.5	3	2	1																														
671	9	10.63	27.56	1	2	246	29.5	3	1	1																														
672	9	17.87	40.03	1	3	258	29.5	1	0	0		672	13	9	19	54	2	258	29.5	1		55	13	13	19.2	55	3	2	CB	13	9	19.6	57	1	1	258	29.5	1	0	CB
673	9	11.5	31.5	1	1	239	18	3	1	1																														CB,SS
674	9	16.5	38.39	1	3	239	5	2	3	0		674	14	9	16.6	49	3	239	5	2	CB	45	14	14	17.4	45	3	2	CB	14	9	17.7	40	1	1	239	5	1	0	
675	9	10.16	33.46	1	2	251	7	3	3	4																														
676	9	10.63	33.79	1	1	251	4	3	0	2																														
677	9	11.85	40.03	1	3	261	32	1	0	5																														
678	9	14.96	40.35	1	3	278	38.5	1	0	0		678	15	9	16.3	50	3	278	38.5	1	CB	54	15	15	16.5	54	3	2	CB	15	9	17.5	58	1	1	278	38.5	2	0	CB
679	9	11.77	39.04	1	3	282	33	2	0	0		679	16	9	12.5	45	2	282	33	3		50	16	16	12.7	50	3	3	CB	16	9	14.3	55	1	1	282	33	2	0	CB,SS
680	9	10.75	37.07	1	3	299	50	2	0	5																														
681	9	16.1	36.42	1	3	298	46	1	0	0		681	17	9	16.6	48	2	298	46	2	CB	45	17	17	18.0	45	3	2	CB	17	9	18.1	45	1	1	298	46	2	0	CB
682	9	9.49	34.45	1	2	299	44	3	0	4																														
683	9	9.45	31.17	1	2	307	35	3	0	4																														
684	9	9.65	24.61	1	2	323	35	3	1	1																														
685	9	12.64	27.89	1	2	323	10	2	0	0		685	18	9	13	47	2	323	10	2	SP	49	18	18	13.2	49	3	2	SP	18	9	13.0	52	1	2	323	10	2	0	SP,SS
686	9	11.97	34.12	1	2	347	17	2	0	5																														
687	9	15.63	44.29	1	3	349	23	1	0	0		687	19	9	16.6	52	3	349	23	1		50	19	19	17.0	50	3	1		19	9	18.4	52	1	1	349	23	1	0	
1	9	8.8	49	1		0	0	1																																
2	9	3.5	8	1		0	0	1																																
3	9	3.9	23	1		0	0	1																																
4	9	4.8	20	1		0	0	1																																
5	9	4.7	23	1		0	0	1																																
6	9	4.7	23	1		0	0	1																																
7	9	5	16	1		0	0	1																																
8	9	7.3	23	1		0	0	1																																
9	9	5.5	26	1		0	0	1																																
10	9	3.9	10	1		0	0	1																																
11	9	4.9	33	1		0	0	1																																
12	9	9.1	23	1		0	0	1																																
	9																													20	9	4.6	25.0	1	1	175	30.3	2	0	Ingrowth
	9																													21	9	4.1	24.0	1	1	176	30.8	2	0	Ingrowth
	9																													22	9	4.3	24.0	1	1	173	31.6	2	0	Ingrowth
	9																													23	9	2.1	21.0	1	1	140	45.9	3	0	Ingrowth
	9																													24	9	3.1	24.0	1	1	146	46.8	3	0	Ingrowth
	9																													25	9	2.8	22.0	1	1	148	46.4	3	0	Ingrowth
	9																													26	9	2.1	24.0	1	1	210	46.9	2	0	Ingrowth
	9																													27	9	3.1	24.0	1	1	233	16.2	3	0	Ingrowth
	9																													28	9	3.9	17.5	1	1	248	31	3	0	Ingrowth
	9																													29	9	2.8	24.0	1	1	212	33.8	2	0	Ingrowth

	COAST LIVE OAK THINNING STUDY - 1984 DATA											COAST LIVE OAK THINNING STUDY - 1989 DATA										COAST LIVE OAK THINNING STUDY - 1996 DATA								COAST LIVE OAK THINNING STUDY - 2001 DATA									
									OLD	FINAL			NEW				New				PLOT 3-1								PLOT 3-1									PLOT 3-1
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT	OLD	TREE	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	2001	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE	NUMB	NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
690	9	7.01	38.71	1	3	355	1	1	0	0	690	690	9	8.3	44	3	355	1	2	S, BASAL FIRE	690	690	9.5	44	3	2	BI, BT	690	9	9.8	48.0	1	2.0	355	1	4.0	0	BT, new leader
691	9	6.65	41.99	1	3	355	6.4	2	0	0	691	691	9	7.2	40	3	355	6.4	3	S (SEVERE),B	691	691	7.7	40	3	4	BT, CB, BI	691	9	7.7	40.0	1	3.0	355	6.4	4.0	0	SS, almost dead
692	9	8.5	43.63	1	3	39	51	1	3	0	692	692	9	10	56	3	39	51	2		692	692	11.8	56	3	2		692	9	12.9	63	1	2	39	51	2	0	
693	9	6.61	41.99	1	3	41	51	2	2	1																												
694	9	6.73	34.45	1	2	45	48.5	3	1	1																												
695	9	7.48	42.32	1	3	46	53.3	2	0	0	695	695	9	8.3	42	3	46	53.3	3	BT	695	695	8.8	42	3	2		695	9	8.9	45	1	2	46	53.3	2	0	
696	9	8.43	41.01	1	3	50	54.5	2	0	0	696	696	9	9.5	44	3	50	54.5	3	S,BT	696	696	10.1	44	3	3		696	9	10.6	48	1	2	50	54.5	2	0	CB
697	9	4.17	34.78	1	3	55	39.12	3	0	4																												
698	9	6.65	42.98	1	3	58	19.3	2	0	0	698	698	9	8.2	50	3	58	19.3	2	S,Y	698	192	10.3	50	3	2		192	9	11.2	53	1	2	58	19.3	2	0	CB,SS
699	9	5.51	34.45	1	3	64	19.3	4	0	3																												
700	9	5.87	42.32	1	3	65	20.6	2	1	1																												
701	9	4.65	45.6	1	3	72	5.5	3	1	1																												
702	9	9.25	49.21	1	3	81	20.5	1	0	0	702	702	9	11.1	50	3	81	20.5	1	S	702	78	13.1	50	3	1		78	9	14.6	51	1	2	81	20.5	2	0	
703	9	5.63	35.76	1	3	98	15.5	2	0	6																												
704	9	5.98	39.37	1	3	61	44.3	2	1	1																												
705	9	6.42	37.73	1	3	63	44.3	1	0	0	705	705	9	8	52	2	63	44.3	2	BASAL WOUN	705	705	10.0	52	2	1	BI	705	9	11.2	56	1	2	63	44.3	2	0	BI,CB
706	9	5.87	34.12	1	3	106	34.3	3	1	1																												
707	9	5.04	33.46	1	3	103	36.8	2	0	0	707	707	9	5.8	30	3	103	36.8	4	BT	707	707	6.0	30	3	4	BT	707	9	7.0	30	1	3	103	36.8	4	0	BT,SS
708	9	4.96	41.01	1	3	112	30.3	2	1	1																												
709	9	5.94	33.46	1	3	115	32.5	2	1	1																												
710	9	7.09	39.04	1	3	117	30.5	1	0	0	710	710	9	8.4	49	3	117	30.5	1	S	710	710	10.2	49	3	1	CB	710	9	11.2	49	1	2	117	30.5	2	0	CB,BI,SS,SB
711	9	9.69	45.93	1	3	115	24	1	0	0	711	711	9	11.2	45	2	115	24	1	S (SEVERE),C	711	711	11.6	45	2	1	CB	711	9	11.9	45	1	3	115	24	2	0	CB
712	9	7.52	53.48	1	3	110	22	2	0	0	712	712	9	8.4	40	3	110	22	2	S (SEVERE), E	712	712	9.0	40	3	2		712	9	9.3	44	1	3	110	22	2	0	CB,SS
713	9	5.91	41.99	1	3	120	19	1	1	1																												
714	9	4.33	36.42	1	3	141	16.5	2	0	6																												
715	9	4.72	41.34	1	3	143	15	2	1	1																												
716	9	5.31	39.7	1	3	142	18	2	0	0	716	716	9	6	49	3	142	18	2		716	716	6.7	49	3	2		716	9	7.0	49	1	3	142	18	4	0	SB,SS
717	9	7.44	34.78	1	3	145	46.5	2	0	0	717	717	9	8.3	42	3	145	46.5	4	S,BT	717	717	9.3	42	3	3	BT	717	9	10.5	44	1	3	145	46.5	2	0	CB
718	9	6.3	32.15	1	3	147	46.5	3	1	1																												
719	9	4.61	38.71	1	3	160	29	2	0	0	719	719				99				MISSING	719	719			99		MISSING	719										
720	9	4.65	39.7	1	3	162	31.5	2	1	1																												
721	9	5.08	40.35	1	3	159	30.5	2	1	1																												
722	9	5.04	40.68	1	3	162	30.5	2	0	0	722	722	9	6.2	50	2	162	30.5	2		722	722	8.3	50	2	2		722	9	9.7	52	1	2	162	30.5	2	0	
723	9	6.1	38.71	1	3	167	13	2	0	0	723	723	9	6.8	53	3	167	13	2		723	723	7.3	53	3	3		723	9	7.3	54	1	3	167	13	4	0	SS
724	9	6.3	41.34	1	3	173	27	2	0	0	724	724	9	7.4	55	3	173	27	1	S	724	79	8.8	55	3	2	S	79	9	9.8	57	1	2	173	27	2	0	SS,SB exudates
725	9	5.31	35.76	1	3	173	43	2	0	0	725	725	9	5.9	61	2	173	43	2		725	725	7.2	61	2	2		725	9	8.3	63	1	2	173	43	2	0	SS
726	9	4.69	34.12	1	2	178	46	4	1	1																												
727	9	3.86	36.09	1	3	180	36.5	2	0	1																												
728	9	5.31	38.71	1	3	184	30.5	2	0	0	728	728	9	6.1	52	3	184	30.5	2		728	728			99		DEAD	728	9	6.9	48	1	3	184	30.5	4	0	NOT DEAD, SS
729	9	5.91	36.09	1	3	186	44	2	1	0	729	729	9	7.1	45	3	186	44	3	S	729	729	7.8	45	3	3	S	729	9	8.2	45	1	3	186	44	4	0	SS, leaning badlu
730	9	8.15	50.2	1	3	190	43	1	0	0	730	730	9	9.3	50	3	190	43	2		730	730	9.5	50	3	2		730	9	9.7	50	1	3	190	43	4	0	SS,BT
731	9	7.68	33.79	1	3	188	43	3	1	1																												
732	9	8.66	54.13	1	3	192	38	1	0	0	732	732	9	10.2	60	2	192	38	1	S	732	732	12.7	60	2	1		732	9	14.2	62	1	2	192	38	1	0	SS,CB
733	9	5.98	44.29	1	3	194	31	2	0	0	733	733	9	6.9	46	3	194	31	3	BT	733	733			99		DEAD	733										
734	9	5.08	38.06	1	3	195	30	3	1	1																												
735	9	10.24	53.48	1	3	214	55	1	0	0	735	735	9	11.4	60	1	214	55	1	CB	735	735	12.9	60	2	1	CB	735	9	14.6	67	1	2	214	55	1	0	CB,BS
736	9	5.83	42.65	1	3	214	52	3	0	4																												
737	9	7.87	52.49	1	3	208	40	2	1	0	737	737	9	9.1	53	3	208	40	2	S (SEVERE)	737	737	11.7	53	3	2		737	9	11.8	55	1	2	208	40	2	0	CB
738	9	8.9	52.49	1	3	211	38.5	1	0	0	738	738	9	10.1	45	3	211	38.5	3	S (SEVERE),B	738	738	10.7	45	3	2		738	9	11.0	49	1	2	211	38.5	2	0	SS
739	9	7.24	51.51	1	3	215	29	2	0	0	739	739	9	8.5	55	2	215	29	2	S	739	739	10.0	55	2	2		739	9	11.3	56	1	2	215	29	2	0	
740	9	5.31	51.51	1	3	217	29	2	1	1																												
741	9	6.69	51.18	1	3	223	23	2	0	0	741	741	9	8.1	47	2	223	23	2	CB	741	197	10.2	47	2	2	CB	197	9	11.3	42	1	2	223	23	2	0	CB,SS
742	9	6.65	46.59	1	3	228	24	2	1	1																												
743	9	6.81	49.21	1	3	258	21.5	1	0	0	743	743	9	8	50	3	258	21.5	2		743	743	9.2	50	2	3	BI	743	9	10.1	50	1	3	258	21.5	2	0	BI,SB,SS,learning
744	9	5.2	38.39	1	3	244	30.5	2	1	1																												
745	9	3.74	30.84	1	3	246	31	4	1	1																												
746	9	5.63	42.65	1	3	252	31	1	0	0	746	746	9	6.5	50	2	252	31	2		746	196	8.5	50	2	2		196	9	9.7	56	1	2	252	31	2	0	
747	9	4.29	36.09	1	2	255	30	3	1	1																												
748	9	4.37	39.37	1	2	258	31	3	1	1																												
749	9	6.61	39.04	1	3	247	37.5	1	0	0	749	749	9	8.1	45	2	247	37.5	2	Note: Tree nu	749	198	9.6	45	3	2	CB	198	9	10.5	51	1	2	247	37.5	2	0	CB,SS
751	9	6.69	36.74	1	3	249	38	2	1	1																												
752	9	3.94	38.39	1	3	268	28.5	3	1	1																												
753	1	20	61.35	10	3	290	22.5	1	0	0	753	753	1	20.2	63	2	290	22.5	1		753	753	20.8	63	3	1	VALLEY OAK	753	1	21.2	65	10	1	290	22.5	1	0	Valley Oak
754	9	3.82	36.42	1	3	289	11.5	3	1	1																												
755	9	4.96	37.73	1	3	267	41.5	3	0	4																												
756	9	8.23	41.01	1	3	266	46	1	0	0	756	756	9	9.4	30	3	266	46	2	S,CB	756	756	10.6	30	3	2	CB	756	9	11.3	38	1	2	266	46	2	0	CB
757	9	4.65	40.03	1	3	275	44	3	1	1																												
758	9	5.51	41.01	1	3	277	44.5	1	0	0	758	758	9	6.6	60	2	277	44.5	2	CB	758	195	8.8	60	2	1	CB	195	9	10.1	63	1	2	277	44.5	2	0	CB,SB,SS
759	9	4.8	41.01	1	3	286	47.5	3	1	1																												
760	9	4.57	37.07	1	3	290	48	3	0	4																												
761	9	6.5	41.99	1	3	290	42	1	0	0	761	761	9	7.6	50	1	290	42	2		761	761	8.1	50	1	2		761	9	8.2	50	1	2	290	42	2	0	SS
762	9	2.36	32.81	1	3	276	32	4	0	1																												
763	9	5.31	39.7	1	3	302	50	2	0	6																												
764	9	5.79	42.65	1	3	308	42	2	0	5																												
765	9	6.81	45.93	1	3	314	41	2	0	0	765	765	9	8.3	54	3	314	41	2	S,BT	765	765	9.5	54	3	2		765	9	10.3	56	1	1	314	41	2	0	CB
766	9	3.54	40.03	1	3	307	29	3	1	1																												
767	9	4.06	45.93	1	3	317	35.5	3	1	1																												
768	9	6.5	43.63	1	3	316	50.5	2	0	0	768	768	9	7.5	45	2	316	50.5	2	CB	768	768	9.3	45	3	2		768	9	10.6	57	1	2	316	50.5	2	0	SS
769	9	6.34	36.09	1	3	317	51	2	1	1																												
770	9	5.35	40.68	1	3	321	57	2	0	0	770	770	9	6.5	53	2	321	59.3	2		770	770	8.2	53	2	3		770	9	9.2	58	1	2	321	57	2	0	SS
771	9	4.8	37.73	1	3	320	45.5	3	1	1																												
772	9	5.28	37.73	1	3	325	44	2	0	0	772	772	9	5.9	27	3	325	44	4	BT	772	772	6.0	27	3	4	BT, CB, BI	772	9	6.0	27	1	3	325	44	2	0	BT,CB,BI,SS
773	9	5.63	36.09	1	3	326	49	2	0	6																												

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774	9	4.96	36.42	1	3	330	51	2	1	1																												
775	9	6.22	39.37	1	3	327	46.5	2	0	0	775	775	9	7.2	47	2	327	46.5	2		775	775	8.4	47	3	2		775	9	8.8	51	1	1	327	46.5	3	0	SS
776	9	5.43	43.63	1	3	329	47	2	1	1																												
777	9	8.54	33.79	1	3	340	40	1	0	0	777	777	9	10.1	55	3	340	40	2	CB	777	194	10.5	55	3	2	CB	194	9	13.4	65	1	1	340	40	2	0	CB,SS
778	9	6.93	37.73	1	3	332	41	2	0	5																												
779	9	4.96	32.81	1	3	335	48.5	3	1	1																												
780	9	7.44	40.68	1	3	325	26	2	0	5																												
781	9	6.26	42.65	1	3	325	23	1	0	0	781	781	9	8.5	50	3	325	23	3	S,BT	781	193	9.9	50	3	3		193	9	11.0	56	1	2	325	23	2	0	SS,SB
782	9	5.91	43.31	1	3	327	22	2	1	1																												
783	9	5.51	44.29	1	3	331	21	2	1	1											*NOTE: Growth in this plot was phenomenal. Trees that were retagged																	
784	9	4.33	32.48	1	2	355	21.5	3	1	1											were done so becuase the old tags were completely buried under the bark.																	
785	9	3.86	34.12	1	2	355	19	3	1	1																												
786	9	5.59	41.99	1	3	355	8.5	3		1																												
1	9	2	22	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
2	9	1.6	16	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
3	9	1.2	16	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
4	9	2	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
5	9	2	44	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
6	9	2	30	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
7	9	2.4	18	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
8	9	3.5	46	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
9	9	1.6	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
10	9	3	39	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
11	9	1.6	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
12	9	3.1	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
13	9	3.5	30	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
14	9	2.8	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
15	9	3.5	33	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
16	9	2.4	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
17	9	3.1	33	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
18	9	3.3	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
19	9	2.8	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
20	9	3.9	28	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
21	9	3.7	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
22	9	3.5	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
23	9	3.9	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
24	9	2.8	28	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
25	9	3.5	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
26	9	3.3	30	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
27	9	3.9	31	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
28	9	2.4	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
29	9	2.8	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
30	9	4.7	39	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
31	9	2.4	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
32	9	5.1	39	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
33	9	3.3	30	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
34	9	3.9	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
35	9	3.5	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
36	9	4.3	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
37	9	3.9	21	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
38	9	3.3	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
39	9	3.5	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
40	9	4.3	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
41	9	3.7	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
42	9	2.8	21	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
43	9	4.3	33	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
44	9	4.3	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
45	9	4.3	30	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
46	9	3.7	25	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
47	9	3.7	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
48	9	2.8	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
49	9	3.7	37	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
50	9	3	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
51	9	3.7	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
52	9	3.9	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
53	9	4.8	48	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
54	9	4.7	36	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
55	9	4.7	36	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
56	9	4.5	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
57	9	3.5	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
58	9	4.7	33	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
59	9	4.1	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
60	9	3.9	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
61	9	3.9	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
62	9	4.1	36	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
63	9	3.9	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
64	9	3.9	33	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
65	9	3.7	30	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
66	9	2.6	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
67	9	2.6	25	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
68	9	3.3	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
69	9	3.9	33	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
70	9	4.5	38	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
71	9	3.5	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												

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774	9	4.96	36.42	1	3	330	51	2	1	1																												
775	9	6.22	39.37	1	3	327	46.5	2	0	0	775	775	9	7.2	47	2	327	46.5	2		775	775	8.4	47	3	2		775	9	8.8	51	1	1	327	46.5	3	0	SS
776	9	5.43	43.63	1	3	329	47	2	1	1																												
777	9	8.54	33.79	1	3	340	40	1	0	0	777	777	9	10.1	55	3	340	40	2	CB	777	194	10.5	55	3	2	CB	194	9	13.4	65	1	1	340	40	2	0	CB,SS
778	9	6.93	37.73	1	3	332	41	2	0	5																												
779	9	4.96	32.81	1	3	335	48.5	3	1	1																												
780	9	7.44	40.68	1	3	325	26	2	0	5																												
781	9	6.26	42.65	1	3	325	23	1	0	0	781	781	9	8.5	50	3	325	23	3	S,BT	781	193	9.9	50	3	3		193	9	11.0	56	1	2	325	23	2	0	SS,SB
782	9	5.91	43.31	1	3	327	22	2	1	1																												
783	9	5.51	44.29	1	3	331	21	2	1	1											*NOTE: Growth in this plot was phenomenal. Trees that were retagged																	
784	9	4.33	32.48	1	2	355	21.5	3	1	1											were done so becuase the old tags were completely buried under the bark.																	
785	9	3.86	34.12	1	2	355	19	3	1	1																												
786	9	5.59	41.99	1	3	355	8.5	3		1																												
1	9	2	22	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
2	9	1.6	16	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
3	9	1.2	16	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
4	9	2	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
5	9	2	44	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
6	9	2	30	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
7	9	2.4	18	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
8	9	3.5	46	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
9	9	1.6	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
10	9	3	39	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
11	9	1.6	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
12	9	3.1	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
13	9	3.5	30	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
14	9	2.8	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
15	9	3.5	33	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
16	9	2.4	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
17	9	3.1	33	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
18	9	3.3	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
19	9	2.8	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
20	9	3.9	28	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
21	9	3.7	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
22	9	3.5	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
23	9	3.9	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
24	9	2.8	28	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
25	9	3.5	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
26	9	3.3	30	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
27	9	3.9	31	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
28	9	2.4	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
29	9	2.8	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
30	9	4.7	39	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
31	9	2.4	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
32	9	5.1	39	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
33	9	3.3	30	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
34	9	3.9	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
35	9	3.5	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
36	9	4.3	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
37	9	3.9	21	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
38	9	3.3	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
39	9	3.5	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
40	9	4.3	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
41	9	3.7	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
42	9	2.8	21	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
43	9	4.3	33	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
44	9	4.3	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
45	9	4.3	30	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
46	9	3.7	25	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
47	9	3.7	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
48	9	2.8	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
49	9	3.7	37	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
50	9	3	20	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
51	9	3.7	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
52	9	3.9	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
53	9	4.8	48	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
54	9	4.7	36	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
55	9	4.7	36	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
56	9	4.5	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
57	9	3.5	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
58	9	4.7	33	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
59	9	4.1	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
60	9	3.9	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
61	9	3.9	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
62	9	4.1	36	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
63	9	3.9	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
64	9	3.9	33	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
65	9	3.7	30	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
66	9	2.6	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
67	9	2.6	25	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
68	9	3.3	26	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
69	9	3.9	33	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
70	9	4.5	38	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												
71	9	3.5	23	1						1	0	0	0	0		0	0	0	0		0		0	0	0	0												

COAST LIVE OAK THINNING STUDY - 1984 DATA												COAST LIVE OAK THINNING STUDY - 1989 DATA									COAST LIVE OAK THINNING STUDY - 1996 DATA									COAST LIVE OAK THINNING STUDY -2001 DATA										
TREE NUMB	SPEC CODE	DBH (IN)	HT (FT)	IND CODE	VIGOR CODE	AZM (DEG)	HORZ DIST	CROWN CLASS	OLD CUT CODE	FINAL CUT CODE	OLD NUMB	NEW TREE NUMB	SPEC CODE	DBH (IN)	New HT (FT)	VIGOR CODE	AZ (DEG)	HORZ DIST	CROWN CLASS	PLOT 3-2 NOTES & REMARKS	1989 NUMB	1996 NUMB	DBH (IN)	HT (FT)	VIGOR CODE	CROWN CLASS	PLOT 3-2 NOTES & REMARKS	2001 NUMB	SPEC CODE	DBH (IN)	HT (FT)	IND CODE	VIGOR CODE	AZM (DEG)	HORZ DIST	CROWN CLASS	CUT CODE	PLOT 3-2 NOTES & REMARKS
787	9	5.28	38.71	1	3	25	43.6	3	0	0	787	787			50	99				MISSING	787	787	6.5	50	3	3		787	9	6.5	50	1	3	25	43.6	3	0	
788	9	4.92	34.12	1	3	28	18	3	0	0	788	788	9	6	47	2	28	18	2		788	788	7.5	47	3	2		788	9	7.5	47	1	3	28	18	2	0	
789	9	5.24	34.45	1	3	50	19.5	3	0	0	789	789	9	6.3	44	2	50	19.5	2		789	789	7.2	44	2	2		789	9	7.2	44	1	2	50	19.5	2	0	
790	9	5.98	34.45	1	3	54	14.5	2	0	0	790	790	9	6.8	50	3	54	14.5	2		790	790	7.9	50	3	2	SS	790	9	7.9	50	1	3	54	14.5	2	0	SS
791	9	8.98	41.67	1	3	46	42.5	1	0	0	791	791	9	10.1	55	1	46	42.5	3		791	791	11.7	55	2	2		791	9	11.7	55	1	2	46	42.5	2	0	
792	9	4.84	42.65	1	3	63	23	3	0	0	792	792	9	5.1	50	3	63	23	2		792	792	5.7	50	3	3		792	9	5.7	50	1	3	63	23	3	0	
793	9	8.11	50.52	1	3	82	25	1	0	0	793	793	9	9.2	46	2	82	25	2		793	793	10.7	46	3	2	CB	793	9	10.7	46	1	3	82	25	2	0	CB
794	9	6.22	38.71	1	3	83	40	3	0	0	794	794	9	6.9	39	3	83	40	3		794	794	7.7	39	3	2		794	9	7.7	39	1	3	83	40	2	0	
795	9	6.69	43.96	1	3	88	43	2	0	0	795	795	9	8.1	43	3	88	43	2	S(MINOR)	795	795	9.0	43	3	2		795	9	9.0	43	1	3	88	43	2	0	
796	9	8.43	48.88	1	3	93	29.5	1	0	0	796	796	9	8.8	53	3	93	29.5	1		796	796	10.0	53	3	1	CB	796	9	10.0	53	1	3	93	29.5	1	0	CB
797	9	7.44	49.54	1	3	93	31.5	1	0	0	797	797	9	7.8	52	3	93	31.5	2	S,SEVERED B/	797	797	8.1	52	3	2	S,SEVERED BAS	797	9	8.1	52	1	3	93	31.5	2	0	S,SEVERED BASE
798	9	6.77	49.54	1	3	92	36	3	0	0	798	798	9	7.1	40	3	92	36	3	797 FELL ON	798	798	7.2	40	3	3	CB, BI	798	9	7.2	40	1	3	92	36	3	0	CB, BI
799	9	7.09	47.24	1	3	99	40.5	2	0	0	799	799	9	8.3	50	2	99	40.5	1		799	799	9.1	50	3	1	CB, SS	799	9	9.1	50	1	3	99	40.5	1	0	CB, SS
800	9	5.43	43.96	1	3	98	43.5	3	0	0	800	800	9	6.5	49	3	98	43.5	3		800	800	7.0	49	3	2	CB	800	9	7.0	49	1	3	98	43.5	2	0	CB
801	9	4.57	40.03	1	3	107	44	3	0	0	801	801	9	5.2	35	3	107	44	2		801	801	6.2	35	2	2		801	9	6.2	35	1	2	107	44	2	0	
802	9	3.82	31.17	1	3	128	33	4	0	1																												
803	9	8.27	52.82	1	3	128	49.5	2	0	0	803	803	9	9.4	54	3	128	49.5	1		803	803	10.8	54	3	1		803	9	10.8	54	1	3	128	49.5	1	0	
804	9	8.98	53.48	1	3	130	50.5	2	0	0	804	804	9	10.8	50	3	130	50.5	2		804	804	10.4	50	3	2	BI	804	9	10.4	50	1	3	130	50.5	2	0	BI
805	9	6.38	49.21	1	3	130	52.5	2	0	0	805	805	9	6.8	48	3	130	52.5	2		805	805	7.5	48	3	3		805	9	7.5	48	1	3	130	52.5	3	0	
806	9	5.43	46.59	1	3	131	43	3	0	0	806	806	9	5.8	38	3	133	43	4	BT	806	806			99		DEAD	806					99					DEAD
807	9	4.25	43.63	1	3	135	42	3	0	0	807	807	9	4.3	40	3	135	42	3		807	807	4.3	40	3	3		807	9	4.3	40	1	3	135	42	3	0	
808	9	3.98	44.95	1	3	139	53	3	0	6																												
809	9	4.41	47.24	1	3	136	63.5	3	0	1	809	809				99				MISSING	809	809			99		DEAD	809					99					DEAD
810	9	7.44	37.4	1	3	168	27	1	0	1	810	810				99				DEAD	810	810			99		DEAD	810					99					DEAD
811	9	6.02	41.01	1	3	169	28	2	0	0	811	811	9	6.8	32	3	169	28	4	S,BT	811	811			99		DEAD	811					99					DEAD
812	9	9.76	35.43	1	3	171	46.5	2	0	0	812	812	9	10.2	54	3	171	46.5	3	S	812	812	10.4	54	3	3		812	9	10.4	54	1	3	171	46.5	3	0	
813	9	11.5	46.92	1	2	169	47	4	0	0	813	813	9	12.1	45	3	169	47	2	S	813	813	12.2	45	3	2	BI	813	9	12.2	45	1	3	169	47	2	0	BI
814	9	3.74	29.53	1	3	181	11.5	4	0	6																												
815	9	5.24	33.46	1	3	194	11	3	0	0	815	815	9	5.7	32	3	194	11	3	S,BT	815	815	6.0	32	3	3	S,BT	815	9	6.0	32	1	3	194	11	3	0	S,BT
816	9	3.78	31.17	1	3	194	26.5	4	0	1																												
817	9	8.82	51.51	1	3	193	34	1	3	0	817	817	9	9.7	59	2	193	39	1		817	817	11.4	59	2	1		817	9	11.4	59	1	2	193	34	1	0	
818	9	10.39	48.56	1	3	192	39	1	3	0	818	818	9	12.4	57	2	192	39	1		818	818	12.5	57	2	1		818	9	12.5	57	1	2	192	39	1	0	
819	9	7.13	49.21	1	3	193	41	2	3	0	819	819	9	8	52	3	193	41	2	S	819	819	8.7	52	3	2		819	9	8.7	52	1	3	193	41	2	0	
820	9	7.83	55.77	1	3	192	45	1	3	0	820	820	9	8.8	37	3	192	41	4	BT	820	77	8.8	37	3	3	BT	77	9	8.8	37	1	3	192	45	3	0	BT
821	9	4.8	36.09	1	3	203	37.5	3	0	0	821	821	9	5.8	45	3	203	37.5	4	S	821	821	6.2	45	3	4		821	9	6.2	45	1	3	203	37.5	4	0	
822	9	5.43	36.09	1	3	209	37.5	3	0	0	822	822	9	6.1	49	3	209	37.5	3	S,LEANING O	822	822	6.9	49	3	3		822	9	6.9	49	1	3	209	37.5	3	0	
823	9	11.06	49.21	10	3	212	54	1	0	0	823	823	9	12.6	52	3	212	54	1	S,BT	823	823	13.1	52	3	1	BT, SS	823	9	13.1	52	10	3	212	54	1	0	BT, SS
824	9	7.87	43.96	1	3	218	53.5	2	0	0	824	824	9	9.8	50	3	218	53.5	1	S	824	824	9.8	50	3	1	CB	824	9	9.8	50	1	3	218	53.5	1	0	CB
825	9	4.37	33.79	1	3	220	60	3	0	6																												
826	9	3.27	32.81	1	3	223	61	3	0	6																												
827	9	3.07	32.15	1	3	228	33	4	0	1																												
828	9	6.34	31.17	1	3	230	32	3	0	0	828	828	9	6.9	40	3	230	32	3	S	828	828	7.6	40	3	3	SS	828	9	7.6	40	1	3	230	32	3	0	SS
829	9	5.39	32.48	1	3	232	33	3	0	0	829	829	9	5.8	39	3	232	33	3	S	829	829	6.4	39	2	3		829	9	6.4	39	1	2	232	33	3	0	
830	9	9.25	48.88	1	3	230	49.5	2	0	0	830	830	9	10.2	50	3	230	49.5	2	S	830	830	10.7	50	3	2		830	9	10.7	50	1	3	230	49.5	2	0	
831	9	6.5	42.32	1	3	232	49	2	0	0	831	831	9	6.6	56	3	232	49	2	S	831	831	6.8	56	3	4		831	9	6.8	56	1	3	232	49	4	0	
832	9	6.3	33	1	3	27	43	3	0	6																	Ck to see if 83	832	9	7.1	48	1		27	43		0	
833	9	3.11	33.79	1	3	245	27	3	0	0	833	833	9	4.5	46	3	245	27	2		833	833	6.5	46	3	2		833	9	6.5	46	1	3	245	27	2	0	
834	9	3.39	25.92	1	2	243	11	4	0	1																												
835	9	4.25	38.39	1	3	247	10.5	3	0	0	835	835	9	4.5	49	3	247	10.5	2		835	835	5.0	49	3	3		835	9	5.0	49	1	3	247	10.5	3	0	
836	9	3.07	31.17	1	3	247	41	3	0	6																												
837	9	2.28	29.53	1	2	246	43	4	0	1																												
838	9	4.29	35.1	1	3	255	36	3	0	0	838	838	9	4.5	54	3	255	36	2	S,BASAL WOI	838	838	5.7	54	3	2	BI	838	9	5.7	54	1	3	255	36	2	0	BI
839	9	4.02	31.17	1	3	256	32	3	0	6																												
840	9	4.8	35.1	1	3	264	28.5	3	0	0	840	840	9	5.8	45	3	264	28.5	2	S	840	840	7.3	45	3	1		840	9	7.3	45	1	3	264	28.5	1	0	
841	9	6.34	48.23	1	3	264	35.5	1	0	0	841	841	9	7.1	57	2	264	35.5	1		841	841	8.1	57	2	1		841	9	8.1	57	1	2	264	35.5	1	0	
842	9	3.7	36.74	1	3	266	37	3	0	6																												
843	9	8.23	49.21	1	3	271	44	1	0	0	843	843	9	9.3	50	3	271	44	2	S,CB,BASAL I	843	843	9.3	50	3	2	CB, BI, SS	843	9	9.3	50	1	3	271	44	2	0	CB, BI, SS
844	9	7.6	42.65	1	3	280	45	2	3	0	844	844	9	7.1	8	3	281	45	4	BT	844	844			99		DEAD	844					99					DEAD
845	9	7.32	37.4	1	3	283	42	1	3	0	845	845	9	7.9	47	3	283	45	1		845	845	8.1	47	3	2		845	9	8.1	47	1	3	283	42	2	0	
846	9	6.54	34.78	1	3	287	45	2	3	0	846	846	9	7	38	3	285	45	4	S,BT	846	846	7.3	38	3	3	BT, SS	846	9	7.3	38	1	3	287	45	3	0	BT, SS
847	9	7.2	41.99	1	3	300	9	2	0	0	847	847	9	7.9	46	2	300	10.5	2		847	847	8.7	46	2	3		847	9	8.7	46	1	2	300	9	3	0	
848	9	6.89	50.52	1	3	304	10	2	0	0	848	848	9	7.5	46	2	304	10	2		848	848	8.2	46	2	2		848	9	8.2	46	1	2	304	10	2	0	
849	9	4.8	45.6	1	3	304	12.5	3	0	0	849	849	9	5.3	45	2	304	12.5	2		849	849	6.0	45	3	3		849	9	6.0	45	1	3	304	12.5	3	0	
850	9	4.96	46.26	1	3	308	10.5	2	0	0	850	850	9	5.3	45	2	305	10.5	2		850	850	5.7	45	3	3		850	9	5.7	45	1	3	308	10.5	3	0	
851	9	6.65	42.65	1	3	304	15	1	0	0	851	851	9	7.7	58	1	304	15	1		851	851	9.1	58	2	1		851	9	9.1	58	1	2	304	15	1	0	
852	9	6.02	47.24	1	3	303	16.5	3	0	0	852	852	9	6.3	55	2	303	16.5	3	S	852	852	6.5	55	2	3		852	9	6.5	55	1	2	303	16.5	3	0	
853	9	4.49	32.81	1	3	295	42.5	3	0	0	853	853	9	4.7	48	2	295	42.5	2		853	853	5.3	48	2	1		853	9	5.3	48	1	2	295	42.5	1	0	
854	9	3.54	31.82	1	2	304	39.5	4	0	1																												
855	9	5.43	43.31	1	3	308	41	2	0	0	855	855	9	5.9	57	2	308	41	1		855	855	7.4	57	2	2		855	9	7.4	57	1	2	308	41	2	0	
856	9	6.54	45.28	1	3	308	38.5	1	0	0	856	856	9	7.4	55	2	308	38.5	2		856	856	8.3	55	2	2		856	9	8.3	55	1	2	308	38.5	2	0	
857	9	4.53	38.06	1	3	314	34	3	0	0	857	857	9	4.8	50	3	314	34	2	S,844 FELL C	857	857	5.3	50	2	2		857	9	5.3	50	1	2	314	34	2	0	
858	9	4.09	40.35	1	3	316	34	3	0	0	858	858	9	4.4	55	3	316	34	2		858	858	4.9	55	2	2		858	9	4.9	55	1	2	316	34	2	0	
859	9	5.67	35.43	1	3	315	64.5	2	3	6																												
860	9	6.57	35.43	1	3	316	61	2	3	0	860	860	9	10.2	15	3	316	64.5	4	BT	860	860			99		DEAD	860					99					DEAD
861	9	8.11	52.49	1	3	317	48	2	3	0	861	861	9	9.8	55	2	317	48	2	S,CB,BASAL \	861	861	10.5	55	3	1	CB, BI, SS	861	9	10.5	55	1	3	317	48	1	0	CB, BI, SS
862	9	5.83	46.59	1	3	319	48	2	3	0	862	862	9	6	51	3	319	48	2	S,BASAL WOI	862	862	6.3	51	3	2	BI, SS	862	9	6.3	51	1	3	319	48	2	0	BI, SS
863	9	8.27	44.29	1	3	327	33	1	0	0	863	863	9	9.4	55	2	327	33	1		863	863	10.9	55	1	1		863	9	10.9	55	1	1	327	33	1	0	
864	9	6.5	46.59	1	3	347	30	1	0	0	864	864	9	7.3	61	3	347	30	1		864	864	8.7	61	2	1		864	9	8.7	61	1	2	347	30	1	0	
865	9	6.14	47.24	1	3	352	30	2	0	0	865	865	9	7	56	3	352	30	2		865	865	8.2	56	2	2		865	9	8.2	56	1	2	352	30	2	0	
866	9	3.54	35.76	1	2	354	45.5	4	0	1																												
867	9	8.31	46.26	1	3	6	43	1	0	0	867	867	9	9.4	54	3	6	46.5	2	S	867	867	9.8	54	3	2		867	9	9.8	54	1	3	6	43	2	0	
868	9	3.7	31	1	3	243	28	3	0	6																												
1	9	5.1	39	1																																		

Appendix C. Site 03-2(100).L2001

2	9	4	36	1
3	9	2.9	23	1
4	9	2.4	33	1
5	9	3.7	33	1
6	9	3.1	31	1
7	9	2.4	30	1
8	9	2.6	23	1
9	9	2.7	26	1
10	9	3.3	31	1
11	9	1.8	26	1
12	9	2.9	31	1
13	9	3	33	1
14	9	2.4	31	1
15	9	2.4	30	1
16	9	3.5	33	1
17	9	3.4	26	1
18	9	2.6	23	1
19	9	2.8	34	1
20	9	3.3	38	1
21	9	2.4	26	1
22	9	2.2	31	1
23	9	2.7	30	1
24	9	2.4	26	1
25	9	3	31	1
26	9	1.8	23	1
27	9	1.9	26	1
28	9	2.7	26	1
29	9	2.7	28	1
30	9	2.6	26	1
31	9	1.5	23	1
32	9	1.8	23	1
33	9	1.8	23	1
34	9	1.8	26	1
35	9	1.4	23	1
36	9	2.1	20	1
37	9	3.1	26	1
38	9	2.1	23	1
39	9	6.4	33	1
40	9	2.3	16	1
41	9	2.2	23	1
42	9	2	13	1
43	9	4.1	31	1
44	9	4.2	30	1
45	9	2.4	26	1
46	9	6.3	41	1
47	9	5.7	33	1
48	9	3.3	25	1
49	9	1.6	22	1
50	9	3.9	31	1
51	9	3.1	31	1
52	9	3.3	26	1
53	9	2	26	1
54	9	2.4	26	1
55	9	2.7	26	1
56	9	4	36	1
57	9	1.9	26	1
58	9	4.5	39	1
59	9	2.4	33	1
60	9	4.8	43	1
61	9	2.2	28	1
62	9	3.3	30	1
63	9	1.7	23	1

COAST LIVE OAK THINNING STUDY - 1984 DATA											COAST LIVE OAK THINNING STUDY - 1989 DATA										COAST LIVE OAK THINNING STUDY - 1996 DATA								COAST LIVE OAK THINNING STUDY - 2001 DATA										
								OLD	FINAL			NEW			New				PLOT 3-3								PLOT 3-3										PLOT 3-3
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT	OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	2001	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE	NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
868	9	4.84	39.7	1	3	13	13.5	2	0	0	868	868	9	5.3	40	3	13	13.5	3	S,TREE LEAN	868	868	5.5	40	3	3											
869	9	3.94	33.79	1	2	40	29	2	0	1	869					99				DEAD					99		DEAD						99					DEAD
870	9	5.35	47.57	1	3	47	59.5	2	0	0	870	870	9	6.2	40	3	47	59.5	1		870	870	6.8	40	3	1		870	9	8.4	47	1	2	47	59.5	2	0	SS
871	9	5.94	41.99	1	3	56	28	2	0	0	871	871	9	5.8	57	3	56	28	2	S	871	871			99		DEAD	871					99					DEAD
872	9	7.56	45.6	1	3	62	33	2	1	1	872	872	9	7.6	55	3	62	35	3	S	872	872			99		DEAD	872					99					DEAD
873	9	8.74	48.56	1	3	65	35	1	0	0	873	873	9	9.5	41	3	65	35	3	BT	873	873			99		DEAD	873					99					DEAD
874	9	9.17	39.7	1	3	60	36	2	1	1	874	874	9	10	63	2	63	36	2	S	874	874			99		DEAD	874					99					DEAD
875	9	6.89	42.32	1	3	70	36.5	2	0	0	875	875	9	7.7	20	3	70	36.5	2	CB	875	875	8.0	20	3	3	CB, BT, BI	875	9	8.0	20	1	3	70	36.5	4	0	BT,SS
876	9	5.24	30.18	1	3	64	38	3	0	4	876	876	9	5.3	25	2	64	38	3		876	876	5.7	25	3	4	CB, BT, BI	876					99					DEAD
877	9	11.5	62.34	1	3	91	44	1	3	0	877	877	9	12.3	50	2	91	44	1	S,CB	877	877	12.7	50	2	1		877	9	13.6	53	1	2	91	44	2	0	CB
878	9	9.29	59.05	1	3	95	44	1	2	1	878	878	9	9.6	47	3	95	44	3	S	878	878	9.8	47	3	3		878	9	9.8	47	1	3	95	44	2	0	BT,CB
879	9	10.71	46.26	1	3	97	45	2	2	1	879	879	9	11	45	2	97	45	1	CB	879	879	11.5	45	2	1		879	9	11.8	45	1	2	97	45	2	0	CB
880	9	11.06	48.23	1	3	93	45	2	2	1	880	880	9	11.4	43	2	93	45	2	S	880	880	12.3	43	2	2		880	9	12.6	45	1	2	93	45	2	0	SS
881	9	10.31	62.34	1	3	99	45	3	3	4	881	881	9	10.9	45	3	99	45	2	S	881	881	11.2	45	3	1		881	9	11.3	48	1	2	99	45	2	0	SS
882	9	9.17	42.98	1	3	101	45	2	3	0	882	882	9	9.9	50	2	101	45	1		882	882	11.1	50	2	1	CB	882	9	11.7	51	1	2	101	45	2	0	CB,SS
883	9	9.69	56.43	1	3	117	28.5	1	0	0	883	883	9	10.9	35	2	117	28.5	1	CB	883	883	11.0	35	2	2	BT	883	9	11.0	35	1	2	117	28.5	2	0	BT,SS
884	9	8.54	54.79	1	3	118	30	2	0	0	884	884	9	9.8	45	3	118	30	2	S,CB	884	884	11.1	45	2	2	BT	884	9	11.1	45	1	2	118	30	2	0	BT,SS
885	9	7.09	54.46	1	3	115	49.5	2	0	0	885	885	9	7.4	58	3	115	49.5	2		885	885	7.5	58	3	2		885	9	7.5	58	1	2	115	49.5	2	0	
886	9	8.39	61.35	1	3	120	48.5	2	0	0	886	886	9	8.9	52	2	120	48.5	1		886	886	9.7	52	3	1		886	9	10.6	58	1	1	120	48.5	1	0	CB
887	9	6.46	52.82	1	3	118	49.5	3	1	1	887					99				DEAD					99		DEAD						99					DEAD
888	9	5.63	39.37	1	3	116	49.5	3	1	1	888	888	9	5.7	60	3	116	49.5	3		888	888			99		DEAD	888					99					DEAD
889	9	6.93	57.74	1	3	118	52	2	0	0	889	889	9	8.1	52	3	118	52	2	S,CB	889	889	9.3	52	2	2		889	9	10.1	58	1	2	118	52	2	0	
890	9	5.67	47.57	1	3	128	5.5	2	0	0	890	890	9	6	12	3	128	5.5	2	S	890	890	6.2	12	3	4	BT	890					99					DEAD
891	9	5.55	56.1	1	3	129	40.5	2	0	0	891	891	9	5.9	45	3	129	39.5	2	S	891	891	7.3	45	3	2	CB	891	9	7.4	47	1	2	129	40.5	2	0	CB
892	9	6.69	49.54	1	3	134	58	2	0	0	892	892	9	7.4	48	2	134	60	2		892	892	8.3	48	3	2	CB	892	9	9.1	51	1	2	134	58	2	0	CB
893	9	6.69	56.76	1	3	138	52	1	0	0	893	893	9	7.4	55	2	138	52	1		893	893	8.6	55	2	1		893	9	9.5	59	1	2	138	52	2	0	CB
894	9	6.46	45.6	1	3	139	49	2	1	1	894	894	9	6.6	43	2	139	49	1	TREE LEANIN	894	894	6.8	43	3	3	DT	894					99					DEAD
895	9	7.05	50.85	1	3	138	41	2	0	0	895	895	9	7.3	50	2	138	41	2		895	895	8.6	50	3	2		895	9	9.5	54	1	2	138	41	2	0	
896	9	5.87	45.93	1	3	143	20	2	0	0	896	896	9	6.2	45	2	143	18	1	TREE LEANIN	896	896	6.4	45	3	1		896	9	8.1	55	1	2	143	20	2	0	SS
897	9	5.35	42.98	1	3	145	17.5	2	1	1	897				30	99				DEAD		897	6.2	30	3	2		897	9	5.9	39	1	3	145	17.5	4	0	CB
898	9	5.79	38.71	1	3	155	48.5	2	0	0	898	898	9	6.2	45	2	155	50.5	2	S,900 LEANIN	898	898	6.4	45	3	3	S,900 LEANING	898	9	6.4	45	1	3	155	48.5	4	0	SS,900 LEANING ON IT
899	9	5.12	42.98	1	3	153	51.5	2	1	1	899	899	9	5.2	49	2	153	51.5	2	900 LEANING	899	899	5.5	49	3	3	900 LEANING C	899	9	5.5	49	1	3	153	51.5	4	0	900 LEANING ON IT
900	9	8.43	53.15	1	3	161	46	1	0	0	900	900	9	9.7	48	2	161	48	2	CB	900	900	10.0	48	3	2	CB	900	9	10.3	48	1	2	161	46	2	0	CB
901	9	10.75	50.85	1	3	186	44	1	2	1	901	901	9	10.9	60	2	186	46	2		901	901			99		DEAD	901					99					DEAD
902	9	10.04	49.21	1	2	188	42	2	2	1	902	902	9	10.3	65	2	188	45	1		902	902			99		DEAD	902					99					DEAD
903	9	10.35	45.93	1	3	189	45	2	2	1	903	903	9	10.8	57	2	189	47	2		903	903			99		DEAD	903					99					DEAD
904	9	9.65	43.63	1	3	190	43	3	2	1	904	904	9	9.8	60	2	190	46	2	TREE LEANIN	904	904			99		DEAD	904					99					DEAD
905	9	9.8	41.01	1	3	210	10.5	2	0	0	905	905	9	9.9	51	3	210	12.5	2	S	905	905	10.1	51	3	3	BT	905					99					DEAD
906	9	7.13	40.35	1	3	201	42.4	1	0	0	906	906	9	7.7	38	3	201	42.4	4	BT	906	906	8.0	38	3	3	BT, CB	906	9	8.2	38	1	3	201	42.4	4	0	BT,CB,SS
907	9	7.36	42.98	1	3	214	41.6	2	0	0	907	907	9	8.1	12	3	214	41.6	4	BROKEN IN H	907	907			99		DEAD	907					99					DEAD
908	9	6.61	41.99	1	3	211	52	1	1	1	908	908	9	6.7	59	3	211	53.5	2	FELL OVER, B	908	908			99		DEAD	908					99					DEAD
909	9	10.08	38.06	1	3	213	55	1	0	0	909					99				DEAD					99		DEAD						99					DEAD
910	9	6.14	45.28	1	3	215	56.29	2	0	0	910				18	99				DEAD		910	6.6	18	3	3		910					99					DEAD
911	9	7.09	44.29	1	3	218	56.3	2	0	0	911	911	9	7.3	45	3	218	56.3	1		911	911	8.8	45	3	1		911	9	8.8	45	1	2	218	56.3	2	0	
912	9	5.75	33.46	1	3	216	41.6	3	0	4	912	912	9	5.9	46	3	216	41.6	4	S,BT,909 FEL	912	912	6.7	46	3	2	BT	912	9	7.1	46	1	3	216	41.6	4	0	BT,CB,SS
913	9	4.8	42.65	1	3	220	27.7	2	1	1	913	913	9	5.4	56	3	220	27.7	3	TWO TREES F	913	913			99		DEAD	913	9	6.0	6.5	1	3	220	27.7	4	0	BT,SS,NOT DEAD
914	9	5.63	37.73	1	3	227	26.8	2	0	0	914	914	9	6.2	50	3	227	26.8	3	BT	914	914			99		DEAD	914					99					DEAD
915	9	5.55	37.73	1	3	229	26.8	2	0	0	915	915	9	6.1	42	3	229	26.8	1	S,909 FELL O	915	915	6.9	42	3	1	BT	915	9	7.1	42	1	3	229	26.8	4	0	SS
916	9	5.35	34.78	1	3	231	26.8	2	1	1	916	916	9	5.7	43	3	231	26.8	2	S,CB	916	916	6.3	43	3	2		916	9	6.4	43	1	3	231	26.8	4	0	SS,LEANING
917	9	5.24	32.81	1	3	236	26.8	3	1	1	917	917	9	5.4	43	2	236	26.8	2	S	917	917	5.5	43	3	2	DT	917	9	5.5	43	1	3	236	26.8	4	0	DT,SS
918	9	7.01	47.57	1	3	232	17	1	0	0	918	918	9	7.5	51	2	235	17	2	CB	918	918	8.7	51	3	2	CB	918	9	8.7	51	1	3	232	17	4	0	CB,SS
919	9	5.79	46.26	1	3	237	18	1	1	1	919	919	9	6.5	35	3	237	18	2	LEANING ON	919	919	6.7	35	3	3	BT	919	9	6.7	35	1	3	237	18	4	0	BT,SS
920	9	7.72	45.28	1	3	239	18	2	0	0	920	920	9	8.1	50	3	239	18	2	S	920	920	8.5	50	3	1		920	9	9.3	53	1	2	239	18	2	0	SS,BI
921	9	5.35	43.63	1	3	244	48.5	2	1	1	921	921	9	5.6	42	2	244	48.5	2		921	921	6.5	42	3	2		921	9	7.0	45	1	2	244	48.5	2	0	CB
922	9	7.32	49.21	1	3	246	48.5	2	0	0	922	922	9	8.1	62	2	246	48.5	2		922	922	9.8	62	3	1		922	9	10.9	68	1	2	246	48.5	2	0	BT,SS
923	9	6.34	39.7	1	3	257	20	1	1	1	923	923	9	7	45	3	257	20	2		923	923	7.4	45	3	2		923	9	8.3	51	1	3	257	20	4	0	CB, LEANING
924	9	7.8	41.67	1	3	259	19	1	0	0	924	924	9	8.5	35	2	259	19	1	S	924	924	9.2	35	3	2	BT	924					99					DEAD
925	9	6.89	47.9	1	3	294	19	2	0	0	925	925	9	7.7	52	3	294	19	2	924 LEANING	925	925	7.8	52	3	2		925	9	7.9	52	1	3	294	19	4	0	CB, LEANING
926	9	6.89	43.31	1	3	298	19	2	1	1	926	926	9	7.4	53	2	298	19	2		926	926	8.3	53	2	2	CB	926	9	8.9	53	1	2	298	19	2	0	CB
927	9	7.83	46.59	1	3	303	47.5	2	0	0	927	927	9	8.2	45	2	303	47.5	1		927	927	8.6	45	3	2	CB	927	9	9.3	48	1	2	303	47.5	2	0	CB
928	9	11.34	49.54	10	3	305	49.5	2	2	1	928	928	9	11	53	1	305	49.5	1	CB	928	928	11.0	53	3	2	CB, Trees grew t	928	9	11.0	53	10	2	305	49.5	2	0	
929	9	13.03	48.88	1	3	307	49.5	1	3	0	929	929	9	13.8	56	2	307	49.5	1	CB	929	929	14.8	56	3	1	CB	929	9	15.7	61	1	2	307	49.5	1	0	
930	9	8.23	45.93	1	3	310	13.5	2	1	1	930	930	9	8.7	18	3	310	13.5	4	BT,BASAL W	930	930			99		DEAD	930					99					DEAD
931	9	10.79	41.34	1	3	312	12.5	1	0	0	931	931	9	11.4	48	2	312	12.5	2		931	931	11.9	48	3	1		931	9	13.7	53	1	3	312	12.5	1	0	SS,LEANING
932	9	7.44	58.73	1	3	331	29.5	1	0	0	932	932	9	8.1	58	3	331	29.5	2		932	932	9.7	58	2	2		932	9	11.0	61	1	1	331	29.5	2	0	
933	9	6.46	53.48	1	3	330	31	2	1	1	933	933	9	7.2	64	3	330	31	1		933	933	8.3	64	2	1		933	9	9.2	67	1	1	330	31	1	0	
934	9	6.06	50.2	1	3	329	39	2	0	0	934	934	9	6.2	45	3	329	39	2		934	934	6.3	45	3	2	DT	934	9	6.3	39	1	3	329	39	4	0	DT,SS
935	9	4.61	46.92	1	3	336	41.5	2	0	0	935	935	9	5	53	3	336	41.5	2		935	935	5.5	53	2	2		935	9	5.8	53	1	2	336	41.5	2	0	SS
936	9	6.57	38.39	1	3	338	43.5	3	0	4	936	936	9	7	53	2	338	43.5	2	SNOW	936	936	7.7	53	2	2		936	9	7.7	53	1	2	338	43.5	4	0	SOD****
937	9	5.2	48.23	1	3	338	41.5	2	1	1	937	937	9	5.2	45	3	338	41.5	2		937	937	5.8	45	3	3		937	9	6.1	48	1	3	338	41.5	4	0	
938	9	5.55	50.52	1	3	340	38	2	0	0	938	938	9	5.9	58	3	340	41	2		938	938	6.4	58	3	2		938	9	6.5	58	1	2	340	38	2	0	CB
939	9	6.57	42.32	1	3	348	47	2	0	0	939	939	9	7.1	57	3	348	47	2	BT,TREE LEA	939	939	7.8	57	3	2	BT, CB, BI	939	9	8.0	57	1	3	348	47	2	0	BT, CB, BI
940	9	4.25	35.1	1	3	354	39	3	1	1	940	940	9	4.2	35	3	354	37	2	S	940	940	4.4	35	3	2		940	9	4.7	33	1	3	354	39	4	0	DT
941	9	5.51	42.98	1	3	355	33.5	3	0	4	941	941	9	6	30	3	355	33.5	4	BT	941	941			99		DEAD	941					99					DEAD
942	9	6.38	43.63	1	3	357	33.5	2	1	1	942					99				DEAD					99		DEAD						99					DEAD
943	9	7.2	40.68	1	3	358	37	2	0	0	943	943	9	8.3	56	3	358	37	2	S	943	943	9.3	56	3	1		943	9	10.0	58	1	2	358	37	2	0	
1	9	1.74	26			1	36					17	9	1.9	10	3	0	36	4		17	17			99		DEAD	17	9				99					DEAD
2	9	2.40	34			1	35					18	9	2.6	10	3	0	36	4		18	18			99		DEAD	18					99					DEAD
3	9	1.64	30			16	19					19	9	1.8	16	3	16	19	4		19	19			99		DEAD	19					99					DEAD
4	9	3.16	36			38	31.5					20	9	3.4	22	3	38	31.5	4		20	20			99		DEAD	20					99					DEAD
5	9	3.82	30			65	7.5					21	9	4.1	22	3	65	7.5	4		21	21			99		DEAD	21					99					DEAD
6	9	4.20	28			73	7.5					22	9	4.5	32	3	73	7.5	4		22	22	5.6	32	3	3	CB	22	9	6.0	35	0	3	73	7.5	4	0	CB
7	9	2.59	38			85	44					23	9	2.8	5	3	88	44	4		23	23			99		DEAD	23					99					DEAD
8	9	14.16	31			88	43					24	9	15	15	3	88	45	4		24	24	4.2	15	3	4		24	9	4.2	15	0	3	88	43	4	0	SS
9	9	3.44	23			120	26					25	9	3.7	10	3	120	26	3		25	25	3.7	10	3	4	DT	25					99					DEAD
10	9	5.53	26			116	27					26	9	5.9	40	3	116	27	2		26	26	6.4	40	2	3		26	9	6.5	42	0	2	116	27	2	0	SS
11	9	1.83	33			124	26					27	9	2	12	3	124	26	4		27	27	2.1	12	3	4	DT	27	9	2.2	12	0	3	124	26	4	0	DT,SS

Appendix C. Site 03-3(control).L2001

12	9	4.30	31	108	48.5
13	9	4.49	26	130	39.5
14	9	4.01	36	133	53.5
15	9	2.69	31	137	60
16	9	3.63	38	150	15
17	9	4.30	39	149	16
18	9	4.01	30	159	48
19	9	3.92	26	158	48
20	9	2.12	26	159	49
21	9	3.06	28	157	48
22	9	3.25	39	184	45
23	9	3.82	23	205	43
24	9	4.20	23	206	43
25	9	2.78	30	207	46
26	9	4.01	16	210	44
27	9	4.30	39	221	55
28	9	2.59	41	212	13.5
29	9	3.16	39	212	14
30	9	2.59	33	213	13
31	9	3.82	25	243	49.5
32	9	3.25	41	236	32
33	9	3.35	26	236	30
34	9	5.15	33	245	18
35	9	3.35	34	245	16.5
36	9	1.64	30	233	14
37	9	1.74	20	289	32
38	9	2.02	33	289	34
39	9	4.68	23	290	43
40	9	2.97	23	299	20.5
41	9	2.97	23	297	51
42	9	2.12	36	313	42
43	9	2.97	27	325	31
44	9	4.68	44	336	45
45	9	3.92	48	340	45
46	9	3.06	23	9	37
199	9			3	2
168	9			4	4
169	9			5	6

28	9	4.6	25	3	108	48.5	3
29	9	4.8	35	3	130	39.5	3
30	9	4.3	32	3	133	53.5	3
31	9	2.9	25	3	137	60	4
32	9	3.9	35	3	150	15	2
33	9	4.6	32	3	149	16	2
34	9	4.3	35	3	159	48	3
35	9	4.2	23	3	158	48	3
36	9	2.3	14	3	159	52	4
37	9	3.3	28	3	159	53	3
38	9	3.5	15	3	187	47	4
39	9	4.1	20	3	205	43	4
40	9	4.5	22	3	206	43	3
41	9	3	24	3	207	44	4
42	9	4.3	5	3	208	44	4
43	9	4.6	27	3	221	55	3
44	9	2.8	20	3	212	13.5	4
46	9	3.4	28	3	212	14	4
47	9	2.8	21	3	213	13	4
48	9	4.1	32	3	243	49.5	2
49	9	3.5	30	3	236	32	3
50	9	3.6	25	3	236	30	4
51	9	5.5	31	3	245	18	3
52	9	3.6	30	3	245	16.5	4
53	9	1.8	13	3	233	14	4
54	9	1.9	18	3	289	32	4
55	9	2.2	20	3	289	34	4
56	9	5	32	3	290	43	3
57	9	3.2	30	3	296	20.5	4
58	9	3.2	28	3	297	55.5	3
59	9	2.3	20	3	313	42	4
60	9	3.2	32	3	325	31	3
61	9	5	33	2	336	45	2
62	9	4.2	35	3	340	45	3
63	9	3.3	35	3	9	37	4
			20				
			38				
			34				

28	28			99		DEAD
29	29	5.0	35	3	3	
30	30	4.3	32	3	4	CB, BI
31	31			99		DEAD
32	32	5.4	35	2	1	
33	33	5.0	32	3	2	
34	34	4.7	35	3	3	
35	35	5.2	23	3	3	
36	36			99		DEAD
37	37	3.4	28	3	3	
38	38			99		DEAD
39	39			99		DEAD
40	40			99		DEAD
41	41	3.1	24	3	4	
42	42			99		DEAD
43	43	4.6	27	3	4	
44	44			99		DEAD
46	46			99		DEAD
47	47	2.9	21	3	4	
48	48	4.4	32	3	2	
49	49	3.8	30	3	3	
50	50			99		DEAD
51	51	5.5	31	3	3	DT
52	52			99		DEAD
53	53			99		DEAD
54	54	2.0	18	3	4	
55	55	2.2	20	3	4	
56	56	5.2	32	3	4	CB
57	57			99		DEAD
58	58	3.5	28	3	4	
59	59			99		DEAD
60	60	3.2	32	3	4	
61	61	5.8	33	2	2	
62	62			99		DEAD
63	63			99		DEAD
	199	5.2	20	3	3	Get AZ and HD
	168	6.6	38	2	2	Get AZ and HD
	169	6	34	3	4	Get AZ and HD

28					99					DEAD
29	9	5.0	35	0	3	130	39.5	4	0	SOD****
30	9	4.3	35	0	3	133	53.5	4	0	CB, BI,SS
31					99					DEAD
32	9	6.3	40	0	2	150	15	2	0	SS
33	9	5.6	35	0	3	149	16	4	0	SS
34	9	4.8	35	0	3	159	48	4	0	SS
35	9	5.5	23	0	3	158	48	4	0	SS
36					99					DEAD
37	9	3.5	28	0	3	157	48	4	0	
38					99					DEAD
39					99					DEAD
40					99					DEAD
41	9	3.4	24	0	3	207	46	4	0	SS
42					99					DEAD
43	9	6.6	27	0	3	221	55	4	0	BT
44					99					DEAD
46					99					DEAD
47	9	2.9	21	0	3	213	13	4	0	SS
48	9	4.9	33	0	3	243	49.5	4	0	SS
49	9	3.8	30	0	3	236	32	4	0	SS
50					99					DEAD
51	9	5.5	31	0	3	245	18	4	0	DT,BI,SS
52					99					DEAD
53					99					DEAD
54	9	2.0	18	0	3	289	32	4	0	SS,ALMOST DEAD
55					99					DEAD
56	9	5.2	33	0	3	290	43	4	0	CB
57					99					DEAD
58	9	3.5	28	0	3	297	51	4	0	
59					99					DEAD
60	9	6.4	58	0	3	325	31	2	0	SS
61	9	6.1	35	0	2	336	45	2	0	
62					99					DEAD
63					99					DEAD
199					99					DEAD
168					99					DEAD
169	9	6.4	36	0	2	5	6	2	0	

	COAST LIVE OAK THINNING STUDY - 1984 DATA											COAST LIVE OAK THINNING STUDY - 1989 DATA										COAST LIVE OAK THINNING STUDY - 1996 DATA									COAST LIVE OAK THINNING STUDY - 2001 DATA									
TREE NUMB	SPEC CODE	DBH (IN)	HT (FT)	IND CODE	VIGOR CODE	AZM (DEG)	HORZ DIST	CROWN CLASS	OLD CUT CODE	FINAL CUT CODE		OLD NUMB	NEW TREE NUMB	SPEC CODE	DBH (IN)	NEW HT (FT)	VIGOR CODE	AZ (DEG)	HORZ DIST	CROWN CLASS	PLOT 4-1 NOTES & REMARKS		1989 NUMB	1996 NUMB	DBH (IN)	HT (FT)	VIGOR CODE	CROWN CLASS	NOTES & REMARKS		2001 NUMB	SPEC CODE	DBH (IN)	HT (FT)	IND CODE	VIGOR CODE	AZM (DEG)	HORZ DIST	CROWN CLASS	CUT CODE	NOTES & REMARKS
1	1	6.57	38.39	1	2	43	41	3	0	1																														
2	9	10.28	41.34	1	2	45	47.5	3	0	4																														
3	9	10.31	38.71	1	3	50	37	3	0	4																														
4	9	10.94	58.73	1	3	60	46	2	0	0		4	7	9	11.6	52	2	60	46	2	CB		7	42	12.5	52	2	2	CB		42	9	13.1	52	1	2	60	46	1	0	CB,SS,SB
5	1	7.83	46.59	1	3	65	46.5	3	0	1																														
6	9	17.2	70.54	10	3	68	30.5	1	0	0		6	8	9	18.5	62	2	68	30.5	1	CB		8	8	19.4	62	2	1			8	9	20.5	66	10	2	68	30.5	1	0	SS,CB
7	9	9.57	45.93	1	3	78	31	3	0	4																														
8	9	10.71	49.21	1	2	98	20	3	0	4																														
9	9	11.42	46.59	1	2	105	25	2	0	0		9	9	9	12	53	3	105	25	2	SP		9	9	13.9	53	3	2			9	9	14.3	53	1	2	105	25	2	0	CB,SS
10	1	13.66	40.35	10	2	119	17.5	2	0	1																														
11	9	11.38	38.71	1	2	119	33	3	0	4																														
12	9	18.54	43.31	10	2	147	42	2	3	0		12	10	9	19.1	47	2	150	42	1	SP		10	10	19.9	47	3	1			10	9	20.2	56	10	2	147	42	1	0	SS,TRUNK WOUND
13	9	14.17	37.4	1	2	152	42	2	3	5																														
14	9	10.75	47.57	1	3	160	18	2	0	0		14	11	9	11.7	59	2	160	18	2			11	11	13.2	59	2	2			11	9	13.6	60	1	2	160	18	2	0	SS,CB
15	1	10.51	45.93	1	3	177	38.5	2	0	1																														
16	9	14.06	47.9	10	3	181	20.5	2	0	0		16	12	9	14.5	58	2	181	20.5	2	SP		12	12	14.9	58	2	2			12	9	15.5	58	10	2	181	20.5	2	0	SS,CB
17	9	8.86	30.51	1	3	184	36	2	0	6																														
18	1	5.75	28.21	1	3	186	34	3	0	1																														
19	9	7.01	37.73	1	3	183	23.5	3	0	4																														
20	9	9.41	51.51	1	3	185	29.5	2	0	0		20	13	9	10.1	51	2	185	29.5	2	SP		13	13	10.8	51	3	2			13	9	11.5	54	1	2	185	29.5	3	0	SS,CB
21	9	15.31	44.95	1	3	218	35	2	0	0		21	14	9	15.7	62	3	218	35	2			14	14	16.4	62	3	2	CB		14	9	17.1	65	1	2	218	35	2	0	SS,CB
22	1	7.83	42.65	1	3	224	33.5	3	0	1																														
23	9	10.83	44.95	1	3	217	47.5	2	0	0		23	15	9	11.4	62	3	217	47.5	2			15	15	12.1	62	3	2			15	9	12.9	64	1	2	217	47.5	2	0	SS
24	9	11.77	33.14	1	3	223	48	2	0	0		24	16	9	12.3	46	3	223	48	3	SP		16	16	12.5	46	3	2			16	9	12.8	50	1	2	223	48	3	0	SS
25	9	7.24	26.9	1	2	226	47.5	3	0	4																														
26	9	5.67	25.59	1	3	228	47	3	0	4																														
27	9	13.94	38.06	1	3	226	38	2	0	0		27	17	9	13.9	45	3	226	38	2	SP		17	17	14.5	45	3	2			17	9	14.2	48	1	2	226	38	2	0	CB,SS
28	9	16.5	63.32	10	3	256	42	1	0	0		28	18	9	18	70	2	256	42	2			18	18	18.8	70	2	1			18	9	19.7	70	10	1	256	42	1	0	CB,SS
29	9	10.63	52.82	1	3	256	30	1	0	0		29	19	9	11.3	62	3	256	30	2			19	19	12.3	62	2	1			19	9	13.5	64	1	2	256	30	2	0	SS
30	9	10.67	59.05	1	3	262	27.5	2	0	0		30	20	9	11.1	56	2	262	27.5	2	SP,DT		20	20	11.9	56	2	2			20	9	12.5	58	1	2	262	27.5	2	0	SS
31	9	8.5	34.78	1	3	262	42.4	3	0	4																														
32	9	8.43	39.7	1	3	267	34	3	0	4																														
33	9	8.54	39.7	1	3	280	28.5	3	0	4																														
34	9	8.74	43.96	1	3	287	26.5	3	0	4																														
35	9	11.22	45.28	10	3	291	35.5	2	0	0		35	21	9	11.5	60	2	291	35.5	2			21	21	11.9	60	2	2			21	9	12.1	56	10	2	291	35.5	2	0	SS
36	9	10.43	35.43	1	3	301	35.5	3	0	0		36	22	9	10.9	60	3	301	35.5	2			22	22	11.1	60	2	2			22	9	11.3	55	1	2	301	35.5	2	0	SS
37	9	7.48	33.46	1	2	307	39	4	0	3																														
38	1	7.87	61.02	1	3	311	31.5	1	0	1																														
39	9	23.35	50.52	10	3	327	32	2	0	0		39	23	9	23.8	72	3	327	32	1			23	23	24.5	72	3	1	CB		23	9	24.8	72	10	1	327	32	1	0	CB,SS
40	1	9.92	58.73	1	3	345	26	2	0	1																														
41	9	20.91	45.28	1	3	18	9.5	1	0	6																														
42	9	15.67	21.98	1	2	34	8	4	0	3																														
43	9	15.28	53.81	10	3	11	44	2	0	0		43	24	9	15.7	100	3	11	47	3	SP		24	24	16.4	100	3	2	SP		24	9	17	70	10	2	11	44	2	0	SB,SS,CB
44	9	7.28	34.78	1	2	33	28	4	0	3																														
45	9	10.16	49.21	1	3	33	46	1	0	6																														
47	9	11.4	45	1	3	222	50	1	0	0		47	25	9	12.7	57	3	222	50	1			25	25	14.2	57	2	1			25	9	14.9	60	1	1	222	50	2	0	SS
1	9	3.3	21	1						1																														
2	9	5.9	26	1						1																														
3	9	4.7	15	1						1																														
4	9	3.5	21	1						1																														
5	9	2.4	15	1						1																														
6	9	5.9	26	1						1																														
7	9	4.3	49	1						1																														
8	9	2.3	13	1						1																														
9	9	4.7	23	1						1																														
10	9	5.5	28	1						1																														
11	9	5.9	26	1						1																														
12	9	3.5	23	1						1																														
13	9	3.9	33	1						1																														
14	9	2.4	15	1						1																														
15	9	3.9	26	1						1																														
16	9	6.5	26	1						1																														

	COAST LIVE OAK THINNING STUDY - 1984 DATA												COAST LIVE OAK THINNING STUDY - 1989 DATA										COAST LIVE OAK THINNING STUDY - 1996 DATA										COAST LIVE OAK THINNING STUDY - 2001 DATA									
									OLD	FINAL			NEW			NEW					PLOT 4-2								PLOT 4-2													PLOT 4-2
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT		OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	2001	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE		NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	7.95	46.59	1	1	3	42	4	1	5																														
2	9	11.77	51.51	1	3	10	10.5	3	0	4																														
3	9	20.43	62.34	10	3	21	9	1	0	0		3	1	9	21.5	71	3	21	9	1		1	1	22.4	71	3	2		1	9	24	73	10	2	21	9	2	0	SS
4	9	13.46	50.2	10	3	18	35	2	0	5																														
5	9	17.44	52.49	1	3	18	47	1	0	0		5	2	9	18.2	65	3	18	47	2	SP	2	2	18.9	65	3	2	SP	2	9	20	73	1	3	18	47	2	0	SP,SS,TRUNK WOUND
6	9	19.09	46.59	10	3	36	46.5	3	0	4																														
7	9	12.99	71.85	10	3	36	40	2	0	5																														
8	9	12.76	64.96	10	3	53	12	2	0	5																														
9	9	19.13	58.07	1	3	53	39	1	0	0		9	3	9	19.8	70	3	53	39	2	SP	3	3	20.7	70	3	1		3	9	21.3	70	1	3	53	39	2	0	SS,CB
10	9	5.98	40.68	1	2	128	30.5	4	0	3																														
11	9	23.19	75.46	10	3	132	50.5	2	0	5																														
12	9	20.16	56.43	10	3	142	28	1	0	0		12	4	9	21.5	74	2	142	28	2	SP	4	4	22.8	74	3	2		4	9	24.3	80	10	2	142	28	2	0	SS,CB
13	9	14.02	42.98	10	2	157	27.5	3	3	4																														
14	9	14.8	44.62	1	2	166	27.5	3	3	4																														
15	9	24.25	74.47	10	3	202	41.5	1	0	6																														
16	9	21.18	61.68	10	3	248	35.5	1	0	0		16	5	9	22.4	70	2	248	35.5	2	CB	5	5	23.2	70	3	2	CB	5	9	23.6	75	10	2	248	35.5	2	0	CB,SS,DIE-BACK
17	9	21.93	62.34	10	3	253	32.5	2	0	5																														
18	9	19.13	73.82	10	3	280	12.5	1	0	0		18	6	9	19.3	59	3	280	12.5	2	CB	6	6	20.1	59	3	1		6	9	19.7	65	10	2	280	12.5	1	0	SS,CB
19	9	13.07	44.29	10	3	325	16	2	0	5																														
20	9	19.25	54.79	10	3	345	33	2	0	5																														
1	9	3.1	15	1						1																														
2	9	0.8	10	1						1																														
3	9	6.7	34	1						1																														
4	9	5.3	30	1						1																														
5	9	5.8	31	1						1																														
6	9	3.5	23	1						1																														
7	9	5.9	23	1						1																														
8	9	3.9	23	1						1																														
9	9	8	39	1						1																														

COAST LIVE OAK THINNING STUDY - 1984 DATA											COAST LIVE OAK THINNING STUDY - 1989 DATA										COAST LIVE OAK THINNING STUDY - 1996 DATA									COAST LIVE OAK THINNING STUDY - 2001 DATA										
									OLD	FINAL		NEW			NEW					PLOT 4-3								PLOT 4-3										PLOT 4-3
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT	OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	2001	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE	NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
42	9	5.0	15	1	3	0.5	1	4	0	0	42	42	9	5.0	15	3			4		42	42	5.0	15	3	4	Remeas. AZ & Ht	42	9	5.1	20	1	3	9	23.6	4	0	SS,DIEBACK
43	9	11.5	60	1	2	0.5	3	2	0	0	43	43	9	11.5	60	2			2		43	43	11.5	60	2	2	Remeas. AZ & Ht	43	9	11.5	60	1	2	254	24.8	2	0	
44	9	8.0	55	1	3	0.5	5	3	0	0	44	44	9	8.0	55	3			3		44	44	8.0	55	3	3	Remeas. AZ & Ht	44	9	8.9	23	1	2	217	37.4	2	0	SS,LEANING
21	9	12.13	54.13	10	3	350	12	2	0	0	21	101	9	12.4	51	2	350	12	2		101	101	13.3	51	2	2		101	9	11.8	58	10	2	350	12	1	0	CB,SS,SB
22	9	26.02	64.96	10	3	8	44.5	1	0	0	22	102	9	26.7	82	3	8	44.5	1		102	102	27.7	82	3	1		102	9	27.7	82	10	1	8	44.5	3	0	CB,SS
23	9	12.72	39.37	1	3	43	52	3	0	4	23	103	9	12.6	41	2	43	52	2	CB	103	103	13.1	41	3	2	CB	103	9	13.5	45	1	2	43	52	3	0	CB,SS
24	9	8.66	29.2	1	2	41	60.5	3	0	4	24	104	9	9.4	41	2	41	60.5	2		104	104	10.0	41	2	3		104	9	10.8	41	1	2	41	60.5	3	0	CB
25	9	11.73	41.01	1	3	40	17.5	2	3	0	25	105	9	11.8	49	3	42	17.5	2		105	105	12.1	49	3	2		105	9	12.3	55	1	2	40	17.5	2	0	CB,SS
26	9	13.78	45.93	1	3	44	19	2	3	0	26	106	9	14.1	46	3	44	17.5	2		106	106	14.2	46	3	2		106	9	14.2	50	1	2	44	19	2	0	CB,SS
27	9	8.11	33.46	1	2	90	26.5	4	0	3	27	107	9	8.5	35	2	90	26.5	3		107	107	9.0	35	2	3		107						100				GONE-REMOVED FOR ROAD
28	9	18.66	50.85	10	2	82	40.5	1	0	0	28	108	9	19.7	65	2	82	40.5	2	CB	108	108	21.0	65	2	2	CB	108	9	21.5	64.8	10	2	82	40.5	2	0	CB,SS
29	9	14.92	57.41	10	3	90	35	1	3	0	29	109	9	15.2	60	3	90	35	1		109	109	15.5	60	3	1		109	9	16	60	10	1	90	35	2	0	CB
30	9	10.79	39.37	1	2	94	33	3	3	4	30	110	9	11	60	3	92	35	3		110	110	11.0	60	3	3		110	9	11.2	60	1	2	94	33	2	0	SS
31	9	15.55	49.21	10	2	95	38.5	3	0	4	31	111	9	16.4	35	2	95	38.5	2		111	111	17.1	35	2	2	BI	111	9	19.2	35	10	2	95	38.5	2	0	BI,SS
32	9	10.51	42.65	1	2	105	12.5	3	0	4	32	112	9	10.3	66	3	105	12.5	2	CB	112	112			99		DEAD	112						99				DEAD
33	9	18.31	50.85	10	3	113	25	1	0	0	33	113	9	18.7	63	2	113	25	1	CB	113	113	19.0	63	2	1		113	9	19.5	67	10	2	113	25	1	0	SS
34	9	42.3	62.99	10	3	136	53.5	1	0	0	34	114	9	42.8	89	3	136	53.5	1		114	114	43.3	89	3	1	CB	114	9	44	89	10	2	136	53.5	1	0	SS
35	9	12.17	46.92	1	3	154	18.5	3	0	4	35	115	9	12.2	55	3	154	18.5	2		115	115	12.2	55	3	2		115	9	12.1	55	1	2	154	18.5	2	0	SS
36	9	13.86	43.96	10	2	166	32.5	3	0	4	36	116	9	13.9	42	3	166	32.5	4	DT	116	116			99		DEAD	116						99				DEAD
37	9	10.75	47.57	1	2	175	45	3	0	4	37	117	9	11.1	59	3	175	45	2		117	117	11.5	59	3	2		117	9	12.1	45	1	1	175	45	2	0	CB
39	9	15.04	52.49	10	3	186	22.5	2	0	0	39	118	9	15.6	55	3	186	22.5	2		118	118	15.8	55	3	2		118	9	16.1	54	10	2	186	22.5	2	0	SS,CB
40	9	10.31	36.74	1	2	188	41	3	0	4	40	119	9	10.4	36	2	188	41	3	DT	119	119	10.5	36	3	3		119	9	10.6	39	1	2	188	41	3	0	SS
41	9	15.63	62.01	10	3	215	33.5	1	0	0	41	120	9	16.5	60	2	215	33.5	2		120	120	17.1	60	2	1		120	9	18.1	64.8	10	2	215	33.5	1	0	SS,CB
42	9	15.67	41.99	10	2	209	43.5	1	0	0	42	121	9	16.4	60	3	209	43.5	2		121	121	16.7	60	3	2		121	9	17	60	10	2	209	43.5	2	0	SS,CB
43	9	9.92	19.68	1	2	236	50.5	0	4	1	43	122	9	9.9	30	3	236	50.5	3	CB	122	122	10.0	30	3	4		122						100				REMOVED FOR ROAD
44	9	17.44	55.77	10	3	260	23	1	3	0	44	123	9	17.6	62	3	256	23	1		123	123	18.3	62	3	1		123	9	18.7	62	10	1	260	23	1	0	CB
45	9	15.16	55.77	10	3	254	23	2	3	0	45	124	9	15.7	58	3	254	23	2		124	124	15.5	58	3	2		124	9	15.7	60	10	1	254	23	1	0	CB
46	9	10.63	41.01	1	2	253	36.5	3	0	4	46	125	9	10.8	56	3	253	36.5	3	DT	125	125	10.7	56	3	3		125	9	10.7	55	1	3	253	36.5	3	0	CB,SS
47	9	12.83	47.9	10	3	282	44.5	1	0	0	47	126	9	12.9	48	3	282	44.5	2		126	126	12.9	48	3	2		126	9	13.1	50	10	2	282	44.5	2	0	SS
48	9	9.49	43.31	1	2	285	31	3	0	4	48	127	9	9.5	59	3	285	31	2		127	127	9.7	59	3	2		127	9	9.6	48	1	2	285	31	1	0	SS,CB
49	9	13.35	48.56	10	3	307	41.5	2	0	0	49	128	9	13.6	45	3	307	41.5	2		128	128	13.7	45	3	2	DT	128	9	13.8	40	10	3	307	41.5	1	0	DT,CB,SS
50	9	13.58	49.21	1	3	315	54.5	2	0	0	50	129	9	13.7	57	3	315	54.5	2		129	129	13.9	57	3	2		129	9	14.6	57	1	2	315	54.5	1	0	SS
51	9	9.72	32.81	1	2	316	58	4	0	3	51	130	9	9.8	45	3	316	58	3	SP	130	130	9.8	45	3	4		130	9	9.9	40	1	2	316	58	4	0	SS
52	9	12.72	50.85	1	2	322	47.3	3	0	4	52	131	9	13.2	47	2	322	47.3	3	CB	131	131	13.3	47	3	2		131	9	13.8	25	1	2	322	47.3	3	0	SS,CB,BI
53	9	16.93	58.07	10	3	334	41.5	2	0	0	53	132	9	16.9	65	3	334	41.5	2		132	132	17.1	65	3	1		132	9	17.4	65	10	2	334	41.5	2	0	CB,SS
54	9	14.92	59.05	10	3	339	21.5	1	0	0	54	133	9	15.7	55	2	339	21.5	2		133	133	15.7	55	2	2		133	9	16.5	55	10	1	339	21.5	2	0	CB
55	9	14.37	61.68	10	3	349	28.8	1	0	0	55	134	9	15.2	54	3	349	28.8	1		134	134	15.0	54	3	1	CB	134	9	15.5	56	10	2	349	28.8	2	0	CB,SS
56	9	11.57	52.49	1	2	358	45	3	0	4	56	135	9	11.7	65	3	358	45	2	SP	135	135	11.9	65	3	2		135	9	12	65	1	2	358	45	3	0	CB,SS
1	9	2.22	20	1		42	46.5			1		14	9	2.3	13	3	42	46.5	4		14	14	2.7	13	3	4		14	9	2.5	15	1	3	42	46.5	4	0	SS
2	9	4.96	8	1		92	39.5			1		15	9	5.1	30	3	92	39.5	3		15	15	5.7	30	3	3		15	9	6	35	1	2	92	39.5	4	0	
3	9	5.16	23	1		100	28			1		16	9	5.3	27	3	100	28	3		16	16	5.5	27	3	3		16	9	5.6	27	1	3	100	28	1	0	SS
4	9	1.82	25	1		100	44			1		17	9	1.9	15	3	100	44	4		17	17	2.2	15	3	4		17	9	2.3	15	1	3	100	44	4	0	
5	9	3.88	25	1		104	34.5			1		18	9	4	20	3	104	34.5	4		18	18	4.2	20	3	4		18	9	4.3	25	1	2	104	34.5	3	0	SS
6	9	3.78	23	1		118	27.5			1		19	9	3.9	32	3	118	27.5	4		19	19	4.0	32	3	4		19	9	4	25	1	3	118	27.5	4	0	SS
7	9	5.16	26	1		118	8			1		20	9	5.3	35	3	118	8	4		20	20	5.6	35	3	4	DT	20						100				REMOVED FOR ROAD
8	9	3.49	20	1		134	10.5			1		21	9	3.6	12	3	134	10.5	4		21	21	3.8	12	3	4		21						100				REMOVED FOR ROAD
9	9	5.65	28	1		134	14			1		22	9	5.8	28	3	134	14	4		22	22			99		DEAD	22						99				DEAD
10	9	4.18	23	1		158	39.5			1		23	9	4.3	27	3	158	39.5	4		23	23	4.7	27	3	4		23	9	5.5	33	1	2	158	39.5	3	0	CB,SB
11	9	3.39	28	1		166	46.5			1		24	9	3.5	20	3	166	50.5	3		24	24	4.0	20	3	4		24	9	4.3	20	1	3	166	46.5	4	0	SS
12	9	5.06	10	1		170	43			1		25	9	5.2	30	3	170	48.5	3		25	25	5.8	30	2	3		25	9	6.3	30	1	2	170	43	3	0	SS
13	9	5.65	30	1		200	29.5			1		26	9	5.8	30	3	200	29.5	2		26	26	5.9	30	3	4		26	9	6.3	25	1	2	200	29.5	3	0	SB,SS
14	9	8.98	30	1		216	32			1		27	9	9.2	46	3	216	32	3		27	27			99		DEAD	27						99				DEAD
15	9	5.55	26	1		248	45			1		28	9	5.7	24	3	248	45	3		28	28	6.0	24	3	3		28	9	6.1	25	1	2	248	45	4	0	CB
16	9	6.23	26	1		248	22.5			1		29	9	6.4	25	3	248	22.5	3		29	29	6.3	25	3	4		29	9	6.3	27.5	1	2	248	22.5	4	0	SS
17	9	8.49	23	1		250	17			1		30	9	8.7	35	3	250	17	4		30	30	8.7	35	3	4		30	9	8.8	27	1	2	250	17	4	0	SS
18	9	3.59	30	1		266	39.5			1		31	9	3.7	12	3	266	39.5	2		31	31	3.8	12	3	4	DT	31	9	3.7	12	1	3	266	39.5	4	0	DT,BT,ALMOST DEAD
19	9	7.61	33	1		268	39.5			1		32	9	7.8	35	3	268	39.5	3		32	32	7.9	35	3	4		32	9	7.9	40	1	2	268	39.5	3	0	SS
20	9	5.16	28	1		290	38.5			1		33	9	5.3	25	3	290	38.5	4		33	33	5.5	25	3	4		33	9	5.9	25	1	3	290	38.5	4	0	SS,CB
21	9	6.53	30	1		316	35			1		34	9	6.7	24	3	316	35	2		34	34	6.7	24	3	4	DT	34	9	6.8	16	1	3	316	35	4	0	BT,SS
22	9	5.25	30	1		328	46.5			1		35	9	5.4	30	3	328	46.5	4		35	35	6.7	30	3	4		35	9	7	35	1	2	328	46.5	3	0	SS,CB
23	9	4.37	23	1		336	40			1		36	9	4.5	30	3	336	40	4		36	36	4.9	30	3	4		36	9	5.2	20	1	3	336	40	4	0	SS,CB
24	9	2.12	13	1		344	39			1		37	9	2.2	12	3	344	39	4		37	37	2.3	12	3	4		37	9	2.5	12	1	3	344	39	4	0	SS
25	9	2.51	13	1		356	20.5			1		38	9	2.6	18	3	356	20.5	4		38	38	3.0	18	3	4		38	9	3.2	18	1	3	356	20.5	4	0	SS
26	9	3.49	23	1		358	22			1		39	9	3.6	12	3	358	22	4		39	39	3.6	12	3	4		39	9	3.6	12	1	3	358	22	4	0	SS,DT
27	9	7.12	26	1		6	17.5			1		40	9	7.3	32	3	6	17.5	4		40	40			99		DEAD	40						99				DEAD
28	9	4.37	16	1		12	225			1		41	9	4.5	18	3	12	22.5	4		41	41	7.3	18	3	4	DT,BT,CB	41	9	7.5	18	1	3	12	225	4	0	BT,SS
	9																											45	9	2.4	17	1	3	340	38	4	0	SS
	9																											46	9	2.3	19	1	3	341	38	4	0	SS

		COAST LIVE OAK THINNING STUDY - 1984 DATA										COAST LIVE OAK THINNING STUDY - 1989 DATA									COAST LIVE OAK THINNING STUDY - 1996 DATA							COAST LIVE OAK THINNING STUDY - 2001 DATA									
									OLD	FINAL			NEW			NEW					PLOT 5-1							PLOT 5-1								PLOT 5-1
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT		OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	2001	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE		NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	31.54	43.63	1	3	3	21.5	1	0	0		1	13	9	32	46	1	3	21.5	1	S	13	13	32.3	46	3	1	CB	13	9	35.3	46	1	1	3	21.5	1	0	CB, SS,YD,Y
2	9	16.02	58.73	1	3	56	51.5	2	0	0		2	14	9	16.5	49.5	2	56	51.5	2		14	14	17.6	49.5	3	2		14	9	18.8	51.0	1	1	56	51.5	2	0	CB
3	9	8.23	37.4	1	3	56	21.5	4	0	3																													
4	9	6.18	30.51	1	2	65	16	4	0	3																													
5	9	18.7	45.28	1	3	88	4.5	2	0	5																													
6	9	12.24	50.85	1	3	98	33.5	1	0	5																													
7	9	20.04	41.99	10	3	111	25	1	3	4																													
8	9	18.35	54.13	1	3	105	25	1	3	5																													
9	9	11.61	34.78	1	3	152	37.5	2	0	0		9	15	9	12.5	44	2	152	37.5	2		15	15	13.8	44	2	2		15	9	13.8	48.0	1	1	152	37.5	2	0	CB
10	9	10.55	30.51	1	3	162	38.5	3	0	4																													
11	9	13.43	50.85	1	3	190	41.5	2	3	0		11	16	9	14.9	44	3	190	41.5	2		16	16	16.4	44	2	2		16	9	17.5	47.0	1	1	190	41.5	2	0	SS
12	9	12.24	47.9	1	3	195	39.5	2	3	0		12	17	9	13.4	44	3	192	41.5	2		17	17	14.3	44	2	2		17	9	14.6	47.0	1	1	195	39.5	2	0	SS
13	9	2.8	13.12	1	2	194	46	4	0	1																													
14	9	5.04	36.09	1	3	218	47	3	0	4																													
15	9	14.37	41.01	1	1	228	46.5	3	0	2																													
16	9	13.31	57.09	1	2	230	28.5	2	0	0		16	18	9	14.2	53.5	2	230	28.5	1	CB	18	18	20.6	53.5	2	2	CB	18	9	22.5	56.0	1	1	230	28.5	1	0	CB
17	9	15.87	35.43	1	3	238	43.5	1	1	1																													
18	9	23.23	44.62	1	3	287	35	2	0	5																													
1	9	3.1	15	1						1																													
2	9	27.4	34	1						1																													
3	9	7.7	20	1						1																													
4	9	9.2	30	1						1																													

		COAST LIVE OAK THINNING STUDY - 1984 DATA										COAST LIVE OAK THINNING STUDY - 1989 DATA											COAST LIVE OAK THINNING STUDY - 1996 DATA								COAST LIVE OAK THINNING STUDY - 2001 DATA									
									OLD	FINAL			NEW			NEW					PLOT 5-2										2001								PLOT 5-2
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT	OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE	NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	16.73	51.51	1	3	359	36	2	3	0	1	101	9	16.4	37	3	0	36	4	SP	101	101	16.8	37	2	3		101	9	16.3	37	1	2	359	36	2	0	SS
2	9	21.18	42.65	1	3	6	36	2	3	0	2	102	9	22.2	42	2	2	36	1	SP	102	102	23.1	42	2	2		102	9	23.7	44	1	2	6	36	2	0	SS,SB
3	9	32.99	55.12	1	3	50	25.5	1	0	0	3	103	9	33.1	63	3	50	25.5	1		103	103	33.7	63	3	1	CB	103	9	33.8	64	1	1	50	25.5	1	0	CB
4	9	17.2	42.32	1	3	91	44	2	0	0	4	104	9	17.3	58	2	91	46	2	SP	104	104	17.6	58	3	4	CB	104	9	17.6	50	1	2	91	44	4	0	SS
5	9	16.89	40.68	1	3	96	40	2	0	0	5	105	9	17	49	3	96	40	2	SP	105	105	17.1	49	2	3	DIAM. DOUBLE CH	105	9	16.8	49	1	2	96	40	4	0	
6	9	23.82	69.88	10	3	116	47	1	0	0	6	106	9	24.5	75	3	116	51	2		106	106	25.6	75	3	1	CB	106	9	27.6	78	10	1	116	47	2	0	CB
7	9	27.13	47.24	1	3	125	38.5	1	0	0	7	107	9	27.9	65	3	125	38.5	2	SP	107	107	28.5	65	3	2		107	9	29.9	80	1	1	125	38.5	1	0	SS
8	9	14.72	41.99	1	3	154	27.5	2	0	0	8	108	9	16	69	3	154	27.5	2		108	108	17.0	69	2	2		108	9	17.4	42	1	3	154	27.5	4	0	BT,SS,SB
9	9	13.07	39.04	10	3	166	17.5	3	0	4	9	109	9	13.2	48	3	166	17.5	3	SP	109	109	13.7	48	3	4		109	9	13.8	48	10	3	166	17.5	4	0	SS,SB
10	9	20.2	55.77	10	3	190	45	2	0	0	10	110	9	20.9	55	3	190	45	2		110	110	22.3	55	3	2	CB	110	9	22.3	55	10	1	190	45	2	0	CB
11	9	21.93	58.07	10	3	223	42	1	0	0	11	111	9	22.5	70	3	223	42	1		111	111	23.1	70	3	2		111	9	23.7	70	10	1	223	42	2	0	CB
12	9	15.2	39.04	1	3	223	48.5	3	0	4	12	112	9	15.2	51	3	223	48.5	3	SP	112	112	15.3	51	2	2	DIAM. DOUBLE CH	112	9	16.2	51	1	2	223	48.5	2	0	SS
13	9	27.13	59.71	10	3	223	56.5	1	0	0	13	113	9	27.4	77	3	223	56.5	1	CB	113	113	27.9	77	2	2		113	9	28.9	77	10	1	223	56.5	1	0	CB
14	9	8.86	26.25	1	3	224	61.5	4	0	3	14	114	9	9	20	3	224	60.5	4	SP	114	114	9.2	20	3	4	BT	114	9	9.2	20	1	3	224	61.5	4	0	BT,SS
15	9	20.87	53.48	10	3	294	47.5	2	0	0	15	115	9	22.6	56	3	294	47.5	2		115	115	22.8	56	2	2		115	9	23.9	56	10	1	294	47.5	2	0	
999	9			1		0.5	2			0					16						999	28	6.3	16	3	4	NEED to meas.	28	9	6.6	17	1	3	0.5	2	4	0	DT

		COAST LIVE OAK THINNING STUDY - 1984 DATA											COAST LIVE OAK THINNING STUDY - 1989 DATA											COAST LIVE OAK THINNING STUDY - 1996 DATA											COAST LIVE OAK THINNING STUDY - 2001 DATA										
									OLD	FINAL			NEW			NEW					PLOT 5-3								PLOT 5-3														PLOT 5-3
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT		OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	2001	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE		NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	12.87	59.71	1	3	63	25.3	2	0	0		1	1	9	13.4	44	2	63	25.3	2		1	1	14.1	44	2	2		1	9	14.5	46	1	2	63	25.3	2	0	CB
2	9	8.54	35.43	1	2	74	17.5	3	1	1																													
3	9	7.2	26.9	1	2	96	35	3	0	4																													
4	9	10.04	26.25	1	3	98	41	3	1	1																													
5	9	12.09	40.68	1	3	100	41	2	0	0		5	2	9	12.6	44	1	100	41	2		2	2	13.4	44	3	2		2	9	15.9	44	1	2	100	41	2	0	
6	9	9.76	29.53	1	3	102	41	2	0	5																													
7	9	15.12	29.53	1	3	127	36.5	2	0	0		7	3	9	16.3	44	2	127	36.5	2		3	16	17.7	44	3	2		16	9	18.7	49	1	2	127	36.5	2	0	CB
8	9	10.2	26.25	1	3	131	22.5	3	0	4																													
9	9	9.21	26.25	1	3	134	10.5	4	1	1																													
10	9	16.42	37.73	1	3	145	10.5	2	0	0		10	4	9	17.2	51	2	145	10.5	3		4	4	17.3	51	3	3		4	9	17.1	51	1	3	145	10.5	3	0	SS,BI,LEANING
11	9	10.12	26.25	1	3	129	56.5	3	3	4																													
12	9	7.76	21.33	1	3	131	56.7	4	2	1																													
13	9	17.68	45.93	1	3	172	5.5	1	0	0		13	5	9	18.7	51	2	172	5.5	1		5	5	20.0	51	2	1		5	9	20.9	51	1	1	172	5.5	2	0	LEANING
14	9	15.47	42.98	1	3	183	39	1	0	0		14	6	9	16.6	52	1	183	39	1		6	6	17.7	52	3	2		6	9	17.7	52	1	3	183	39	2	0	
15	9	10.39	33.79	1	3	214	18.5	3	0	4																													
16	9	25.87	52.16	10	3	233	53	1	0	0		16	7	9	26.4	64	2	230	55	1		7	7	27.2	64	3	2	CB	7	9	27.4	66	10	1	233	53	2	0	CB,YD
17	9	29.69	53.48	1	3	229	57	1	0	0		17	8	9	29.7	64	2	229	57	1		8	8	30.3	64	3	1	CB	8	9	31.0	66	1	1	229	57	1	0	CB,BI,Y
18	9	10.43	39.37	1	2	250	37.5	4	0	3																													
19	9	13.15	42.65	1	3	312	22	3	0	4																													
20	9	16.18	43.63	1	3	326	24	1	0	0		20	9	9	17.1	52	2	326	24	2	CB	9	9	18.3	52	3	1		9	9	18.8	52	1	1	326	24	2	0	CB
21	9	12.17	52.49	1	3	323	30	3	0	4																													
22	9	15.67	39.04	1	3	342	39.5	1	0	0		22	10	9	15.9	45	1	342	39.5	2		10	10	16.8	45	3	2		10	9	16.9	48	1	1	342	39.5	2	0	CB,SS,SB
23	9	16.38	52.82	1	3	350	25	1	0	0		23	11	9	17.2	53	2	350	25	2	CB	11	11	18.5	53	2	2		11	9	19.2	60	1	1	350	25	1	0	CB
24	9	9.25	33.46	1	3	348	29	2	0	5																													
25	9	11.26	47.57	1	3	346	27	1	0	5																													
26	9	10.55	57.09	1	3	33	52.6	2	0	4																													
27	9	14.61	41.01	1	3	271	44	1	0	0		27	12	9	15.2	52	2	271	44	2	CB	12	12	15.7	52	3	2		12	9	16.1	54	1	1	271	44	2	0	CB,SS
1	9	5.6	20	1						1																													
2	9	0.5	13	1						1																													
3	9	6.6	20	1						1																													
4	9	7.4	8	1						1																													
5	9	5.9	21	1						1																													
6	9	6.3	15	1						1																													
7	9	8.7	26	1						1																													
8	9	6.1	15	1						1																													
9	9	3.6	13	1						1																													
10	9	9.2	30	1						1																													
11	9	9.8	30	1						1																													
12	9	4.4	16	1						1																													
13	9	5.1	16	1						1																													
14	9	7	30	1						1																													
15	9	7	26	1						1																													
16	9	8.5	23	1						1																													

		COAST LIVE OAK THINNING STUDY - 1984 DATA											COAST LIVE OAK THINNING STUDY - 1989 DATA										COAST LIVE OAK THINNING STUDY - 1996 DATA								COAST LIVE OAK THINNING STUDY - 2001 DATA										
									OLD	FINAL			NEW			NEW					PLOT 6-1							PLOT 6-1											PLOT 6-1
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT	OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	2001	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE	NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	5.51	32.81	1	3	16	37.5	3	0	4																											0	
2	9	6.22	33.14	1	3	20	34	2	0	0	2	43	9	6.7	37.07	3	20	34	2		43	43	7.4	35.1	3	2		43	9	8.4	38.0	1	2	20	34	2	0	SS
3	9	5.91	33.46	1	3	34	47.5	2	0	0	3	44	9	6.6	35.73	2	34	47.5	3	SP	44	44	7.6	34.6	2	3		44	9	8.6	35.0	1	2	34	47.5	2	0	
4	9	6.65	29.53	1	3	32	47.5	3	0	4																												
5	9	7.24	31.82	1	3	30	36	2	0	0	5	45	9	7.8	33.41	1	30	36	4	S	45	45	8.6	32.6	1	4		45	9	9.6	33.0	1	2	30	36	2	0	
6	9	7.48	32.81	1	3	32	33	3	0	4																												
7	9	10.12	32.15	1	3	42	58	2	0	0	7	46	9	11.6	38.58	2	42	58	2	CB	46	46	13.7	35.4	2	2		46	9	13.7	37.7	1	2	42	58	2	0	
8	9	6.93	27.89	1	3	88	29	2	0	4																												
9	9	6.57	34.45	1	3	91	29.5	2	0	5																												
10	9	6.57	36.09	1	3	93	29.5	2	0	5	10	47	9	7.7	38.55	2	93	29.5	2		47	47	9.3	37.3	2	2		47					100					cut in harvest
11	9	8.46	37.73	1	3	105	41.5	1	0	0	11	48	9	9.3	40.87	2	105	41.5	2		48	48	10.5	39.3	2	2		48					100					cut in harvest
12	9	6.46	35.1	1	3	108	42.5	2	0	5																												
13	9	6.65	34.45	1	3	110	41.5	3	0	4																												
14	9	8.43	37.73	1	3	112	41	1	0	0	14	49	9	9.2	41.37	2	112	41	2	SP	49	49	10.3	39.5	2	2		49					100					cut in harvest
15	9	7.13	37.07	1	3	114	32	2	0	0	15	50	9	7.4	38.54	3	114	32	2	SP	50	50	7.8	37.8	3	2		50					100					cut in harvest
16	9	6.3	26.25	1	3	128	46	2	0	0	16	51	9	6.6	31.63	2	128	46	3	SP	51	51	7.0	28.9	2	3		51					100					cut in harvest
17	9	5.87	24.61	1	3	129	48	3	0	4																												
18	9	8.9	35.43	1	3	143	20.5	1	0	0	18	52	9	9.5	40.72	2	143	20.5	2		52	52	10.3	38.1	2	2		52					100					cut in harvest
19	9	6.97	32.15	1	3	146	20.5	3	0	4																												
20	9	6.77	32.81	1	3	142	37	1	0	0	20	53	9	7.2	38.91	3	142	37	2		53	53	7.8	35.9	3	2		53					100					cut in harvest
21	9	7.68	31.82	1	3	134	58.5	1	0	0	21	54	9	8.4	36.91	2	134	58.5	2	SP	54	54	9.4	34.4	2	2		54					100					cut in harvest
22	9	6.97	32.15	1	3	148	46	2	0	0	22	55	9	7.9	38.58	2	148	46	2		55	55	9.2	35.4	2	2		55					100					cut in harvest
23	9	6.18	26.25	1	3	162	5	2	0	0	23	56	9	7.2	34.13	3	162	5	2		56	56	8.6	30.2	3	2		56					100					cut in harvest
24	9	7.6	25.59	1	3	174	7.5	2	0	0	24	57	9	8.2	35.8	2	174	7.5	2	SP	57	57	9.0	30.7	2	2		57					100					cut in harvest
25	9	8.78	32.81	1	3	175	32.5	2	0	0	25	58	9	9.5	38.91	2	175	32.5	1	SP	58	58	10.5	35.9	2	1		58					100					cut in harvest
26	9	8.35	32.48	1	3	173	32.5	2	0	5																												
27	9	6.14	27.23	1	3	192	35	2	0	0	27	59	9	6.9	33.62	3	192	35	2	SP	59	59	8.0	30.4	3	2		59					100					cut in harvest
28	9	5.12	29.53	1	3	204	47.5	3	0	4																												
29	9	7.13	32.81	1	3	208	48.5	2	0	0	29	60	9	8.3	39.91	2	208	48.5	1		60	60	9.9	36.4	2	1		60					100					cut in harvest
30	9	7.56	33.46	1	3	216	39	2	0	4																												
31	9	7.56	31.17	1	3	216	42	2	0	0	31	61	9	7.9	38.09	3	216	42	2	SP	61	61	8.4	34.6	3	2		61					100					cut in harvest
32	9	7.36	32.81	1	3	217	50.5	2	0	0	32	62	9	7.7	37.41	2	217	50.5	2		62	62	8.2	35.1	2	2		62					100					cut in harvest
33	9	8.5	34.45	1	3	225	32.5	1	0	0	33	63	9	9.6	41.23	2	225	32.5	1		63	63	11.1	37.8	2	1		63	9	12.1	20.5	1		225	32.5		0	SS,BT WITH NEW LEADER
34	9	5.12	27.89	1	3	224	51	3	0	4																												
35	9	5.67	28.21	1	3	217	55	3	0	4																												
36	9	6.18	26.9	1	3	233	45.5	3	0	4																												
37	9	11.65	37.73	1	3	253	40	1	0	0	37	64	9	13	44.37	3	253	40	1		64	64	14.9	41.0	3	1		64					100					cut in harvest
38	9	7.72	34.45	1	3	270	42	1	0	5																												
39	9	7.64	32.81	1	3	274	40	1	0	0	39	65	9	8.3	39.41	3	274	40	2		65	65	9.2	36.1	3	2		65					100					cut in harvest
40	9	5.94	28.54	1	3	294	21.5	2	0	4																												
41	9	7.28	27.23	1	3	302	43.5	2	0	0	41	66	9	8.3	35.62	3	302	43.5	2		66	66	9.7	31.4	3	2		66					100					cut in harvest
42	9	10.12	32.81	1	3	322	13	2	3	5																												
43	9	11.57	36.09	1	3	315	13	1	3	0	43	67	9	13.6	45.05	1	317	13	1		67	67	16.4	40.6	1	1		67	9	18.4	48.0	1	1	315	13	2	0	CB,SS
44	9	8.43	35.43	1	3	327	16.5	2	0	0	44	68	9	9.8	42.72	2	327	16.5	2		68	68	11.7	39.1	2	2		68	9	12.1	41.0	1	1	327	16.5	2	0	
45	9	6.73	27.89	1	3	318	33	3	0	4																												
46	9	6.38	29.53	1	3	330	35.5	2	0	0	46	69	9	7.2	37.77	3	330	35.5	2		69	69	8.3	33.6	3	2		69	9	9.4	40.5	1	2	330	35.5	2	0	CB
47	9	6.65	29.53	1	3	332	44	2	0	0	47	70	9	7.8	36.77	2	332	44	2		70	70	9.4	33.1	2	2		70	9	10.4	38.0	1	2	332	44	2	0	
48	9	7.2	35.76	1	3	346	44	2	0	0	48	71	9	7.8	39.38	3	346	47	2		71	71	8.6	37.6	3	2		71	9	8.7	38.0	1	2	346	44	2	0	
49	9	6.3	37.4	1	3	352	18	2	0	0	49	72	9	6.5	38.7	2	352	18	3	SP	72	72	6.8	38.1	2	3		72	9	6.9	40.0	1	2	352	18	2	0	
50	9	5.87	34.45	1	3	357	28	2	0	0	50	73	9	6.3	37.73	2	357	28	2		73	73	6.9	36.1	2	2		73	9	7.8	36.9	1	2	357	28	2	0	SS
51	9	7.56	38.06	1	3	357	30	2	0	0	51	74	9	8.3	40.53	2	357	30	2		74	74	9.3	39.3	2	2		74	9	9.8	41.0	1	2	357	30	2	0	SS,CB
52	9	7.24	39.37	1	3	8	38	2	0	0	52	75	9	8.3	42.19	3	8	38	2		75	75	9.8	40.8	3	2		75	9	10.7	42.8	1	2	8	38	2	0	
1	9	3.1	13	1						1																												
2	9	3.1	16	1						1																												
3	9	3.9	20	1						1																												
4	9	2.4	13	1						1																												
5	9	4.7	20	1						1																												
6	9	5.9	23	1						1																												
7	9	4.7	10	1						1																												
8	9	5.9	25	1						1																												
9	9	3.9	18	1						1																												
10	9	5.9	20	1						1																												
11	9	5.9	16	1						1																												
12	9	5.9	20	1						1																												
13	9	3.9	23	1						1																												
14	9	6.3	23	1						1																												
15	9	5.5	25	1						1																												
16	9	4.7	26	1						1																												
17	9	3.9	20	1						1																												
18	9	5.9	26	1						1																												
19	9	6.3	26	1						1																												
20	9	2.8	13	1						1																												
21	9	6.3	20	1						1																												
22	9	3.1	10	1						1																												
23	9	3.3	13	1						1																												
24	9	4.6	33	1						1																												
25	9	2.8	25	1						1																												
26	9	0.8	28	1						1																												
27	9	2.6	51	1						1																												
28	9	6.1	26	1						1																												
29	9	3.1	26	1						1																												
30	9	3.3	13	1						1																												
31	9	16.5	23	1						1																												
32	9	4.3	21	1						1																												
33	9	3.1	23	1						1																												
34	9	3.1	20	1						1																												

35	9	3.5	23	1						1																															
36	9	3.5	20	1						1																															
	9																													65	9	5	13.2	1	1	77	31.8	1	0	new in growth, not the same tree as the one previously tagged #65

COAST LIVE OAK THINNING STUDY - 1984 DATA

TREE NUMB	SPEC CODE	DBH (IN)	HT (FT)	IND CODE	VIGOR CODE	AZM (DEG)	HORZ DIST	CROWN CLASS	OLD CUT CODE	FINAL CUT CODE
1	9	19.37	39.37	1	3	36	47.5	1	0	0
2	9	10.12	29.53	1	2	40	34.5	4	0	3
3	8	5.91	32.81	1	3	44	43.5	3	0	1
4	9	12.56	37.73	1	3	48	27.5	1	0	0
5	9	9.09	36.74	1	3	74	3.5	2	0	0
6	9	10.08	37.73	1	3	113	4	2	0	0
7	9	7.72	29.53	1	3	62	16.5	2	0	0
8	9	9.45	34.45	1	3	63	36	2	0	0
9	9	10.08	32.81	1	3	65	39	2	0	0
10	9	9.53	40.03	1	3	67	33	3	0	4
11	9	5.71	32.81	1	1	92	15.5	4	1	1
12	8	4.84	27.89	1	3	100	35	4	0	1
13	8	6.89	29.53	1	2	102	40	2	0	1
14	9	8.11	29.53	1	2	117	42.5	2	0	0
15	4	9.02	34.45	1	3	146	42	2	0	1
16	4	5.12	27.89	1	3	462	45	3	0	1
17	4	7.05	27.89	1	3	158	27	3	0	1
18	8	6.89	26.25	1	2	183	20	4	0	1
19	9	11.46	26.25	1	3	208	38.5	2	0	0
20	9	5.71	24.61	1	3	213	26	2	0	0
21	9	4.69	26.25	1	2	202	8.5	3	0	4
22	9	6.38	34.45	1	3	238	3.5	2	0	0
23	9	9.53	32.81	1	3	238	20	2	0	0
24	8	7.09	34.45	1	3	238	41.5	2	0	1
25	8	16.69	41.01	10	3	252	41	1	0	1
26	9	5.87	34.45	1	3	274	24.5	3	0	4
27	9	7.8	34.78	1	3	278	24.5	2	0	0
28	9	6.54	34.45	1	3	277	31	2	0	0
29	8	6.5	29.53	1	3	276	46	2	0	1
30	9	6.93	34.45	1	3	288	39	2	0	0
31	9	7.32	36.09	1	3	292	40.5	2	0	0
32	9	8.27	29.53	1	3	295	40	3	0	4
33	9	7.99	35.43	1	3	316	17.5	1	0	0
34	9	7.13	36.74	1	3	322	18	1	0	0
35	9	11.46	36.09	1	3	316	35.5	2	0	0
36	9	8.94	36.09	1	3	331	26	1	0	0
37	9	7.6	37.07	1	3	338	35.5	1	0	0
38	8	8.62	37.73	1	3	360	32.5	2	0	1
39	8	7.95	34.45	1	2	5	30.5	3	0	1
40	8	6.3	34.45	1	3	5	34.5	3	0	1
41	9	10.16	32.81	1	2	0.5	44	4	0	3
42	8	6.02	31.17	1	2	9	32.5	3	0	1
1	9	2.4	25	1		0	0			
2	9	2.8	20	1		0	0			
3	9	34.7	34	1		132	29			
4	9	2.8	18	1		0	0			
5	9	4.0	33	1		232	24			
6	9	8.2	30	1		52	39			
7	9	2.4	13	1		0	0			
8	9	5.1	23	1		212	17			
9	9	3.7	23	1		238	15			
10	9	2.8	16	1		0	0			
11	9	7.1	30	1		90	45			
12	9	3.4	25	1		8	19			
13	9	0.8	13	1		322	37.5			
14	9	5.0	23	1		266	38			
15	9	5.0	25	1		196	44			
16	9	10.0	30	1		84	40			
17	9	5.5	20	1		224	18			
18	9	14.6	30	1		62	32			
19	9	9.6	33	1		26	30			
20	9	3.0	25	1		14	43.5			
21	9	2.9	21	1		122	39			
22	9	2.1	18	1		226	27			
23	9	4.7	34	1		98	45			
24	9	4.7	28	1		264	44			
25	9	2.6	28	1		226	9			
26	9	4.1	31	1		44	18.5			
27	9	2.6	30	1		250	25			
28	9	3.6	16	1		202	6			
29	9	2.4	13	1		168	18			
30	9	5.3	30	1		264	28			
31	9	8.4	36	1		126	42			
32	9	2.8	13	1		0	0			
33	9	1.5	11	1		230	23			
34	9	2.9	16	1		192	43			
35	9	2.4	26	1		324	40.5			
36	9	4.2	26	1		78	16			
37	9	3.0	20	1		0	0			
38	9	2.9	20	1		0	0			
39	9	3.6	26	1		214	33			
	4									
	4									

COAST LIVE OAK THINNING STUDY - 1989 DATA

TREE NUMB (1984)	OLD NUMB	NEW TREE NUMB	SPEC CODE	DBH (IN)	NEW HT (FT)	VIGOR CODE	AZ (DEG)	HORZ DIST	CROWN CLASS	PLOT 6-2 NOTES & REMARKS
1	1	101	9	19.5	41.19	2	36	47.5	2	
2	2	102	9	9.6	7	3	40	34.5	4	BT
3	3	103	8	5.9	36.41	3	44	43.5	3	
4	4	104	9	14.3	42.87	2	48	27.5	2	
5	5	105	9	9.7	42.87	2	74	3.5	2	CB
6	6	106	9	11.2	42.87	3	113	4	2	CB
7	7	107	9	8.6	39.77	3	62	16.5	2	BN,CB
8	8	108	9	10.7	40.23	2	63	34	2	
9	9	109	9	10.9	40.41	2	65	34	2	
10	10	110	9	10	42.52	3	67	33	2	
11	11	111	9	5.7	37.91	3	92	15.5	2	
12	12	112	8	4.9	32.45	3	100	35	3	
13	13	113	8	7.2	37.27	2	102	40	2	
14	14	114	9	8.3	38.77	3	117	42.5	2	
15	15	115	4	9.6	42.23	2	146	42	1	
16	16	116	4	5.3	37.95	1	462	48.5	2	
17	17	117	4	7.4	36.45	2	158	27	2	
18	18	118	8	7.3	33.13	2	183	20	3	
19	19	119	9	11.9	35.13	3	208	38.5	2	
20	20	120	9	6.9	35.81	2	213	26	2	
21	21	121	9	4.9	34.13	3	202	8.5	2	
22	22	122	9	6.9	40.23	3	238	3.5	2	
23	23	123	9	10	40.41	2	238	20	2	CB
24	24	124	8	8	38.73	2	238	41.5	2	
25	25	125	8	17.8	46.51	2	252	41	1	
26	26	126	9	6.7	41.23	2	276	24.5	2	
27	27	127	9	8.9	40.39	2	278	24.5	2	
28	28	128	9	7.4	39.73	3	277	31	2	
29	29	129	8	7.4	38.77	3	276	46	2	
30	30	130	9	7.5	40.23	3	288	39	2	
31	31	131	9	8.2	40.05	3	292	40.5	2	CB
32	32	132	9	8.5	38.77	3	295	40	2	CB
33	33	133	9	9.1	42.22	2	316	17.5	2	
34	34	134	9	8.2	42.37	3	322	18	2	
35	35	135	9	12.1	41.55	2	316	35.5	2	
36	36	136	9	10	41.05	3	331	26	2	
37	37	137	9	8.2	43.04	3	338	35.5	2	
38	38	138	8	9.1	41.37	3	360	32.5	2	
39	39	139	8	8.1	38.73	3	5	32.5	3	
40	40	140	8	6.4	38.23	2	5	34.5	3	
41	41	141	9	10.1	37.91	3	0	46	3	
42	42	142	8	6	38.09	3	9	32.5	2	
1						99				
2						99				
3		48	9	35.7	39	3	132	29	1	
4						99				
5		60	9	4.6	30	3	232	24	3	
6		40	9	8.8	37.5	3	52	39	1	
7						99				
8		54	9	5.7	31	3	212	17	2	
9		57	9	4.3	19.5	3	238	15	3	
10						99				
11		44	9	7.7	31.5	3	90	45	2	
12		36	9	4	25	3	8	19	3	
13		34	9	1.3	12.5	3	322	37.5	4	
14		63	9	5.6	33.5	3	266	38	2	
15		53	8	5.6	27.5	3	196	53	2	
16		43	9	10.7	32	3	84	40	1	
17		56	9	6.1	31	3	224	18	2	
18		41	9	15.5	38	3	62	32	1	
19		38	9	10.3	37	3	26	30	2	
20		37	8	3.6	21.5	3	14	52	3	
21		46	4	3.5	21	1	122	39	3	
22		58	9	2.7	21	3	226	27	3	
23		45	9	5.3	29	3	98	47	3	
24		64	9	5.3	32.5	3	264	49.5	1	
25		51	9	3.2	30	3	226	9	2	
26		39	9	4.7	33.5	3	44	18.5	2	
27		61	9	3.2	25	3	250	25	4	
28		50	9	4.2	23	3	202	6	3	
29		49	8	3	15.5	3	168	18	4	
30		62	9	5.9	35	2	264	28	2	
31		47	4	9.1	40.5	2	126	42	1	
32						99				
33		59	9	2.1	10.5	3	230	23	4	
34		52	8	3.5	15	3	192	51.5	3	
35		35	9	3	27	3	324	40.5	3	
36		42	9	4.8	30.5	3	78	16	3	
37						99				
38						99				
39		55	9	4.2	26	3	214	33	3	

COAST LIVE OAK THINNING STUDY - 1996 DATA

TREE NUMB (1984)	1989 NUMB	1996 NUMB	DBH (IN)	HT (FT)	VIGOR CODE	CROWN CLASS	PLOT 6-2 NOTES & REMARKS
1	101	101	19.7	40.3	2	2	
2	102	102	10.1	7.0	3	4	1984 dbh; 198
3	103	103	5.9	34.6	3	3	1989 dbh
4	104	104	16.7	40.3	2	2	
5	105	105	10.6	39.8	2	2	
6	106	106	12.8	40.3	3	2	
7	107	107	9.8	34.6	3	2	
8	108	108	12.5	37.3	2	2	
9	109	109	12.0	36.6	2	2	
10	110	110	10.7	41.3	3	2	
11	111	111	5.7	35.4	3	2	1989 dbh
12	112	112	5.0	30.2	3	3	
13	113	113	7.6	33.4	2	2	
14	114	114	8.6	34.1	3	2	
15	115	115	10.4	38.3	2	1	
16	116	116	5.6	32.9	1	2	
17	117	117	7.9	32.2	2	2	
18	118	118	7.9	29.7	2	3	
19	119	119	12.5	30.7	3	2	
20	120	120	8.6	30.2	2	2	
21	121	121	5.2	30.2	3	2	
22	122	122	7.6	37.3	3	2	
23	123	123	10.7	36.6	2	2	
24	124	124	9.3	36.6	2	2	
25	125	125	19.4	43.8	2	1	
26	126	126	7.9	37.8	2	2	
27	127	127	10.4	37.6	2	2	
28	128	128	8.6	37.1	3	2	
29	129	129	8.7	34.1	3	2	
30	130	130	8.3	37.3	3	2	
31	131	131	9.4	38.1	3	2	
32	132	132	8.8	34.1	3	2	
33	133	133	10.7	38.8	2	2	
34	134	134	9.7	39.6	3	2	
35	135	135	13.0	38.8	2	2	
36	136	136	11.5	38.6	3	2	
37	137	137	9.0	40.1	3	2	
38	138	138	9.8	39.5	3	2	
39	139	139	8.3	36.6	3	3	
40	140	140	6.5	36.3	2	3	
41	141	141	10.1	35.4	3	3	1989 dbh
42	142	142	6.0	34.6	3	2	1989 dbh
1					99		
2					99		
3	48	48	37.1	36.5	3	1	
4					99		
5	60	60	5.4	31.5	3	3	
6	40	40	9.7	33.8	3	1	
7					99		
8	54	54	6.5	27.0	3	2	
9	57	57	5.1	21.3	3	3	
10					99		
11	44	44	8.6	30.8	3	2	
12	36	36	4.8	25.0	3	3	
13	34	34	2.1	12.8	3	4	
14	63	63	6.4	28.3	3	2	
15	53	53	6.4	26.3	3	2	
16	43	43	11.6	31.0	3	1	
17	56	56	7.0	25.5	3	2	
18	41	41	16.8	34.0	3	1	
19	38	38	11.2	35.0	3	2	
20	37	37	4.4	23.3	3	3	
21	46	46	4.3	21.0	1	3	
22	58	58	3.5	19.5	3	3	
23	45	45	6.1	31.5	3	3	
24	64	64	6.1	30.3	3	1	
25	51	51	4.0	29.0	3	2	
26	39	39	5.5	32.3	3	2	
27	61	61	4.0	27.5	3	4	
28	50	50	5.0	19.5	3	3	
29	49	49	3.8	14.3	3	4	
30	62	62	6.8	32.5	2	2	
31	47	47	10.0	38.3	2	1	
32					99		
33	59	59	2.9	10.8	3	4	
34	52	52	4.3	15.5	3	3	
35	35	35	3.8	26.5	3	3	
36	42	42	5.6	28.3	3	3	
37					99		
38					99		
39	55	55	5.0	26.0	3	3	

COAST LIVE OAK THINNING STUDY - 2001 DATA

TREE NUMB (1984)	2001 NUMB	SPEC CODE	DBH (IN)	HT (FT)	IND CODE	VIGOR CODE	AZM (DEG)	HORZ DIST	CROWN CLASS	CUT CODE	PLOT 6-2 NOTES & REMARKS
1	101	9	21.4	41	1	1	36	47.5	2	0	CB
2	102					100					CUT IN HARVEST
3	103					99					DEAD
4	104	9	17.2	44.7	1	1	48	27.5	1	0	Y
5	105					100					CUT IN HARVEST
6	106	9	13.3	48	1	2	113	4	2	0	SS,Y,SB
7	107					100					CUT IN HARVEST
8	108					99					DEAD
9	109					99					DEAD
10	110					100					CUT IN HARVEST
11	111					100					CUT IN HARVEST
12	112					100					CUT IN HARVEST
13	113					100					CUT IN HARVEST
14	114	9	9	34.1	1	2	117	42.5	2	0	CB,SS
15	115	4	11.5	44	1	1	146	42	2	0	DOUBLE TAGGED AS TREE #47, DATA RECORDED AS TREE # 115
16	116	4	6.2	35	1	1	462	45	2	0	BAY
17	117					100					CUT IN HARVEST
18	118					100					CUT IN HARVEST
19	119					100					CUT IN HARVEST
20	120					100					CUT IN HARVEST
21	121					100					CUT IN HARVEST
22	122					100					CUT IN HARVEST
23	123					100					CUT IN HARVEST
24	124					100					CUT IN HARVEST
25	145	8	18.5	35	10	3	130	40	1	0	Old # was 125; retagged,old tag burnt off) almost dead
26	126					100					CUT IN HARVEST
27	127					100					CUT IN HARVEST
28	128					100					CUT IN HARVEST
29	129	8	10	42	1	2	276	46	1	0	MADRONE
30	130					100					CUT IN HARVEST
31	131					100					CUT IN HARVEST
32	132					100					CUT IN HARVEST
33	133	9	12	46	1	2	316	17.5	1	0	
34	134					100					CUT IN HARVEST
35	135					100					CUT IN HARVEST
36	136					100					CUT IN HARVEST
37	137	9	9.4	43	1	2	338	35.5	2	0	SS,SB
38	138	8	10.1	41.7	1	1	360	32.5	2	0	MADRONE,BI,Y,SB
39	139	8	8.5	38	1	2	5	30.5	2	0	MADRONE,SB,BI,Y
40	140	8	6.8	37	1	3	5	34.5	4	0	MADRONE,SB,Y,BI
41	141	9	10.1	36	1	3	0.5	44	4	0	SS
42	142					100					CUT IN HARVEST
1											
2	48	9	37.1	43	1	1	0	0	1	0	
3											
4	60					100					CUT IN HARVEST
5	40					100					CUT IN HARVEST
6											
7	54					100					CUT IN HARVEST
8	57					100					CUT IN HARVEST
9											
10											
11	44					100					CUT IN HARVEST
12	36					100					CUT IN HARVEST
13	34					100					CUT IN HARVEST
14	63					100					CUT IN HARVEST
15	53					100					CUT IN HARVEST
16	43					100					CUT IN HARVEST
17	56					100					CUT IN HARVEST
18	41					100					CUT IN HARVEST
19	38	9	11.2	35	1	3	26	30	2	0	SB,Y,SS
20	37					100					CUT IN HARVEST
21	46	9	5.4	34	1	1	122	39	2	0	
22	58					100					CUT IN HARVEST
23	45	9	6.3	32	1	3	98	45	4	0	TRUNK INJURY
24	64					100					CUT IN HARVEST
25	51					100					CUT IN HARVEST
26	39					100					CUT IN HARVEST
27	61					100					CUT IN HARVEST
28	50					100					CUT IN HARVEST
29	49					100					CUT IN HARVEST
30	62					100					CUT IN HARVEST
31	47										DOUBLE TAGGED, DATA RECORDED ON TREE #115
32											
33	59					100					CUT IN HARVEST
34	52					100					CUT IN HARVEST
35	35	9	3.9	20	1	3	324	40.5	4	0	DT,Y,SS, SB
36	42					100					CUT IN HARVEST
37											
38											
39	55					100					CUT IN HARVEST
	143	4	6	36	1	1	132	55.3	2	0	bay (new competition)
	144	4	4.4	34	1	1	134	55.3	3	0	bay (new competition)

		COAST LIVE OAK THINNING STUDY - 1984 DATA											COAST LIVE OAK THINNING STUDY - 1989 DATA										COAST LIVE OAK THINNING STUDY - 1996 DATA								COAST LIVE OAK THINNING STUDY - 2001DATA									
									OLD	FINAL			NEW				NEW				PLOT 6-3								PLOT 6-3											PLOT 6-3
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT	OLD		TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	2001	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE	NUMB		NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	8.39	32.81	1	3	37	27	2	0	0	1		1	9	9	40.91	2	37	27	2		1	1	9.9	36.9	2	2		1					100					Harvested
2	9	10.59	36.42	1	3	40	25	1	0	0	2		2	9	11.4	41.21	2	40	25	2	Y	2	2	12.5	38.8	2	2		2					100					Harvested
3	9	7.87	27.89	1	3	46	33	2	0	0	3		3	9	8.1	37.95	3	46	33	2		3	3	8.4	32.9	3	2		3					100					Harvested
4	9	7.6	42.65	1	3	46	19.5	1	0	0	4		4	9	8.8	42.83	3	46	19.5	2		4	4	10.5	42.7	3	2		4					100					Harvested
5	9	6.57	27.89	1	2	60	16	4	1	1																													
6	9	9.21	37.73	1	3	62	17	2	0	0	6		5	9	10	43.87	2	62	17	2		5	5	11.1	40.8	2	2		5	9	13	41.3	1	2	62	17	1	0	SS
7	9	9.09	36.74	1	3	68	35	2	0	0	7		6	9	9.7	40.87	3	68	35	2	CB	6	6	10.6	38.8	3	2		6					100					Harvested
8	9	8.78	38.39	1	3	67	39	2	0	0	8		7	9	8.6	43.2	3	67	39	2		7	7	8.6	40.8	3	2	Used 1989 dbh	7					100					Harvested
9	9	10.71	40.35	1	3	69	39	1	0	0	9		8	9	12.5	46.18	2	69	39	1		8	8	15.0	43.3	2	1		8					100					Harvested
10	9	6.89	39.37	1	3	69	14.5	2	0	0	10		9	9	7.8	41.19	3	69	14.5	2		9	9	9.1	40.3	3	2		9					100					Harvested
11	9	8.03	33.79	1	3	79	15.5	2	0	0	11		10	9	8.4	39.9	3	79	15.5	2		10	10	8.9	36.8	3	2		10					100					Harvested
12	9	8.07	37.73	1	3	99	39.5	1	0	0	12		11	9	8.7	42.87	2	99	39.5	1	CB	11	11	9.6	40.3	2	1		11					100					Harvested
13	9	9.45	27.89	1	3	100	43.5	2	0	0	13		12	9	10.1	38.95	3	100	43.5	3	CB	12	12	11.0	33.4	3	3		12					100					Harvested
14	9	9.41	29.53	1	3	102	39.5	2	0	0	14		13	9	10.2	36.27	3	102	39.5	2	CB	13	13	11.3	32.9	3	2		13					100					Harvested
15	9	7.48	31.17	1	3	104	39.5	3	0	4																													
16	9	9.21	37.07	1	3	108	34.5	1	0	0	16		14	9	9.8	41.54	3	108	34.5	2	S	14	14	10.6	39.3	3	2		14					100					Harvested
17	9	6.5	39.37	1	3	116	28	1	0	0	17		15	9	7	40.19	3	116	28	2		15	15	7.7	39.8	3	2		15					100					Harvested
18	9	4.13	24.61	1	2	122	25	4	1	1																													
19	9	12.32	39.37	1	3	122	43	1	0	0	19		16	9	13.3	46.19	3	122	43	1		16	16	14.7	42.8	3	1		16	9	15.6	43.5	1	2	122	43	1	0	CB
20	9	8.54	32.81	1	3	136	42.5	2	0	0	20		17	9	8.7	43.91	3	136	42.5	2		17	17	8.9	38.4	3	2		17					100					Harvested
21	9	10.24	41.67	1	3	138	22.5	1	0	0	21		18	9	10.7	45.34	3	138	22.5	2		18	18	11.3	43.5	3	2		18					100					Harvested
22	9	7.32	37.4	1	3	139	35.5	1	0	0	22		19	9	8.2	41.7	3	139	35.5	2		19	19	9.4	39.6	3	2		19					100					Harvested
23	9	8.86	37.4	1	3	141	36	1	0	0	23		20	9	9.6	42.2	3	141	36	2		20	20	10.6	39.8	3	2		20					100					Harvested
24	9	12.24	40.35	1	3	151	40.5	1	0	0	24		21	9	13.3	42.18	2	151	40.5	1	YD	21	21	14.8	41.3	2	1		21					100					Harvested
25	9	5.87	28.87	1	3	166	36	3	0	4																													
26	9	8.62	26.25	1	3	172	28	1	0	0	26		22	9	10.2	32.13	2	172	28	3		22	22	12.4	29.2	2	3		22					100					Harvested
27	9	9.29	37.73	1	3	171	16.5	1	0	0	27		23	9	10.4	40.37	3	171	16.5	2		23	23	12.0	39.0	3	2		23					100					Harvested
28	9	9.57	42.65	1	3	180	7	2	0	0	28		24	9	10.9	43.83	2	180	7	3		24	24	12.8	43.2	2	3		24					100					Harvested
29	9	6.61	40.03	1	3	190	5.5	2	0	0	29		25	9	7.8	44.52	3	190	5.5	3		25	25	9.5	42.3	3	3		25					100					Harvested
30	9	8.35	32.15	1	3	198	20.5	2	0	0	30		26	9	8.7	40.08	3	198	20.5	2		26	26	9.2	36.1	3	2		26					100					Harvested
31	4	5.79	25.26	1	2	213	55	3	0	1																													
32	9	6.02	41.01	1	3	238	36	3	0	4																													
33	9	7.95	37.73	1	3	241	43.5	2	0	0	33		27	9	9.6	41.87	3	241	43.5	2		27	27	11.9	39.8	3	2		27					100					Harvested
34	9	14.09	37.73	1	3	250	31.5	1	0	0	34		28	9	15.9	47.87	2	250	31.5	2	CB	28	28	18.4	42.8	2	2		28	9	21	56	1	1	250	31.5	1	0	CB
35	9	6.57	29.53	1	3	253	39	3	0	4																													
36	9	6.97	32.81	1	3	252	47.2	2	0	0	36		29	9	7.3	38.41	2	252	48.2	3		29	29	7.8	35.6	2	3		29					100					Harvested
37	9	10.98	38.39	1	3	262	32	2	0	0	37		30	9	12	42.2	3	262	32	2		30	30	13.4	40.3	3	2		30					100					Harvested
38	9	8.07	32.81	1	3	264	31	2	0	0	38		31	9	8.8	40.91	3	264	31	2		31	31	9.8	36.9	3	2		31					100					Harvested
39	9	9.57	33.79	1	3	280	46.5	1	0	0	39		32	9	10.5	38.4	2	280	47	2		32	32	11.8	36.1	2	2		32	9	12.4	37.2	1	2	280	46.5	2	0	
40	9	7.13	36.74	1	3	285	47.5	2	0	0	40		33	9	8	41.87	2	285	48	2		33	33	9.2	39.3	2	2		33	9	9.8	43.6	1	2	285	47.5	2	0	SS
41	9	10.08	36.74	1	3	302	53.5	1	0	0	41		34	9	11.1	43.87	2	302	54	2		34	34	12.5	40.3	2	2		34	9	13.3	47.3	1	2	302	53.5	2	0	
42	9	16.38	42.65	1	3	313	62	1	0	0	42		35	9	17.1	46.33	3	313	63	1		35	35	18.1	44.5	3	1		35	9	18.1	52.8	1	1	313	62	2	0	
43	9	9.33	33.46	1	3	318	43	2	0	0	43		36	9	10.4	41.73	3	318	43	2		36	36	11.9	37.6	3	2		36	9	11.9	38	1	2	318	43	2	0	
44	9	9.8	36.09	1	3	320	42	2	0	0	44		37	9	10.5	42.05	3	320	42	2	S	37	37	11.5	39.1	3	2		37	9	11.7	40.1	1	2	320	42	2	0	
45	9	9.13	35.76	1	3	318	16.5	2	0	0	45		38	9	9.6	40.88	3	318	16.5	2		38	38	10.3	38.3	3	2		38					100					Harvested
46	9	9.37	31.5	1	3	317	18	1	0	0	46		39	9	10	39.75	3	317	18	2		39	39	10.9	35.6	3	2		39					100					Harvested
47	9	9.76	34.45	1	3	321	32	3	0	4																													
48	9	10.55	35.43	1	3	319	32	2	0	0	48		40	9	11.2	40.72	2	323	32	2		40	40	12.1	38.1	2	2		40	9	13	43.4	1	2	319	32	2	0	Y
49	9	9.45	35.43	1	3	328	32	2	0	0	49		41	9	11.6	42.72	2	325	32	2		41	41	14.6	39.1	2	2		41	9	12.7	43.5	1	2	328	32	2	0	YD, CHECKED DBH
50	9	8.94	33.46	1	3	11	33.5	3	0	0	50		42	9	9.6	39.23	2	11	33.5	2		42	42	10.5	36.3	2	2		42					100					Harvested
1	9	5	23	1		0	0			1	0		0	0	0	0		0	0	0									67	9	2.6	10.3	1	1	242	46.5	3	0	
2	9	6.1	23	1		0	0			1	0		0	0	0	0		0	0	0																		
3	9	6.8	23	1		0	0			1	0		0	0	0	0		0	0	0																		
4	9	4.4	21	1		0	0			1	0		0	0	0	0		0	0	0																		
5	9	3.5	16	1		0	0			1	0		0	0	0	0		0	0	0																		
6	9	3.4	16	1		0	0			1	0		0	0	0	0		0	0	0																		
7	9	5.2	20	1		0	0			1	0		0	0	0	0		0	0	0																		
8	9	5	20	1		0	0			1	0		0	0	0	0		0	0	0																		
9	9	7	33	1		0	0			1	0		0	0	0	0		0	0	0																		
10	9	2.6	13	1		0	0			1	0		0	0	0	0		0	0	0																		
11	9	5.7	18	1		0	0			1	0		0	0	0	0		0	0	0																		
12	9	3.4	10	1		0	0			1	0		0	0	0	0		0	0	0																		
13	9	5.5	28	1		0	0			1	0		0	0	0	0		0	0	0																		
14	9	3.1	18	1		0	0			1	0		0	0	0	0		0	0	0																		
15	9	4.2	18	1		0	0			1	0		0	0	0	0		0	0	0																		
16	9	4.8	20	1		0	0			1	0		0	0	0	0		0	0	0																		
17	9	4.7	21	1		0	0			1	0		0	0	0	0		0	0	0																		
18	9	4.6	23	1		0	0			1	0		0	0	0	0		0	0	0																		
19	9	4.5	21	1		0	0			1	0		0	0	0	0		0	0	0																		
20	9	4.6	25	1		0	0			1	0		0	0	0	0		0	0	0																		
21	9	5.2	25	1		0	0			1	0		0	0	0	0		0	0	0																		
22	9	5.3	26	1		0	0			1	0		0	0	0	0		0	0	0																		
23	9	5.4	25	1		0	0			1	0		0	0	0	0		0	0	0																		
24	9	5	25	1		0	0			1	0		0	0	0	0		0	0	0																		
25	9	5.6	26	1		0	0			1	0		0	0	0	0		0	0	0																		
26	9	6.5	31	1		0	0			1	0		0	0	0	0		0	0	0																		
27	9	5.6	30	1		0	0			1	0		0	0	0	0		0	0	0																		
28	9	6.4	25	1		0	0			1	0		0	0	0	0		0	0	0																		
29	9	9.2	28	1		0	0			1	0		0	0	0	0		0	0	0																		
30	9	3.7	21	1		0	0			1	0		0	0	0	0		0	0	0																		
31	9	4.1	16	1		0	0			1	0		0	0	0	0		0	0	0																		
32	9	5.2	28	1		0	0			1	0		0	0	0	0		0	0	0																		
33	9	6.5	26	1		0	0			1	0		0	0	0	0		0	0	0																		

34	9	4.4	18	1		0	0			1	0	0	0	0		0	0	0	0
35	9	4.6	23	1		0	0			1	0	0	0	0		0	0	0	0
36	9	4.6	23	1		0	0			1	0	0	0	0		0	0	0	0
37	9	5.7	25	1		0	0			1	0	0	0	0		0	0	0	0
38	9	8.9	33	1		0	0			1	0	0	0	0		0	0	0	0
39	9	7.8	28	1		0	0			1	0	0	0	0		0	0	0	0
40	9	3.6	25	1		0	0			1	0	0	0	0		0	0	0	0
41	9	5.5	36	1		0	0			1	0	0	0	0		0	0	0	0
42	9	3.6	26	1		0	0			1	0	0	0	0		0	0	0	0
43	9	4.4	26	1		0	0			1	0	0	0	0		0	0	0	0
44	9	4.5	16	1		0	0			1	0	0	0	0		0	0	0	0
45	9	4.4	25	1		0	0			1	0	0	0	0		0	0	0	0
46	9	8.9	33	1		0	0			1	0	0	0	0		0	0	0	0
47	9	5	23	1		0	0			1	0	0	0	0		0	0	0	0
48	9	5.9	28	1		0	0			1	0	0	0	0		0	0	0	0
49	9	3.1	11	1		0	0			1	0	0	0	0		0	0	0	0

		COAST LIVE OAK THINNING STUDY - 1984 DATA										COAST LIVE OAK THINNING STUDY - 1989 DATA									COAST LIVE OAK THINNING STUDY - 1996 DATA							COAST LIVE OAK THINNING STUDY - 2001 DATA									
									OLD	FINAL			NEW			NEW					PLOT 7-1							PLOT 7-1									PLOT 7-1
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT	OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	2001	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE	NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	9.57	24.61	1	3	320	52	2	0	0	1	1	9	10.3	29	3	320	52	2	CB	1	1	10.0	29	3	1	CB, MISSING BAR	1	9	10.2	33	1	2	320	52	2	0	CB, MISSING BARK
2	9	8.23	29.2	1	3	325	31	2	0	0	2	2	9	8.9	30	3	325	31	2	CB	2	2	9.0	30	3	2		2	9	9.1	32	1	2	325	31	2	0	
3	9	6.54	22.97	1	3	336	41	3	0	0	3	3	9	6.6	28	3	336	41	2		3	3	7.0	28	3	2		3	9	7.2	32	1	2	336	41	2	0	SS
4	9	7.01	26.9	1	3	351	38	1	0	0	4	4	9	7.5	30	3	351	38	2		4	4	8.4	30	2	3		4	9	9.0	35	1	2	351	38	2	0	SS
5	9	5.59	19.03	1	3	359	41	4	1	1																												
6	9	8.62	29.86	1	3	332	35	1	0	0	6	5	9	9	33	2	332	35	2	CB	5	5	9.8	33	2	3		5	9	10.2	37	1	2	332	35	2	0	SS,CB
7	9	6.46	6.56	1	1	32	43	4	4	4																												
8	9	8.5	24.61	1	3	45	31	2	0	0	8	6	9	8.6	25	3	45	31	2		6	6	9.1	25	2	2	CB	6	9	9.4	28	1	2	45	31	2	0	
9	9	8.27	27.23	1	3	47	60	2	0	0	9	7	9	8.9	25	3	47	60	2	SP	7	7	8.9	25	3	3		7	9	9.1	25	1	2	47	60	2	0	SS
10	9	7.72	22.97	1	3	50	38.5	2	0	0	10	8	9	7.8	27	3	50	38.5	2		8	8	8.8	27	3	3		8	9	9.0	27	1	2	50	38.5	3	0	SS
11	9	9.17	23.62	1	3	52	30.5	1	0	0	11	9	9	9.3	25	3	52	30.5	2		9	9	9.6	25	3	2		9	9	10.0	27	1	2	52	30.5	2	0	SS
12	9	7.52	25.92	1	3	59	26.5	2	0	0	12	10	9	7.7	37	3	59	26.5	2	DT	10	10	8.0	37	3	3		10	9	8.4	37	1	2	59	26.5	3	0	
13	9	6.5	26.9	1	2	73	47.5	3	0	0	13	11	9	6.5	27	3	73	47.5	2		11	11	6.7	27	3	4		11	9	6.7	30	1	3	73	47.5	3	0	SS
14	9	6.77	26.9	1	3	79	46.5	2	0	0	14	12	9	7.1	37	3	79	46.5	2		12	12	7.6	37	3	2		12	9	8.2	35	1	3	79	46.5	2	0	SS
15	9	5.94	26.57	1	2	77	46.5	3	0	0	15	13	9	6.1	32	3	77	46.5	2		13	13	6.5	32	3	3		13	9	6.9	31	1	3	77	46.5	2	0	SS
16	9	14.25	29.86	1	3	82	45.5	1	0	0	16	14	9	14.5	40	2	80	46.5	2		14	14	15.1	40	2	2		14	9	15.7	33	1	2	82	45.5	2	0	SS
17	9	5.39	20.34	1	2	100	38.5	3	0	0	17	15	9	5.3	25	3	100	38.5	3		15	15	5.4	25	3	4	DT	15					99					DEAD
18	9	9.02	30.84	1	3	104	19.5	2	0	0	18	16	9	9.3	35	3	106	19.5	2		16	16	10.0	35	2	2		16	9	10.8	42	1	2	104	19.5	3	0	SS,CB
19	9	10.28	32.15	1	3	110	19.5	1	0	0	19	17	9	10.7	35	3	108	19.5	2		17	17	11.5	35	2	2		17	9	12.1	41	1	2	110	19.5	2	0	SS
20	9	8.03	23.95	1	3	110	43	2	0	0	20	18	9	8.1	30	1	110	43	2		18	18	8.8	30	2	3		18	9	8.9	30	1	2	110	43	3	0	SS
21	9	13.62	24.93	1	2	116	51	2	0	0	21	19	9	13.9	34	3	116	51	2		19	19	14.0	34	3	2	CB	19	9	14.2	33	1	2	116	51	2	0	SS,CB
22	9	14.13	24.93	1	3	118	50	2	0	0	22	20	9	14.2	36	3	118	52	2		20	20	14.5	36	3	2	CB	20	9	14.9	31	1	2	118	50	2	0	SS,CB
23	9	3.62	19.68	1	3	124	33	3	4	4																												
24	9	11.89	28.54	1	3	125	4.5	1	0	0	24	21	9	12.5	27	3	125	4.5	2	CB	21	21	12.8	27	3	2	CB, BI	21	9	12.5	31	1	2	125	4.5	3	0	CB,BI,SS
25	9	15.28	29.2	1	3	134	46	1	0	0	25	22	9	15.5	35	3	134	46	2	CB,SP	22	22	16.2	35	3	2	CB	22	9	16.8	31	1	2	134	46	2	0	CB,SS
26	9	10.59	26.9	1	3	175	37	3	0	0	26	23	9	10.9	32	3	175	37	2		23	23	10.9	32	3	2		23	9	10.9	28	1	2	175	37	3	0	SS
27	9	12.68	33.46	1	3	194	34	1	0	0	27	24	9	12.9	40	2	194	34	2	SP	24	24	13.2	40	2	2		24	9	13.3	40	1	2	194	34	3	0	CB,SS
28	9	6.3	22.31	1	3	203	37.5	4	4	4																												
29	9	16.85	34.12	1	3	212	39	1	0	0	29	25	9	17.3	41	3	212	39	1		25	25	17.9	41	3	2		25	9	18.8	43	1	1	212	39	1	0	CB,SS
30	9	11.5	26.25	1	3	217	39	3	4	4																												
31	9	6.65	23.62	1	2	234	25.5	4	1	1																												
32	9	4.53	21.33	1	3	235	51.5	3	0	0	32	26	9	4.8	28	3	235	51.5	3		26	26	5.5	28	3	3	CB	26	9	5.9	25	1	2	235	51.5	3	0	SS
33	9	7.13	25.59	1	3	247	38.5	3	0	0	33	27	9	7.2	27	3	247	38.5	2		27	27	7.6	27	3	3		27	9	7.7	25	1	2	247	38.5	4	0	SS
34	9	10.28	33.79	1	3	254	38	1	0	0	34	28	9	10.4	44	3	254	38	2		28	28	10.6	44	3	2	BI	28	9	10.7	35	1	2	254	38	2	0	SS
35	9	5.2	24.28	1	3	258	39.5	3	0	0	35	29	9	5.4	20	2	258	39.5	2		29	29	5.5	20	2	4		29	9	5.6	22	1	3	258	39.5	3	0	SS
36	9	10.55	35.43	1	3	267	17	2	0	0	36	30	9	11	45	2	267	17	2		30	30	11.5	45	2	2	CB	30	9	11.5	45	1	2	267	17	2	0	SS
37	9	9.61	35.1	1	3	267	14.5	2	0	0	37	31	9	9.6	42	2	267	14.5	2		31	31	9.8	42	2	2	CB	31	9	9.9	42	1	2	267	14.5	3	0	SS
38	9	18.58	37.73	1	3	303	16.5	1	0	0	38	32	9	19	40	3	303	16.5	1		32	32	19.2	40	3	1		32	9	19.8	43	1	1	303	16.5	2	0	SS
39	9	10.16	21.98	1	2	303	19.5	4	4	4																												
40	9	6.26	21.65	1	3	303	43	3	0	0	40	33	9	7	23	2	303	43	2		33	33	7.7	23	2	2		33	9	8.4	25	1	2	303	43	2	0	CB,SS
41	9	6.85	27.23	1	3	269	27	3	0	0	41	34	9	7.2	19	3	267	30.5	3		34	34	7.2	19	3	4	BT	34	9	7.3	22	1	3	269	27	4	0	BT,SS
42	9	10.59	25.59	1	2	272	35	2	0	0	42	35	9	10.7	10	3	272	35	4	BT	35	35			99		DEAD	35					99					DEAD
1	9	6.8	11	1					1	1																												
2	9	7.6	18	1					1	1																												
3	9	4.7	13	1					1	1																												
4	9	4.7	26	1					1	1																												
5	9	3.9	7	1					1	1																												
6	9	3.5	13	1					1	1																												
7	9	7.9	13	1					1	1																												
8	9	7.9	13	1					1	1																												
9	9	3.5	16	1					1	1																												
10	9	5.1	23	1					1	1																												
11	9	6.1	26	1					1	1																												
12	9	4.7	15	1					1	1																												
13	9	4.7	20	1					1	1																												
14	9	5.9	7	1					1	1																												
15	9	4.3	13	1					1	1																												
16	9	3.9	15	1					1	1																												
17	9	2.4	7	1					1	1																												
18	9	7.8	20	1					1	1																												

		COAST LIVE OAK THINNING STUDY - 1984 DATA										COAST LIVE OAK THINNING STUDY - 1989 DATA										COAST LIVE OAK THINNING STUDY - 1996 DATA								COAST LIVE OAK THINNING STUDY - 2001 DATA									
									OLD	FINAL			NEW			NEW					PLOT 7-2							PLOT 7-2										PLOT 7-2
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT		OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	2001	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE		NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	7.01	28.87	1	3	55	43.5	3	0	4																													
2	9	9.49	34.45	1	3	63	39.5	3	0	4																													
3	9	11.1	27.89	1	3	66	40.5	1	0	0		3	36	9	11.4	28	2	66	40.5	2		36	36	12.3	28	3	2	CB	36	9	13.1	33	1	1	66	40.5	2	0	CB
4	9	7.48	27.23	1	2	73	42	3	0	4																													
5	9	6.06	29.53	1	3	104	10.5	2	0	4																													
6	9	7.64	19.36	1	2	120	38	3	0	4																													
7	9	9.13	20.34	1	3	124	36	2	0	4																													
8	9	14.41	25.59	1	2	136	50.5	1	0	0		8	37	9	14.9	30	2	136	50.5	1	DT	37	37	16.3	30	2	1	CB, BI	37	9	15.1	32	1	2	136	50.5	2	0	CB, BI,YD
9	9	7.01	26.25	1	2	161	46.3	3	0	4																													
10	9	6.22	26.25	1	3	162	45.3	3	0	4																													
11	9	9.17	27.89	1	3	162	43.2	3	3	4																													
12	9	8.46	27.89	1	2	166	43.2	4	3	3																													
13	9	10.16	29.53	1	2	192	18.5	4	0	3																													
14	9	11.89	31.17	1	3	199	37	1	0	0		14	38	9	12.1	37	2	199	37	1		38	38	12.9	37	3	1	CB	38	9	13.3	39	1	1	199	37	1	0	CB,SS
15	9	6.81	21.33	1	2	196	29.5	4	0	3																													
16	9	10.83	33.14	1	3	196	19	2	0	0		16	39	9	10.9	36	2	196	19	2		39	39	11.6	36	3	2	CB	39	9	12.9	38	1	1	196	19	2	0	CB
17	9	6.34	19.68	1	3	208	42.5	3	0	4																													
18	9	9.41	35.1	1	3	208	20	2	0	0		18	40	9	10.6	40	2	208	20	2		40	40	10.9	40	3	2	CB,BT	40	9	10.9	42	1	2	208	20	2	0	CB,BT
19	9	8.03	27.89	1	3	232	46.5	3	0	4																													
20	9	11.18	27.89	1	3	242	24	2	0	0		20	41	9	11.5	46	2	242	24	2	CB	41	41	12.4	46	3	2	CB, SS	41	9	13.0	46	1	1	242	24	2	0	CB, SS
21	9	9.8	37.73	1	3	243	25	2	0	5																													
22	9	7.91	27.89	1	3	263	31	3	0	4																													
23	9	14.09	41.01	10	3	267	30	1	0	0		23	42	9	14.2	33	3	267	30	1		42	42	15.5	33	3	1	CB,BI	42	9	16.4	35	10	1	267	30	2	0	CB,BI,YD
24	9	10.35	37.73	1	3	283	47	2	0	0		24	43	9	10.5	36	3	283	47	1		43	43	11.0	36	3	1	CB	43	9	11.3	40	1	2	283	47	1	0	CB,SS
25	9	10.16	29.53	1	3	294	48	3	0	4		CUT																											
26	9	17.56	44.29	1	3	302	29	1	0	0		26	44	9	17.9	43	3	302	29	2		44	44	18.3	43	3	1	BI	44	9	18.4	43	1	2	302	29	1	0	BI,Heart Rott, CONK
27	9	12.48	31.17	1	3	306	27	2	0	5																													
28	9	7.95	26.57	1	2	309	17	3	0	4		CUT																											
29	9	7.76	19.68	1	2	357	39.5	4	0	3																													
30	9	16.77	34.45	1	3	10	40	1	0	0		30	45	9	16.8	39	1	10	40	2		45	45	17.1	39	3	1	CB	45	9	17.5	40	1	1	10	40	2	0	CB,Y
31	9	7.91	26.25	1	3	15	38.5	4	0	3																													
32	9	16.77	41.01	1	3	28	24	1	0	0		32	46	9	17.9	40	2	28	24	2		46	46	18.3	40	2	2		46	9	19.6	42	1	1	28	24	2	0	CB
1	9	3.3	20	1						1																													
2	9	3.9	16	1						1																													
3	9	5.5	20	1						1																													
4	9	5.4	18	1						1																													
5	9	2.6	36	1						1																													
6	9	4.2	7	1						1																													
7	9	4.8	20	1						1																													
8	9	6	20	1						1																													
9	9	7.7	8	1						1																													
10	9	4.8	13	1						1																													
11	9	5.6	16	1						1																													
12	9	4.9	20	1						1																													
13	9	6	20	1						1																													
14	9	6.5	21	1						1																													
15	9	7	22	1						1																													

	COAST LIVE OAK THINNING STUDY - 1984 DATA											COAST LIVE OAK THINNING STUDY - 1989 DATA										COAST LIVE OAK THINNING STUDY - 1996 DATA								COAST LIVE OAK THINNING STUDY - 2001 DATA										
									OLD	FINAL			NEW			NEW					PLOT 7-3								PLOT 7-3											P
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT		OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	2001	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	N
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE		NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	R
1	9	10.2	33.46	1	3	40	38	2	0	0		1	101	9	10.4	50	3	40	38	2		101	101	10.7	50	3	1		101	9	11.1	50	1	1	40	38	2	0	CB
2	9	10.43	31.82	1	3	42	42	3	0	4		2	102	9	10.7	41	3	42	39	2		102	102	10.9	41	3	2		102	9	11.2	41	1	1	42	42	3	0	
3	9	10.35	43.63	1	3	44	38	2	0	0		3	103	9	10.6	50	3	44	38	2		103	103	11.0	50	3	2		103	9	11.4	50	1	1	44	38	1	0	
4	9	8.46	27.89	1	3	56	32.5	3	0	4		4	104	9	8.8	39	3	56	32.5	2		104	104	9.4	39	3	2		104	9	9.4	41	1	2	56	32.5	3	0	CB
5	9	6.38	14.76	1	2	68	38	4	0	3		5	105	9	6.3	15	3	68	38	4	SP,BT	105	105			99		DEAD	105						99					DEAD
6	9	10.98	33.46	1	3	83	11.5	1	0	0		6	106	9	11.1	55	2	83	11.5	2		106	106	11.5	55	3	2		106	9	11.9	55	1	1	83	11.5	1	0	
7	9	5.94	26.25	1	2	96	12	4	0	3		7	107	9	5.9	12	3	96	12	4	DT	107	107	6.0	12	3	4	DT	107	9	6	12	1	3	96	12	4	0	DT,SS
8	9	8.35	30.51	1	3	108	45.5	2	0	0		8	108	9	8.6	27	3	108	45.5	2	CB	108	108	8.8	27	3	2		108	9	9.6	27	1	2	108	45.5	2	0	SS
9	9	6.22	24.93	1	3	135	42.5	2	0	0		9	109	9	6.5	28	3	135	42.5	2		109	109	7.1	28	3	2	CB	109	9	8.5	29	1	1	135	42.5	1	0	CB
10	9	8.35	27.89	1	3	140	30	3	0	4		10	110	9	8.9	26	3	140	30	2		110	110	9.0	26	3	3		110	9	9	26	1	3	140	30	4	0	SS
11	9	4.06	14.76	1	1	142	27.5	4	0	2		11					99				DEAD,SP					99		DEAD,SP						99					DEAD,SP
12	9	5.43	16.4	1	2	150	29	4	0	3		12	112	9	5.3	21	2	150	29	3	BT	112	112	5.4	21	3	3	BT, DT	112	9	5.5	21	1	3	150	29	4	0	BT, DT
13	9	11.89	31.17	1	3	162	30.5	1	0	0		13	113	9	12.4	35	3	162	30.5	1	Y	113	113	12.6	35	3	1	Y, BI, BT, CB	113	9	13	37	1	1	162	30.5	2	0	Y, BI, CB
14	9	15.24	29.53	1	3	178	44	1	0	0		14	114	9	15.4	45	3	178	44	2	Y	114	114	15.7	45	3	2	Y	114	9	16.6	48	1	2	178	44	1	0	Y,BI,SS
15	9	10.16	21.33	1	3	179	35.5	3	3	4		15	115	9	10.5	40	3	179	35.5	2		115	115			99		DEAD	115						99					DEAD
16	9	10.08	24.61	1	3	179	35.5	2	3	0		16	116	9	10.2	28	3	179	35.5	2		116	116	10.3	28	3	2		116	9	10.3	30	1	2	179	35.5	2	0	SS
17	9	4.29	26.25	1	2	200	21	4	0	3		17	117	9	4.4	25	3	200	21	3	NEARLY DEAD	117	117	4.8	25	3	4		117	9	4.8	29	1	3	200	21	4	0	
18	9	13.66	31.17	1	3	208	31.5	1	0	0		18	118	9	14	36	2	208	31.5	2	Y	118	118	14.4	36	2	1	Y	118	9	14.5	39	1	1	208	31.5	2	0	Y,CB,SS
19	9	7.95	27.89	1	2	214	32.5	4	0	3		19	119	9	8	26	2	214	32.5	3		119	119	8.1	26	2	3		119	9	8.1	26	1	2	214	32.5	2	0	LEANING
20	9	6.5	22.97	1	2	216	32.5	4	0	3		20	120	9	6.6	21	3	216	32.5	3		120	120	7.4	21	3	4		120	9	7.4	21	1	3	216	32.5	4	0	SS
21	9	8.35	31.17	1	3	253	39.5	2	0	0		21	121	9	8.6	42	3	255	39.5	2		121	121	9.2	42	3	3		121	9	9.7	45	1	1	253	39.5	2	0	
22	9	10.08	33.79	1	3	256	38.5	2	0	0		22	122	9	10.3	45	3	256	38.5	2	CB	122	122	10.7	45	3	2		122	9	11	47	1	2	256	38.5	2	0	CB
23	9	9.72	34.45	1	3	257	35.5	2	0	0		23	123	9	10.1	44	3	257	35.5	2	SP	123	123	10.3	44	3	2		123	9	10.5	45	1	2	257	35.5	2	0	CB
24	9	3.82	21.33	1	2	260	29	4	0	1		24	124	9	3.8	25	3	260	29	4		124	124	3.9	25	3	4	BT	124	9	4.1	45	1	3	260	29	4	0	BT
25	9	2.8	11.48	1	2	261	31	4	0	1		25	125	9	2.8	12	3	261	31	4	SP	125	125	2.8	12	3	4	DT	125	9	3	12	1	3	261	31	4	0	DT,SS
26	9	11.57	34.45	1	3	262	30	1	0	0		26	126	9	15.5	40	3	262	30	1		126	126	15.9	40	3	1		126	9	16.2	45	1	1	262	30	1	0	CB
27	9	8.74	32.81	1	3	260	26.5	2	0	0		27	127	9	9	44	3	260	26.5	2		127	127	9.3	44	3	3		127	9	9.5	44	1	2	260	26.5	3	0	CB
28	9	4.57	26.25	1	2	262	26.5	4	0	3		28	128	9	4.7	20	3	262	26.5	3	SP	128	128	4.8	20	3	4	DT	128	9	4.8	20	1	3	262	26.5	4	0	DT
29	9	5.98	26.25	1	3	263	28	2	0	0		29	129	9	6.4	35	3	263	28	2		129	129	6.9	35	3	3		129	9	7.5	39	1	2	263	28	3	0	
30	2	2.2	8.2	1	2	263	20.5	4	0	1		30					99				DEAD					99		DEAD						99					DEAD
31	9	15.24	30.84	1	3	288	48	1	3	0		31	130	9	15.7	32	3	288	48	2		130	130	15.7	32	3	2		130	9	16	34	1	2	288	48	2	0	CB
32	9	3.5	16.4	1	2	293	36.5	4	3	1		32	131	9	3.6	15	3	293	36.5	4	SP,BT	131	131	4.1	15	3	4	SP,BT	131	9	4.6	15	1	3	293	36.5	4	0	SP,BT
33	9	3.43	13.12	1	2	395	36.5	4	3	1		33	132	9	3.4	15	3	395	36.5	4	SP	132	132			99		DEAD	132						99					DEAD
34	9	11.14	29.53	1	3	299	34	2	0	0		34	133	9	11.3	40	2	299	34	2		133	133	12.1	40	3	2		133	9	12.1	40	1	2	299	34	2	0	CB
35	9	2.28	9.84	1	1	303	50	4	0	1		35					99				DEAD		41	10.9	27	3		BI	41	9	11.3	28	1	2	303	50	2	0	BI
36	9	6.26	31.17	1	3	308	25	2	0	0		36	134	9	6.4	35	3	308	25	2		134	134	6.5	35	3	2		134	9	6.7	35	1	2	308	25	3	0	SS
37	9	7.09	29.53	1	3	302	25	2	0	0		37	135	9	7.1	33	3	306	25	2		135	135	7.1	33	3	3		135	9	7.1	33	1	2	302	25	3	0	SS
38	9	11.1	32.81	1	3	307	53	2	0	0		38	136	9	11.1	31	2	307	53	2	BT	136	136	12.3	31	2	2		136	9	13.1	36	1	1	307	53	2	0	SS
39	9	4.02	16.4	1	2	322	37	4	0	3		39					99				DEAD					99		DEAD						99					DEAD
40	9	6.81	23.62	1	3	322	35.5	3	0	4		40	137	9	6.9	30	3	322	35.5	2		137	137	7.3	30	3	3		137	9	7.5	32	1	2	322	35.5	3	0	SS
41	9	7.64	29.53	1	2	336	8	4	0	3		41	138	9	7.7	30	2	336	6	2		138	138	7.9	30	3	3		138	9	8	30	1	2	336	8	3	0	SS
42	9	9.02	31.5	1	3	334	5	2	0	0		42	139	9	9.3	35	2	334	5	2		139	139	9.6	35	3	2		139	9	9.9	38	1	2	334	5	3	0	SS
43	9	8.23	13.12	1	1	340	2	4	0	2		43	140	9	8.2	18	3	340	4	3	LARGE INJURY	140	140	8.6	18	3	4	LARGE INJURY, (	140	9	8.6	18	1	3	340	2	4	0	LARGE IN
44	9	4.02	15.09	1	2	335	14	4	0	3		44	141	9	4	18	3	335	14	4	SP	141	141			99		DEAD	141						99					DEAD
45	9	4.06	18.04	1	2	327	35.5	4	0	3		45	142	9	4	15	3	327	35.5	4		142	142	4.1	15	3	4		142	9	4.1	15	1	3	327	35.5	4	0	SS
46	9	4.69	11.48	1	1	326	34.5	4	0	2		46	143	9	4.7	5	3	326	34.5	4	DT	143	143			99		DEAD	143						99					DEAD
47	9	7.17	22.97	1	2	333	37	3	0	4		47	144	9	7.2	25	2	333	37	2		144	144	7.4	25	3	3		144	9	7.4	26	1	2	333	37	3	0	SS
48	9	4.06	18.04	1	2	334	34.5	4	0	3		48	145	9	4.2	15	3	334	34.5	4	SP,DT	145	145	4.3	15	3	4	SP,DT	145						99					DEAD
49	9	4.72	16.4	1	1	338	15	4	0	2		49					99				DEAD					99		DEAD						99					DEAD
50	9	8.78	32.81	1	3	350	27	2	0	0		50	146	9	9.4	36	2	350	27	2	SP	146	146	9.6	36	2	2		146	9	10.1	38	1	1	350	27	2	0	
51	9	11.89	36.09	1	3	350	44	2	0	0		51	147	9	12.6	40	3	350	44	2		147	147	12.8	40	3	2		147	9	13.3	40	1	2	350	44	3	0	SS
52	9	10.83	41.01	1	3	350	46	1	0	0		52	148	9	11.4	45	2	350	46	2		148	148	12.0	45	3	1		148	9	12.8	46	1	2	350	46	1	0	SS,CB
53	9	2.44	14.76	1	1	14	17	4	3	1		53					99				DEAD					99		DEAD						99					DEAD
54	9	1.57	9.84	1	1	11	12	4	3	1		54					99				DEAD					99		DEAD						99					DEAD
55	9	8.62	31.17	1	3	12	39	3	0	4		55	149	9	8.8	30	3	12	39	2	CB	149	149	9.0	30	3	2	CB	149	9	9	30	1	3	12	39	2	0	SS
56	9	12.6	34.45	1	3	28	19	1	0	0		56	150	9	13.2	50	2	28	19	2	CB	150	150	13.3	50	2	2	CB	150	9	13.7	50	1	2	28	19	2	0	

		COAST LIVE OAK THINNING STUDY - 1984 DATA											COAST LIVE OAK THINNING STUDY - 1989 DATA									COAST LIVE OAK THINNING STUDY - 1996 DATA								COAST LIVE OAK THINNING STUDY - 2001 DATA									
									OLD	FINAL		NEW			NEW					PLOT 8-1							PLOT 8-1												PLOT 8-1
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT	OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	2001	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE	NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	9.21	41.99	1	2	320	24	3	1	1																												
2	9	16.1	62.01	10	3	320	39	1	0	0	2	1	9	16.9	62	3	320	39	2		1	56	17.2	62	3	2		56	9	19.0	65	10	2	320	39	2	0	
3	9	12.76	52.99	10	3	350	27	1	0	0	3	2	9	13.2	45	3	350	27	2	S,CB	2	58	13.5	45	3	2	CB	58	9	14.5	48	10	2	350	27	2	0	CB,SS
4	9	8.7	60.15	1	3	352	24	2	1	1																												
5	9	7.72	51.84	1	2	357	32	4	1	1																												
6	9	18.5	58.73	10	3	358	44	1	0	0	6	3	9	19	60	2	358	46	2		3	57	19.6	60	3	2	CB,BI	57	9	20.1	63	10	1	358	44	2	0	CB,SS
7	9	9.69	52.13	1	3	20	22.5	3	0	4																												
8	9	6.85	50.85	1	2	36	45	4	1	1																												
9	9	8.35	56.34	1	2	46	34	2	1	1																												
10	9	10.83	60.38	1	3	50	34	1	0	0	10	4				99				DEAD	4				99		DEAD						99					DEAD
11	9	10.98	55.12	1	3	53	35	1	0	0	11	5	9	11.3	41	3	52	35	2	S	5	59	11.6	41	3	3		59	9	11.6	41	1	2	53	35	2	0	
12	9	10.79	45.29	1	3	54	25.5	2	0	0	12	6	9	10.9	45	2	54	25.5	2	S	6	60	11.1	45	2	2		60					99					DEAD
13	9	11.46	49.54	1	3	64	5.5	1	0	0	13	7	9	11.9	57	3	64	5.5	1		7	65	12.7	57	3	2		65	9	13.5	60	1	2	64	5.5	1	0	SS
14	9	13.62	58.4	1	3	72	41.5	1	0	0	14	8	9	14.2	45	3	72	41.5	2		8	62	14.4	45	3	3		62	9	14.8	45	1	2	72	41.5	2	0	SS
15	9	18.46	57.41	10	3	76	40.5	1	0	0	15	9	9	19.3	56	2	76	40.5	2		9	61	21.0	56	2	1		61	9	22.2	60	10	1	76	40.5	2	0	
16	9	13.27	58.73	10	3	114	22	2	0	0	16	10	9	14.3	58	3	114	22	2	CB	10	45	14.9	58	3	2		45	9	15.6	63	10	1	114	22	2	0	
17	9	9.57	44.29	1	1	122	19	4	1	1																												
18	9	16.46	56.43	10	3	124	20	1	0	0	18	11	9	17.2	57	3	124	20	2	S	11	46	17.5	57	3	1		46	9	19.3	65	10	1	124	20	1	0	CB
19	9	9.84	49.54	1	3	126	19	2	1	1																												
20	9	6.81	33.46	1	2	124	48.5	4	1	1																												
21	9	10.55	47.9	1	3	132	34.5	2	0	0	21	12	9	10.7	50	2	132	34.5	2	S	12	64	10.8	50	3	4	DT	64	9	10.8	50	1	3	132	34.5	4	0	SS,DT w/ NEW LEADER
22	9	10.75	53.42	1	1	148	39	4	1	1																												
23	9	12.01	49.45	10	3	150	40	2	0	0	23	13	9	12	42	3	150	40	3	S	13	63	12.7	42	3	3		63	9	12.2	42	10	3	150	40	2	0	SS
24	9	8.5	45.28	1	3	178	43.5	2	0	4																												
25	9	8.62	52.89	1	2	206	7	3	0	4																												
26	9	11.26	49.87	10	3	206	29.5	1	0	0	26	14	9	11.7	44	3	206	29.5	2	S	14	47	12.2	44	3	3		47	9	12.8	45	10	2	206	29.5	2	0	
27	9	14.88	59.38	10	3	206	43	1	0	0	27	15	9	15.8	58	2	206	46	2	CB	15	51	16.2	58	3	2		51	9	18.2	62	10	2	206	43	2	0	
28	9	8.5	42.72	1	3	208	47	3	1	1																												
29	9	10.35	51.84	1	3	210	48	2	0	0	29	16	9	10.8	54	2	208	48	2	CB	16	52	11.2	54	2	2		52	9	13.2	60	1	2	210	48	2	0	
30	9	11.5	49.21	1	3	205	46.5	2	0	0	30	17	9	12	58	2	209	46.5	2	S	17	53	12.3	58	2	2		53	9	12.4	60	1	2	205	46.5	2	0	
31	9	10.04	46.59	1	3	225	45	1	0	0	31	18	9	10.3	55	3	225	43	2		18	50	10.7	55	3	2	CB	50	9	11.2	55	1	2	225	45	2	0	CB,SS
32	9	7.48	29.53	1	3	228	55	3	0	4																												
33	9	12.83	49.54	10	3	228	30	1	0	0	33	19	9	13.2	57	3	228	28.5	2	S	19	48	13.8	57	2	3		48	9	14.1	57	10	2	228	30	3	0	
34	9	12.2	61.35	10	3	230	30	2	0	0	34	20	9	12.6	48	3	230	30	2	S(HEAVY)	20	49	12.9	48	3	2		49	9	13.0	50	10	2	230	30	2	0	
35	9	8.31	41.01	1	3	230	44	3	0	4																												
36	9	9.45	42.36	1	2	234	57	3	1	1																												
37	9	9.92	40.68	1	3	235	49	2	0	0	37	21	9	10	42	3	235	49	3	S	21	54	10.3	42	3	3		54	9	10.4	45	1	3	235	49	4	0	SS
38	9	9.13	53.48	1	2	236	31	3	0	4																												
39	9	12.72	48.88	1	3	258	45.5	1	0	0	39	22	9	13.7	46	3	258	45.5	2	S	22	55	13.8	46	3	2		55	9	13.8	45	1	2	258	45.5	1	0	SS
40	9	12.64	49.54	10	3	274	46	1	0	4																												
41	9	7.28	40.35	1	2	303	47	4	1	1											NOTE: This plot was not retagged in 1990 with new tree numbers.																
1	9	4.7	25	1						1																												
2	9	3.9	21	1						1																												
3	9	3.5	26	1						1																												
4	9	8.7	39	1						1																												
5	9	3.5	36	1						1																												
6	9	3.5	20	1						1																												
7	9	5.9	36	1						1																												
8	9	7.1	39	1						1																												
9	9	3.5	26	1						1																												
10	9	4.3	30	1						1																												
11	9	4.3	26	1						1																												
12	9	4.3	23	1						1																												
13	9	7.1	43	1						1																												
14	9	7.1	43	1						1																												
15	9	8.7	39	1						1																												
16	9	3.9	26	1						1																												
17	9	3.9	26	1						1																												

		COAST LIVE OAK THINNING STUDY - 1984 DATA										COAST LIVE OAK THINNING STUDY - 1989 DATA										COAST LIVE OAK THINNING STUDY - 1996 DATA								COAST LIVE OAK THINNING STUDY - 2001 DATA									
									OLD	FINAL			NEW			NEW					PLOT 8-2							PLOT 8-2											PLOT 8-2
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT	OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	2001	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE	NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	11.77	59.68	10	3	44	53.5	1	0	0	1	23	9	12.2	45	3	44	53.5	2		23	71	12.5	45	3	2		71	9	13.1	49	10	2	44	53.5	2	0	
2	9	9.37	51.5	1	3	48	41.5	3	1	1																												
3	9	15.28	42.39	1	3	50	40.5	3	0	4																												
4	9	10.59	70.72	1	2	69	21	4	1	1																												
5	9	11.3	47.42	1	3	79	23.5	3	0	4																												
6	9	13.23	62.34	10	3	95	15	1	0	0	6	24	9	13.9	49	3	95	15	1		24	72	14.3	49	3	1		72	9	15.0	50	10	2	95	15	2	0	
7	9	10.35	54.79	1	3	100	16	2	1	1																												
8	9	15.79	66.27	10	3	112	32	1	0	0	8	25	9	16.7	73	2	112	32	2		25	67	17.1	73	2	2		67	9	18.6	75	10	2	112	32	2	0	SS
9	9	15.39	69.55	10	3	113	23	2	0	5																												
10	9	13.78	72.18	1	2	129	20	2	1	1																												
11	9	15.39	55.12	10	3	129	17	1	0	0	11	26	9	16.3	64	3	129	17	2		26	73	16.9	64	2	1	SS	73	9	17.7	67	10	2	129	17	2	0	SS,SB
12	9	7.48	48.05	1	2	164	36	4	0	3																												
13	9	9.8	53.58	1	3	194	21	3	0	4																												
14	9	12.72	60.39	10	3	195	34.5	2	0	0	14	27	9	13.7	76	2	195	34.5	2		27	76	14.3	76	2	2		76	9	15.6	76	10	2	195	34.5	2	0	SS
15	9	9.76	43.72	1	3	210	32.5	3	1	1																												
16	9	10.12	48.84	1	3	211	34.5	1	0	6																												
17	9	7.48	47.14	1	2	226	53.5	4	0	3																												
18	9	7.05	27.25	1	2	246	46.5	4	0	3																												
19	9	8.86	38.43	1	2	264	38	3	0	4																												
20	9	11.89	42.41	10	3	270	32	2	0	6																												
21	9	12.2	49.46	10	3	280	38	1	0	0	21	28	9	13.1	73	3	280	38	2		28	69	14.5	73	3	2	CB	69	9	15.3	73	10	2	280	38	2	0	CB
22	9	25.55	59.38	10	3	317	26	1	0	0	22	29	9	25.9	75	2	317	26	1		29	66	26.3	75	2	1		66	9	26.9	82	10	1	317	26	1	0	
23	9	7.8	42.98	1	3	318	51.5	2	0	6																												
24	9	7.6	38.51	1	2	318	59.5	3	1	1																												
25	9	9.69	44.98	1	3	319	61	2	0	5																												
26	9	10.63	50.52	1	3	326	50.5	1	0	0	26	30	9	11.5	62	2	326	50.5	2		30	74	13.1	62	2	2		74	9	14.1	65	1	2	326	50.5	2	0	
27	9	13.9	60.69	10	3	348	45	1	0	0	27	31	9	14.7	65	1	348	45	2		31	75	15.5	65	2	2		75	9	16.3	68	10	1	348	45	2	0	
28	9	13.78	60.11	1	3	349	40	2	1	1																												
29	9	10.43	52.39	1	3	21	23	3	0	4											NOTE: This site was not tagged with new tree tags in 1990.																
30	9	9.92	54.52	1	2	38	30	4	1	1	NOTE: SNOW DAMAGE THROUG																												
1	9	7.1	38	1						1																												
2	9	7.1	36	1						1																												
3	9	7.5	36	1						1																												
4	9	7.3	26	1						1																												
5	9	6.3	25	1						1																												
6	9	7.9	26	1						1																												
7	9	4.7	21	1						1																												
8	9	5.9	25	1						1																												
9	9	3.7	21	1						1																												
10	9	4.7	23	1						1																												
11	9	3.7	20	1						1																												
12	9	3.1	13	1						1																												
13	9	2.8	16	1						1																												
14	9	7.1	23	1						1																												
15	9	4.3	30	1						1																												

		COAST LIVE OAK THINNING STUDY - 1984 DATA											COAST LIVE OAK THINNING STUDY - 1989 DATA											COAST LIVE OAK THINNING STUDY - 1996 DATA											COAST LIVE OAK THINNING STUDY - 2001 DATA										
									OLD	FINAL			NEW			NEW					PLOT 8-3								PLOT 8-3																PLOT 8-3
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT		OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	2001	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE		NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	13.23	40.03	10	3	10	6	2	0	0		1	101	9	13.5	58	3	12	6	2	CB	101	157	13.7	58	3	2	CB	157	9	13.7	60	10	2	10	6	2	0	CB
2	9	10.59	43.31	1	3	20	4	2	0	0		2	102	9	10.9	47	3	20	6	2		102	156	11.1	47	3	2	CB	156	9	11.4	50	1	2	20	4	2	0	CB,SS
3	9	14.65	62.2	10	3	22	10	1	0	0		3	103	9	15.6	60	2	22	7	2	CB	103	154	16.6	60	3	2	CB	154	9	17.3	60	10	2	22	10	2	0	CB
4	9	3.31	21	1	2	12	23.5	4	0	1		4	104	9	3.4	20	3	12	23.5	4		104	151	3.6	20	3	4		151	9	3.8	23	1	3	12	23.5	4	0	
5	9	15.79	51.18	10	3	17	34	1	0	0		5	105	9	16.6	48	2	17	34	1	CB	105	150	18.0	48	3	2	CB	150	9	19.3	50	10	2	17	34	2	0	CB
6	9	12.52	54.79	1	3	24	49	2	0	0		6	106	9	12.6	64	3	24	50	2		106	149	12.8	64	3	3	CB	149	9	12.6	64	1	3	24	49	2	0	SS
7	9	9.84	52.49	1	2	30	45.5	3	0	4		7	107	9	9.9	70	3	30	45.5	2		107					99	DEAD						99					DEAD
8	9	11.06	43.96	1	3	57	6	1	0	0		8	108	9	11.4	48	2	57	6	2		108	155	11.8	48	3	2		155	9	12.7	52	1	2	57	6	2	0	CB
9	9	8.66	51.18	1	3	47	26	3	0	4		9	109	9	8.6	37	3	47	26	2		109	152	8.9	37	3	2		152	9	8.7	37	1	2	47	26	2	0	
10	9	13.39	49.54	10	3	57	54	1	0	0		10	110	9	14	49	2	57	54	1	CB	110	148	15.1	49	3	1		148	9	15.8	50	10	1	57	54	1	0	
11	9	4.21	26.9	1	1	58	38	4	0	2		11	111	9	4.2	12	3	58	38	4		111	167	4.3	12	3	4	DT	167	9	4.3	12	1	3	58	38	4	0	DT
12	9	6.38	21.33	1	2	64	22	4	0	3		12	112	9	6.6	32	3	64	22	3		112	153	7.1	32	3	4	DT	153	9	7.1	35	1	3	64	22	4	0	DT
13	9	7.91	36.42	1	3	68	46.5	4	0	3		13	113	9	8.3	35	3	68	46.5	3		113	147	8.5	35	3	3		147	9	8.8	36	1	2	68	46.5	3	0	
14	9	10.24	40.03	1	3	86	32	3	0	4		14	114	9	10.9	47	3	86	32	2	CB,S	114	163	11.2	47	3	2		163	9	11.3	47	1	2	86	32	2	0	
15	9	13.35	36.74	1	2	107	42.5	3	0	4		15	115	9	13.8	37	3	107	42.5	2		115	146	14.0	37	3	2		146	9	14.5	39	1	2	107	42.5	2	0	SS,CB
16	9	10.04	48.91	1	3	120	7.5	2	0	0		16	116	9	10.8	54	3	120	7.5	2		116	158	11.3	54	3	2		158	9	11.8	58	1	2	120	7.5	2	0	
17	9	10.98	44.29	1	3	121	24	1	0	0		17	117	9	11.6	55	3	121	24	2		117	162	12.6	55	2	1		162	9	13.5	60	1	1	121	24	1	0	
18	9	15.28	54.79	10	3	121	45	1	3	0		18	118	9	15.9	55	3	121	45	1	BT	118	145	16.0	55	3	1	CB	145	9	16.6	55	10	2	121	45	2	0	SS
19	9	9.06	41.01	1	1	124	45	4	3	2		19	119	9	9.1	15	3	124	45	3	BT,S	119	144	9.2	15	3	4	BT, DT, CB	144					99					DEAD
20	9	15.71	48.88	1	3	129	51	2	3	0		20	120	9	16	55	3	129	51	2		120	143	16.1	55	3	2		143	9	16.3	55	1	2	129	51	2	0	
21	9	12.68	42.65	1	3	134	51	2	3	0		21	121	9	13	50	3	131	51	2		121	142	13.4	50	3	2		142	9	13.4	52	1	2	134	51	2	0	
22	9	10.71	44.85	1	3	143	22	3	0	4		22	122	9	10.9	52	3	143	22	3		122	161	11.3	52	3	2		161	9	11.5	52	1	2	143	22	2	0	
23	9	5.43	25.92	1	2	145	10	4	0	3		23	123	9	5.4	25	3	145	10	4		123	159	5.5	25	3	4	BT	159	9	5.5	25	1	3	145	10	4	0	BT
24	9	6.26	31.85	1	2	154	11	4	0	3		24	124	9	6.3	32	3	154	11	3		124	160	6.5	32	3	4		160	9	6.6	30	1	3	154	11	4	0	SS,DT
25	9	19.41	40.35	1	3	144	55.5	2	0	0		25	125	9	19.8	59	2	144	56.5	2		125	141	20.2	59	2	1		141	9	20.9	59	1	1	144	55.5	1	0	
26	9	26.93	47.9	10	3	157	40.5	1	0	0		26	126	9	27.1	61	3	157	40.5	2		126	140	27.4	61	3	2	CB, BT	140	9	28.9	63	10	2	157	40.5	2	0	CB
27	9	3.15	20.34	1	2	178	23.5	4	0	1		27	127	9	3.2	11	3	178	23.5	4		127	164	3.1	11	3	4	DT	164	9	3.1	11	1	3	178	23.5	4	0	DT
28	9	12.56	40.68	1	3	181	40	2	0	0		28	128	9	12.5	52	3	181	40	3		128	138	12.7	52	3	2		138	9	12.8	52	1	2	181	40	3	0	CB
29	9	8.27	42.98	1	3	191	29.5	3	0	4		29	129	9	8.5	40	3	191	29.5	2		129	139	8.7	40	3	2		139	9	9.3	45	1	2	191	29.5	2	0	
30	9	5.91	40.68	1	3	202	32	3	0	4		30	130	9	6.2	42	2	202	32	2		130	137	6.6	42	3	3		137	9	6.9	42	1	3	202	32	2	0	SS
31	9	21.54	55.77	10	3	214	24	3	0	4		31	131	9	17.8	70	3	214	24	1	CB	131	166	22.1	70	3	1		166	9	22.5	72	10	1	214	24	1	0	CB
32	9	11.89	51.51	10	3	221	31.5	3	0	4		32	132	9	12.2	60	3	221	31.5	2	CB	132	135	12.4	60	3	2		135	9	12.6	60	10	2	221	31.5	2	0	
33	9	6.65	35.96	1	3	235	33.5	4	3	3		33	133	9	6.9	42	3	237	33.5	3		133	111	7.1	42	3	4		111	9	7.6	42	1	3	235	33.5	4	0	CB
34	9	13.62	49.21	1	3	239	33	1	3	0		34	134	9	14.3	55	3	239	33	2	CB	134	112	15.4	55	3	2	CB	112	9	16.4	61	1	2	239	33	1	0	CB,SS
35	9	17.24	48.23	10	3	242	12.5	1	0	0		35	135	9	17.8	51	3	242	12.5	2	S	135	165	18.2	51	3	2		165	9	18.4	51	10	1	242	12.5	1	0	CB
36	9	11.61	52.46	1	3	255	25	2	0	0		36	136	9	11.8	58	3	255	25	2	S	136	110	12.4	58	3	3		110	9	12.9	58	1	2	255	25	2	0	
37	9	4.69	18.7	1	1	243	41.5	4	0	2		37	137	9	4.8	25	3	243	41.5	4		137	119	4.9	25	3	4		119	9	4.9	25	1	3	243	41.5	4	0	SS,LEANING
38	9	8.31	46.09	1	3	255	35	3	0	4		38	138	9	8.8	45	3	255	35	2		138	118	9.1	45	3	3		118	9	9.5	45	1	3	255	35	4	0	DT,SB
39	9	4.25	19.03	1	1	278	36	4	0	2		39	139	9	4.3	12	3	278	36	4	DT	139	120	4.4	12	3	4	DT	120	9	4.4	12	1	3	278	36	4	0	DT
40	9	12.91	52.49	1	3	301	44.5	2	3	0		40	140	9	13.1	64	2	301	44.5	1		140	124	13.4	64	2	2		124	9	13.6	65	1	2	301	44.5	2	0	
41	9	14.84	55.77	10	3	305	43.5	1	3	0		41	141	9	15.5	60	3	303	43.5	1	CB	141	114	15.7	60	3	2		114	9	17.4	62	10	2	305	43.5	2	0	
42	9	4.53	27.89	1	1	302	33	4	0	2		42	142				99				DEAD	142					99	DEAD					99					DEAD
43	9	6.14	40.03	1	2	315	33	3	0	4		43	143	9	6.3	45	2	315	33	3		143					99	DEAD						99					DEAD
44	9	7.32	32.81	1	1	321	52	4	0	2		44	144	9	7.4	41	3	321	52	4		144	121	7.5	41	3	4		121	9	7.6	41	1	3	321	52	4	0	
45	9	5.79	44.95	1	3	325	37.5	2	0	0		45	145	9	7.4	50	3	325	37.5	2		145	106	8.2	50	3	3	CB	106	9	8.9	54	1	2	325	37.5	2	0	CB
46	9	4.13	27.89	1	1	329	39.5	4	0	2		46	146	9	4.1	30	3	329	39.5	4		146	105	4.2	30	3	4	DT	105	9	4.2	13.8	1	3	329	39.5	4	0	BT
47	9	3.7	21	1	1	330	48.5	4	0	1		47	147	9	3.8	14	3	330	48.5	4	DT	147	103	3.8	14	3	4	DT	103					99					DEAD
48	9	9.33	40.03	1	2	330	19	3	0	4		48	148	9	9.5	50	3	330	19	2		148	109	9.5	50	3	4	DT	109	9	9.3	50	1	3	330	19	3	0	
49	9	6.02	34.78	1	1	332	18	4	0	2		49	149	9	6.1	50	3	332	18	4	DT	149					99	DEAD						99					DEAD
50	9	12.05	53.15	10	3	335	45	1	0	0		50	150	9	13.8	55	2	335	45	2		150	104	13.6	55	3	2	CB	104	9	14.7	57	10	2	335	45	2	0	
51	9	6.77	37.73	1	2	348	35	3	0	4		51	151	9	6.9	37	3	348	35	2		151	107	7.0	37	3	3		107	9	7.2	40	1	3	348	35	4	0	SS
52	9	3.82	34.45	1	1	349	30	4	0	1		52	152				99				DEAD	152					99	DEAD	152					99					DEAD
53	9	4.06	37.07	1	1	353	42.5	4	0	2		53	153				99				DEAD (FALLE	153					99	DEAD (FALLEN)	153					99					DEAD (FALLEN)
54	9	3.66	17.72	1	1	204	39	4	0	1		54	154	9	3.6	28	3	204	39	4		154					99	DEAD	154					99					DEAD

		COAST LIVE OAK THINNING STUDY - 1984 DATA										COAST LIVE OAK THINNING STUDY - 1989 DATA										COAST LIVE OAK THINNING STUDY - 1996 DATA									COAST LIVE OAK THINNING STUDY - 2001 DATA									
									OLD	FINAL			NEW			NEW					PLOT 9-1							PLOT 9-1											PLOT 9-1
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT	OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	2001	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE	NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	15.55	50.96	10	2	42	56	3	1	1																												
2	9	19.57	57.82	1	3	43	44	2	0	0	2	1	9	20	65	3	43	44	2	YD, SB	1	1	20.6	65	3	2	YD, SS	1	9	21.7	65	1	1	43	44	2	0	YD, SS
3	9	17.64	44.95	1	3	52	29.5	2	0	0	3	2	9	18.1	65	3	52	29.5	3	Y	2	2	19.0	65	3	2		2	9	20.0	67.5	1	1	52	29.5	2	0	SS
4	9	14.57	43.14	10	2	52	13.5	2	0	0	4	3	9	15.4	50	3	52	13.5	2	Y	3	3	15.9	50	3	2	Y	3	9	15.4	52	10	2	52	13.5	2	0	Y,SS
5	9	13.03	56.32	10	2	54	36.5	3	1	1																												
6	9	16.97	43.54	1	2	61	40	3	0	4																												
7	9	28.19	42.98	10	3	115	47.5	1	1	1																												
8	9	11.54	45.93	10	3	126	19.5	1	0	0	8	4	9	12	65	3	126	19.5	2	Y,BS	4	4	12.8	65	3	2	Y	4	9	13.7	46	10	2	126	19.5	2	0	Y,CB,SS,SB
9	9	26.42	39.7	10	3	142	33	1	0	0	9	5	9	27.1	45	3	142	33	1	DT	5	5	27.4	45	3	2		5	9	27.9	42	10	1	142	33	2	0	SB
10	9	16.93	35.76	1	3	186	30	2	1	1																					47							
11	9	20.12	46.59	1	3	196	14	1	0	0	11	6	9	20.5	50	2	196	14	1	SS	6	6	21.3	50	3	2		6	9	22.0	47	1	2	196	14	2	0	BI,SB,CB
12	9	22.68	41.99	1	3	229	40	1	0	0	12	7	9	23.7	50	2	229	40	2	SS,F	7	7	24.8	50	3	2		7	9	25.7	62	1	1	229	40	2	0	CB
13	9	21.73	42.98	1	3	298	38	1	0	0	13	8	9	22.3	60	3	298	38	1	SS	8	8	22.9	60	3	1	SS	8	9	23.8	57	1	2	298	38	2	0	SS,CB
14	9	21.77	44.29	1	3	2	23.5	1	0	0	14	9	9	22.2	55	3	2	23.5	2	YD,SS	9	9	22.9	55	3	2	YD	9	9	23.9	55	1	2	2	23.5	2	0	YD,SS,BI
1	9	8.7	26	1						1																												
2	9	12.6	30	1						1																												
3	9	15.3	48	1						1																												
4	9	15.4	33	1						1																												

		COAST LIVE OAK THINNING STUDY - 1984 DATA											COAST LIVE OAK THINNING STUDY - 1989 DATA									COAST LIVE OAK THINNING STUDY - 1996 DATA									COAST LIVE OAK THINNING STUDY - 2001 DATA									
									OLD	FINAL			NEW			NEW					PLOT 9-2								PLOT 9-2										PLOT 9-2
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT	OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	2001	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE	NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	20.67	40.13	1	3	40	53	1	0	0	1	10	9	21.1	40	2	40	53	2	SS	10	10	22.0	40	2	2	SS	10	9	23.6	43	1	2	40	53	2	0	SS
2	9	14.37	40.16	1	3	54	13	1	0	0	2	11	9	15.3	45	2	54	13	1	SS	11	11	16.5	45	3	1	SS, CB	11	9	17.3	48	1	3	54	13	2	0	SS, CB
3	9	13.78	33.79	1	2	132	51	3	0	4																												
4	9	14.72	41.99	1	3	142	45	1	0	0	4	12	9	15.2	50	3	142	45	1		12	12	16.1	50	3	1	SS	12	9	16.8	50	1	2	142	45	2	0	SS
5	9	15.87	42.32	10	3	171	40	1	0	0	5	13	9	16.8	45	3	171	40	1		13	8	17.6	45	3	1		8	9	18.9	40	10	1	171	40	2	0	
6	9	11.81	35.43	1	3	205	30	1	0	5																												
7	9	18.58	35.1	1	3	232	43	1	0	0	7	14	9	19.7	50	3	232	43	1	SS,YD	14	13	19.9	50	3	1	SS, YD, CB	13	9	20.5	50	1	2	232	43	2	0	SS, YD, CB
8	9	24.49	44.13	1	3	250	17.5	1	0	0	8	15	9	25.8	50	3	250	17.5	1	SS,YD	15	14	26.3	50	2	1	SS,YD	14	9	28.5	50	1	2	250	17.5	2	0	SS,YD
9	9	14.49	30.03	1	3	280	25	2	0	5																												
10	9	13.98	32.88	1	3	282	21	2	0	5																												
11	9	12.99	31.82	1	2	310	53	3	0	4																												
12	9	15.31	37.4	1	2	314	39	2	0	0	12	16	9	15.7	43	2	314	39	2	SS,YD	16	15	16.4	43	3	2	SS, BI	15	9	19.5	45	1	3	314	39	2	0	SS, BI
13	9	24.37	37.73	1	2	335	37	1	1	0	13	17	9	25	46	2	335	37	2	SS,YD	17	16	25.1	46	3	2	SS	16	9	26.4	50	1	2	335	37	2	0	SS
1	9	20.2	39	1						1																												
2	9	24.3	39	1						1											NOTE: The tagged trees on this plot were not consistent with the values																
3	9	13.5	39	1						1											on the data sheet. The new numbers reflect the proper trees in the plot																
4	9	5.5	13	1						1																												
5	9	8.7	30	1						1																												
6	9	9.8	25	1						1																												
7	9	13.8	26	1						1																												
8	9	15	33	1						1																												

COAST LIVE OAK THINNING STUDY - 1984 DATA											COAST LIVE OAK THINNING STUDY - 1989 DATA										COAST LIVE OAK THINNING STUDY - 1996 DATA									COAST LIVE OAK THINNING STUDY - 2001 DATA									
								OLD	FINAL			NEW			NEW					PLOT 9-3								PLOT 9-3											PLOT 9-3
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT	OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	1989	1996	DBH	HT	VIGOR	CROWN	NOTES &	2001	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE	NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	21.69	36.09	1	3	20	15.5	1	0	0	1					99				DEAD					99		DEAD						99					DEAD
2	9	11.73	30.51	10	2	20	37	2	0	0	2	101	9	12.6	40	2	20	37	2	SS	101	101	11.8	40	2	2	SS, YD	101	9	12.2	37	10	3	20	37	2	0	YD,SS,SB
3	9	12.44	40.62	1	2	25	37	3	0	4	3	102	9	12.4	35	2	22	37	2	SS	102	102	12.6	35	3	3	SS, CB	102	9	12.5	33	1	3	25	37	2	0	BI,SS,Y,SB
4	9	14.41	49.21	1	2	23	49	3	0	4	4	103	9	14.5	40	3	23	50	3	SS,YD	103	103	14.7	40	3	3	YD, BI, CB	103	9	15.6	40	1	3	23	49	4	0	BI,SS,YD,SB
5	9	12.44	45.93	1	3	32	33	2	0	0	5	104	9	12.5	40	3	32	33	2	SS,,YD	104	104	12.8	40	3	3	SS, CB, BI	104	9	13.3	40	1	3	32	33	4	0	SS,DT,BI
6	9	18.9	33.46	1	3	59	24	1	0	0	6	105	9	19.2	55	2	59	24	2	Y,SD	105	105	19.8	55	3	2	BI	105	9	20.0	50	1	1	59	24	2	0	CB,BI
7	9	13.03	41.97	1	2	69	36.5	3	0	4	7	106	9	13.1	53	3	69	36.5	3	Y	106	106	13.6	53	3	3		106	9	13.6	53	1	3	69	36.5	2	0	SS,BI,YD
8	9	17.28	40.03	1	3	78	43	1	0	0	8	107	9	17.4	50	3	78	43	1	Y,SS	107	107	17.6	50	2	1		107	9	18.0	47	1	2	78	43	2	0	SS
9	9	14.88	44.92	1	3	82	43	2	0	0	9	108	9	15	51	3	80	43	2	Y,SS	108	108	15.3	51	2	2		108	9	16.1	53	1	2	82	43	1	0	SS
10	9	20.94	49.21	1	2	91	40.5	3	0	4	10	109	9	21.3	55	2	91	40.5	2	Y	109	109	21.8	55	2	1	Y	109	9	23.2	53	1	2	91	40.5	2	0	Y,SS
11	9	19.92	45.93	10	3	154	47.5	1	0	0	11	110	9	20.4	63	3	154	47.5	1	Y	110	110	20.4	63	2	1	YD, CB	110	9	20.7	62	10	1	154	47.5	2	0	YD, CB
12	9	11.81	38.39	1	3	160	18.5	2	0	0	12	111	9	12.7	55	3	160	18.5	3	Y,SD	111	111	12.0	55	3	3	YD, BI, BARK MI	111	9	11.6	50.5	1	2	160	18.5	2	0	YD, BI, BARK MISSING
13	9	18.31	41.67	10	3	160	7.5	1	0	0	13	112	9	18.5	55	3	160	7.5	1	Y,SD,SS	112	112	18.8	55	3	2		112	9	14.1	50.7	10	2	160	7.5	2	0	SS,Y,BI
14	9	10.55	48.56	1	2	175	36	3	0	4	14	113	9	10.6	50	2	175	36	3	YD	113	113	10.6	50	3	4	YD, CB	113	9	10.6	47	1	3	175	36	4	0	YD, CB,SS
15	9	22.87	40.03	10	3	183	21.5	1	0	0	15	114	9	23.2	56	2	183	21.5	1	SS	114	114	23.4	56	2	2	CB	114	9	24.2	54	10	2	183	21.5	2	0	CB,SS
16	9	11.34	39.37	1	3	202	4.5	1	0	0	16	115	9	11.5	47	3	202	4.5	1	SD	115	115	11.8	47	3	2	CB, BI	115	9	12.1	47	1	2	202	4.5	2	0	CB, BI,Y,SB
17	9	9.53	19.03	1	1	214	25	4	0	2	17					99				DEAD (WIND THROW)					99		DEAD (WIND THROW)						99					DEAD (WIND THROW)
18	9	16.65	33.14	1	2	215	38.5	2	0	0	18	116	9	17.7	40	2	215	38.5	2	YD,SS	116	116	16.4	40	3	2	YD, SS, BI, CB, B	116	9	17.3	35	1	3	215	38.5	4	0	YD, SS, BI, CB, BT
19	9	13.31	41.99	1	3	218	55	1	0	0	19	117	9	13.4	45	3	218	55	2	Y	117	117	14.0	45	3	2	Y	117	9	14.7	43	1	1	218	55	2	0	Y,CB
20	9	13.07	33.14	1	3	220	53	1	0	0	20	118	9	13.6	50	2	220	53	2	YD,SS	118	118	14.4	50	3	2	YD	118	9	15.2	50	1	3	220	53	2	0	YD,SS,CB
21	9	22.72	36.74	1	3	260	22.5	1	0	0	21	119	9	23.8	60	2	260	22.5	1	YD,SS	119	119	23.9	60	2	1		119	9	23.7	65	1	1	260	22.5	2	0	SS
22	9	10.39	22.97	1	2	264	41.5	3	0	4	22	120	9	10.6	31	2	264	41.5	3		120	120	10.9	31	3	4	BI	120	9	11.3	32	1	3	264	41.5	3	0	BI,Y,SS
23	9	15.16	38.71	10	3	283	38.5	1	0	0	23	121	9	15.5	52	3	283	38.5	1	SS,Y	121	121	16.0	52	2	1		121	9	16.3	49	10	2	283	38.5	2	0	
24	9	9.65	41.18	1	2	303	32.5	4	0	3	24	122	9	9.8	50	2	300	32.5	4	SS,Y	122	122	9.9	50	3	4	BI	122	9	10.1	53	1	3	303	32.5	4	0	BI,Y,SS
25	9	10.47	35.77	1	3	298	32.5	3	0	4	25	123	9	10.6	45	3	298	32.5	3	Y	123	123	10.9	45	3	3	BI	123	9	11.0	50.6	1	2	298	32.5	2	0	BI,Y,SS
26	9	10.94	40.75	1	2	318	37.5	4	0	3	26	124	9	11	46	2	318	37.5	3	YD,BASAL INJU	124	124	11.1	46	3	3	BI	124	9	11.3	48	1	3	318	37.5	2	0	BI,Y
27	9	12.68	49.21	1	3	322	32	4	0	3	27	125	9	12.7	52	3	328	32	4	YD	125	125	12.6	52	3	4	YD, CB, DT	125	9	13.4	49	1	33	322	32	4	0	YD, CB, DT, SS, BI
28	9	15.94	42.65	1	3	330	31.5	2	0	0	28	126	9	16.5	55	2	330	31.5	2	Y	126	126	16.8	55	3	2		126	9	17.6	49	1	2	330	31.5	2	0	CB
29	9	16.3	37.4	1	3	338	33	1	0	0	29					99				DEAD (WIND THROW)					99		DEAD (WIND THROW)						99					DEAD (WIND THROW)
30	9	13.39	32.15	1	3	3	41	3	0	4	30	127	9	15.1	50	3	3	41	3	YD	127	127	15.4	50	3	2		127	9	14.1	52	1	2	3	41	2	0	BI,SB,SS

		COAST LIVE OAK THINNING STUDY - 1984 DATA										COAST LIVE OAK THINNING STUDY - 1989 DATA										COAST LIVE OAK THINNING STUDY - 1996 DATA										COAST LIVE OAK THINNING STUDY - 2001 DATA										
									OLD	FINAL			NEW			NEW					PLOT 10-1	1989	1996					PLOT 10-2	2001												PLOT 10-1
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT	OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	TREE	TREE	DBH	HT	VIGOR	CROWN	NOTES &	TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE	NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	9.53	43.31	1	2	20	24.5	1	0	5																												
2	9	14.25	34.78	1	3	39	38.5	2	0	5																												
3	9	12.4	36.09	1	3	42	38.5	3	0	4																												
4	9	4.02	19.68	1	1	42	58	4	0	2																												
5	9	11.93	36.09	1	3	51	9	2	0	5																												
6	9	4.61	21.33	1	2	51	26.5	4	0	3																												
7	9	8.23	35.43	1	3	51	54.5	2	0	0	7	1	9	8.9	38	3	51	54.5	1		1	1	9.7	38	3	2		1	9	10.1	40	1	2	51	54.5	2	0	SS
8	9	15.63	37.73	1	3	90	11	1	0	0	8	2	9	16	48	2	90	11	1		2	2	17.2	48	2	2		2	9	17.9	48	1	2	90	11	2	0	CB
9	9	6.3	32.48	1	1	90	25	4	0	2																												
10	9	16.34	43.31	1	3	105	41.5	1	0	6																												
11	9	15.12	34.12	1	3	108	25	1	0	0	11	3	9	15.8	35	2	108	25	2		3	3	15.8	35	2	2	Y	3	9	16.0	36	1	2	108	25	2	0	
12	9	9.92	27.23	1	3	109	47	2	0	5																												
13	9	8.58	32.15	1	2	111	48	4	0	3																												
14	9	3.98	13.12	1	2	131	26	4	0	1																												
15	9	3.62	13.12	1	1	138	40.5	4	0	1																												
16	9	11.22	36.74	1	3	141	44.5	1	0	0	16	4	9	11.7	35	2	141	44.5	2		4	4	12.0	35	2	2		4	9	12.7	35	1	2	141	44.5	2	0	
17	9	16.73	42.32	1	3	141	42	1	0	0	17	5	9	16.9	40	2	141	42	2		5	5	17.9	40	2	2		5	9	18.8	42	1	2	141	42	2	0	
18	9	6.34	40.35	1	3	142	32.5	3	0	4																												
19	9	6.85	36.09	1	3	149	31.5	3	0	4																												
20	9	7.4	36.42	1	2	147	33	3	3	4																												
21	9	6.73	36.09	1	2	150	34	4	3	3																												
22	9	7.36	27.89	1	2	151	33	4	0	3																												
23	9	10.08	31.82	1	2	149	12.5	3	0	4																												
24	11	3.35	16.4	1	2	158	8	3	0	1																												
25	11	1.97	9.84	1	2	158	17.5	3	0	1																												
26	11	2.56	16.4	1	2	159	19.5	3	0	1																												
27	11	3.5	13.12	1	2	174	19	3	0	1																												
28	9	11.65	36.09	1	3	196	43	1	0	0	28	6	9	12.1	38	2	196	43	1		6	6	13.7	38	2	2		6	9	13.7	40	1	2	196	43	2	0	SS,CB
29	9	7.95	26.25	1	3	202	46.5	3	0	4																												
30	9	4.25	22.97	1	2	210	43.5	4	0	3																												
31	11	2.09	13.12	1	2	216	34	4	0	1																												
32	11	2.76	18.04	1	2	216	34	4	0	1																												
33	11	1.89	16.4	1	2	216	32.5	4	0	1																												
34	11	3.46	16.4	1	2	216	4	4	0	1																												
35	9	9.8	39.7	1	3	50.5	2	0	5	2																												
36	9	9.17	25.26	1	3	211	36	4	0	3																												
37	9	13.98	36.42	1	3	211	47.5	1	0	6																												
38	9	8.39	26.57	1	1	215	39.5	4	0	2																												
39	11	2.36	6.56	1	1	215	53	4	0	1																												
40	11	2.17	13.12	1	1	215	52	4	0	1																												
41	11	2.83	16.4	1	1	215	54.5	4	0	1																												
42	9	12.83	36.09	1	3	229	52	1	0	0	42	7	9	13.1	40	3	229	52	1		7	7	17.0	40	3	1	Y,BI	7	9	17.0	43	1	2	229	52	2	0	Y,BI,SS LEANING
43	9	6.85	29.53	1	3	253	46	4	0	3																												
44	9	12.13	30.18	1	3	242	23	1	0	0	44	8	9	12.5	30	2	242	23	1		8	8	12.9	30	2	1		8	9	13.4	35	1	2	242	23	1	0	CB,SS,SB
45	9	11.1	33.14	1	3	243	8	2	0	6																												
46	9	10.83	29.2	1	3	271	30	2	0	5																												
47	9	5.51	9.84	1	3	279	32.5	4	0	3																												
48	9	10.75	33.46	1	3	279	39	2	0	5																												
49	9	5.71	19.68	1	1	280	39	4	0	2																												
50	11	2.4	11.48	1	1	309	36	4	0	1																												
51	11	2.09	9.84	1	1	309	37.5	4	0	1																												
52	11	1.89	8.2	1	1	321	44.5	4	0	1																												
53	12	2.13	9.84	1	1	330	44.5	4	0	1																												
54	11	2.83	14.76	1	1	354	36.5	4	0	1																												
55	9	14.88	38.39	1	3	367	21	1	0	0	55	9	9	15.2	41	2	367	21	2		9	9	16.0	41	2	2		9	9	16.5	42	1	2	367	21	2	0	
56	9	10.31	35.1	1	3	377	26.5	1	0	5																										2	30.5		
57	9	11.73	43.31	1	3	2	30.5	1	0	0	57	57	9	12.1	44	3	2	30.5	2		57	57	12.7	45	3	2		57	9	13.2	49	1	2	378	45.5	2	0	SB,CB
58	9	12.44	39.04	1	3	288	44.5	1	0	0	58	10	9	12.8	50	3	288	44.5	2		10	10	13.4	50	3	2		10	9	14.5	50	1	2	288	44.5	1	0	
99	9	16.7	42.7	1	2	66	40.4	2	0	0	99	99	9	17.3	44.3	2	66	40.4	2		99	99	18.1	46.4	2	2		99	9	18.7	48	1	1	66	40.4	1	0	Need Az & HD

		COAST LIVE OAK THINNING STUDY - 1984 DATA										COAST LIVE OAK THINNING STUDY - 1989 DATA										COAST LIVE OAK THINNING STUDY - 1996 DATA								COAST LIVE OAK THINNING STUDY - 2001 DATA										
									OLD	FINAL			NEW			NEW					PLOT 10-2	1989	1996						PLOT 10-2	1996									PLOT 10-2
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT	OLD	TREE	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	TREE	TREE	DBH	HT	VIGOR	CROWN	NOTES &	TREE	SPEC	DBH	HT	ND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE	NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	12.24	29.53	1	3	21	34.5	1	0	0	1	101	9	12.5	45	3	21	34.5	2		101	101	13.1	45	3	2		101	9	13.6	49	1	1	21	34.5	2	0	SS,CB
2	9	9.92	36.09	1	3	33	52.5	2	0	0	2	102	9	10.4	40	3	35	52.5	2	Y	102	102	11.2	40	3	2	Y	102	9	12.0	40	1	1	33	52.5	2	0	CB
3	9	12.28	36.09	1	3	37	54	2	0	0	3	103	9	13.4	40	3	37	54	2	Y	103	103	13.2	40	3	2	YD	103	9	13.9	40	1	1	37	54	2	0	CB
4	9	11.10	36.09	10	3	52	27	1	0	0	4	104	9	11.4	35	3	52	27	2	YD	104	104	11.8	35	3	2	YD	104	9	12.4	39	10	2	52	27	2	0	SS
5	9	14.88	36.09	1	2	92	26.5	2	1	1	5	105	9	15.2	45	3	92	26.5	2	Y	105	105			99		DEAD	105					99					DEAD
6	9	17.36	41.01	1	3	105	43	1	0	0	6	106	9	18	36	2	105	43	1	Y	106	106	18.0	36	2	1		106	9	19.2	30	1	2	105	43	2	0	SS,CB
7	9	13.19	50.85	10	3	138	11.5	1	0	0	7	107	9	13.9	53	2	138	11.5	1	Y,BI	107	107			99		DEAD	107					99					DEAD
8	9	17.72	32.81	1	3	146	40	2	0	0	8	108	9	18	33	3	146	40	2	Y	108	108	19.1	33	3	2		108	9	21.2	33	1	1	146	40	2	0	CB
9	9	17.64	45.93	1	3	163	13	1	0	0	9	109	9	17.9	45	3	163	13	1	Y	109	109	19.0	45	2	1	Y	109	9	20.0	42	1	1	163	13	2	0	CB
10	9	17.32	42.83	1	3	210	43	1	0	0	10	110	9	18	50	2	210	43	1	YD	110	110	18.3	50	3	1	YD	110	9	18.8	52	1	1	210	43	2	0	CB
11	9	21.10	42.65	1	3	228	52	1	0	0	11	111	9	21.7	58	2	228	52	1	Y	111	111	22.3	58	2	1	Y	111	9	23.4	59	1	1	228	52	2	0	SS
12	9	12.56	44.13	1	3	300	51	1	0	0	12	112	9	12.9	20	3	300	51	2	YD	112	112	13.8	20	3	2	YD	112	9	15.0	20	1	3	300	51	4	0	YD,SS,D
13	9	7.95	40.89	1	2	309	57	4	3	3	13	113	9	8.2	10	3	309	60	4	Y,SS	113	113	8.7	10	3	4	Y,SS,BT	113	9	8.4	28	1	3	309	57	4	0	Y,SS,BT
14	9	11.69	41.01	1	3	311	56.5	1	3	0	14	114	9	11.9	28	3	309	59.5	2	Y,SS	114	114	12.2	28	3	2	Y,SS,BT	114	9	12.1	28	1	3	311	56.5	2	0	Y,SS,BT
15	9	9.88	41.01	1	3	310	47	1	0	0	15	115	9	10.3	45	3	310	47	2	Y	115	115	11.8	45	3	2		115	9	12.8	45	1	2	310	47	2	0	SS
16	9	13.82	31.17	1	2	311	42	2	0	0	16	116	9	14.1	35	3	311	42	2	Y	116	116	15.2	35	3	2		116	9	16.3	36	1	2	311	42	2	0	CB,SS
17	9	8.07	36.09	1	3	314	52.5	4	1	1	17					99				DEAD					99		DEAD						99				2	DEAD
18	9	13.90	41.01	1	3	317	57.5	1	3	0	18	117	9	14.2	40	3	317	57.5	1	SS,Y	117	117	14.6	40	3	1	Y,SS	117	9	17.1	44	1	2	317	57.5	2	0	CB,SS
19	9	11.30	41.01	1	3	317	54	1	3	0	19	118	9	11.9	25	3	317	56	2	Y	118	118	11.4	25	3	2	YD,BT	118	9	11.3	25	1	3	317	54	2	0	SS,CB
20	9	11.65	37.73	1	3	324	48	2	0	0	20	119	9	12.1	41	3	324	48	2	YD	119	119			99		DEAD	119					99					DEAD
21	9	21.46	44.29	1	3	328	41.5	1	0	0	21	120	9	21.7	30	3	328	41.5	2	Y	120	120	21.7	30	3	2	Y	120	9	22.2	42	1	1	328	41.5	2	0	SS
22	9	18.27	36.09	1	3	348	4	1	0	0	22	121	9	18.6	40	3	348	4	1	Y	121	121	18.8	40	3	2		121	9	19.3	37	1	2	348	4	2	0	CB
1	9	7.69	13	1		6	35.5					43	9	8.1	25	3	6	35.5	3		43	43	8.3	25	3	4		43	9	8.3	25	1	3	6	35.5	4	0	LEANING
2	9	4.80	8	1		10	40					44	9	5.2	20	3	10	40	4		44	44	6.1	20	3	4	BI	44	9	5.5	20	1	3	10	40	4	0	CB,SS
3	9	6.30	16	1		20	30					45	9	6.7	20	3	20	30	4		45	45	6.7	20	3	4		45	9	6.7	20	1	3	20	30	4	0	SS,CB,BT
4	9	8.49	15	1		208	31					46	9	8.9	24	3	204	31	3		46	46	9.2	24	3	3	BT	46	9	9.1	32	1	3	208	31	4	0	YD,LEANING
5	9	3.11	26	1		206	31					47	9	3.5	20	3	206	31	4		47	47	3.4	20	3	4	YD	47	9	3.2	15	1	3	206	31	4	0	YD
6	9	4.10	15	1		246	23.5					48	9	4.5	15	3	246	23.5	4		48	48	4.7	15	3	3	BI	48	9	5.0	15	1	3	246	23.5	4	0	SS,YD
7	9	12.18	26	1		284	45					49	9	12.6	40	3	284	49	2		49	49			99		DEAD	49					3				4	DEAD
8	9	11.48	16	1		290	36					50	9	11.9	45	2	290	36	2		50	50	12.2	45	3	3		50	9	12.2		1	3	290	36	4	0	LAYING DOWN
9	9	3.61	16	1		354	39					51	9	4	6	3	354	39	4		51	51	4.5	6	3	4	BT	51					99				DEAD
10	9	5.30	13	1												99				DEAD					99		DEAD						99				DEAD
11	9	7.50	21	1												99				DEAD					99		DEAD						99				DEAD
12	9	6.30	23	1												99				DEAD					99		DEAD						99				DEAD
13	9	2.80	10	1												99				DEAD					99		DEAD						99				DEAD
14	9	8.90	20	1												99				DEAD					99		DEAD						99				DEAD
15	9	11.40	33	1												99				DEAD					99		DEAD						99				DEAD
16	9	4.30	13	1												99				DEAD					99		DEAD						99				DEAD
17	9	11.50	33	1												99				DEAD					99		DEAD						99				DEAD
18	9	5.20	20	1												99				DEAD					99		DEAD						99				DEAD
19	9	2.00	13	1												99				DEAD					99		DEAD						99				DEAD
20	9	3.10	16	1												99				DEAD					99		DEAD						99				DEAD

		COAST LIVE OAK THINNING STUDY - 1984 DATA										COAST LIVE OAK THINNING STUDY - 1989 DATA										COAST LIVE OAK THINNING STUDY - 1996 DATA								COAST LIVE OAK THINNING STUDY - 2001 DATA									
									OLD	FINAL			NEW			NEW					PLOT 10-3	1989	1996					PLOT 10-2	2001								PLOT 10-3	
TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	CUT	OLD	NEW	SPEC	DBH	HT	VIGOR	AZ	HORZ	CROWN	NOTES &	TREE	TREE	DBH	HT	VIGOR	CROWN	NOTES &	TREE	SPEC	DBH	HT	IND	VIGOR	AZM	HORZ	CROWN	CUT	NOTES &
NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	CODE	NUMB	NUMB	CODE	(IN)	(FT)	CODE	(DEG)	DIST	CLASS	REMARKS	NUMB	NUMB	(IN)	(FT)	CODE	CLASS	REMARKS	NUMB	CODE	(IN)	(FT)	CODE	CODE	(DEG)	DIST	CLASS	CODE	REMARKS
1	9	14.84	44.62	1	3	22	47	1	0	0	1	11	9	15.1	50	2	22	47	2		11	11	16.4	50	2	2		11	9	17.2	50.0	1	1	22	47	2	0	
2	9	11.38	36.09	1	3	26	43	1	0	0	2	12	9	11.9	45	2	26	43	2		12	12	11.8	45	3	3	BI	12	9	11.9	45.0	1	2	26	43	3	0	SS
3	9	8.86	34.47	1	3	36	55.5	2	0	5																												
4	9	8.31	34.19	1	3	38	55.5	2	0	6																												
5	9	15.28	41.67	1	3	46	27	1	0	0	5	13	9	15.8	50	2	46	27	1		13	13	15.8	50	2	2		13	9	16.4	50.0	1	2	46	27	2	0	CB
6	9	12.99	33.79	1	3	52	7.5	2	0	5																												
7	9	13.94	40.53	1	3	52	44.5	1	0	5																												
8	9	15.04	42.65	10	3	53	41	1	0	0	8	14	9	15.3	50	3	53	41	1	Y	14	14	15.8	50	2	2	Y	14	9	16.4	50.0	10	2	53	41	2	0	SS
9	9	14.96	54.47	1	3	67	31.5	1	0	0	9	15	9	15.6	60	2	67	31.5	1	Y,BI	15	15	15.8	60	2	2	Y,BI	15	9	16.5	60.0	1	2	67	31.5	2	0	SS
10	9	16.81	45.93	1	3	89	3	1	0	0	10	16	9	17.1	50	2	89	3	2		16	16	17.8	50	2	2		16	9	18.6	52.0	1	2	89	3	2	0	SS
11	9	13.19	33.14	1	3	97	8	3	1	1																												
12	9	9.29	35.99	1	3	100	33.5	1	0	6																												
13	9	9.84	43.31	1	3	101	40	2	0	5																												
14	9	6.06	27.38	1	2	114	48.5	3	1	1																												
15	9	12.2	40.68	1	2	117	39.5	2	0	5																												
16	9	13.07	36.42	1	3	123	31.5	2	0	0	16	17	9	13.6	35	3	123	31.5	3	Y	17	17	13.6	35	2	3		17	9	14	40.0	1	2	123	31.5	3	0	SS
17	9	10.55	41.99	10	3	131	53	1	0	5																												
18	9	13.11	50.52	10	3	118	48	1	0	0	18	18	9	13.7	54	2	118	52	2		18	18	14.6	54	2	1		18	9	15.2	55.0	10	1	118	48	1	0	
19	9	12.56	43.31	10	3	135	52.5	1	0	0	19	19	9	12.9	50	2	135	52.5	2		19	19	13.8	50	2	2		19	9	14.9	50.0	10	2	135	52.5	2	0	SS
20	9	12.36	45.93	10	3	134	56.5	1	0	5																												
21	9	9.13	43.96	1	2	142	6	4	1	1																												
22	9	7.32	42.65	1	2	151	31.5	4	0	3																												
23	4	6.77	51.84	10	3	164	35	1	3	1																												
24	4	7.24	49.54	10	3	165	35.5	1	3	1																												
25	9	6.5	51.04	1	1	176	42	4	1	1																												
26	9	9.13	41.99	10	3	177	43	1	3	4										?																		
27	9	6.93	42.32	1	2	178	42	2	3	5																												
28	9	8.35	25.77	1	2	182	21.5	4	2	1																												
29	9	8.74	30.84	1	2	181	19	4	2	1																												
30	9	15.28	36.09	1	3	200	39.5	2	0	0	30	20	9	15.8	40	3	200	39.5	2	Y	20	20	15.4	40	3	3	BI	20	9	15.7	40.0	1	2	200	39.5	3	0	SS
31	9	14.57	50.2	1	3	211	23	1	0	0	31	21	9	15	45	2	211	23	2	Y	21	21	15.9	45	2	2	Y	21	9	16.5	50.0	1	1	211	23	2	0	CB
32	9	14.61	35.1	1	3	234	44	1	0	0	32	22	9	15.1	40	3	231	44	2		22	22	15.3	40	3	2		22	9	18.4	44.0	1	1	234	44	2	0	CB
33	9	9.88	42.34	1	3	232	45	3	1	1																												
34	9	9.17	31.59	1	3	241	52	3	1	1																												
35	9	9.41	43.96	1	3	272	35	1	0	0	35	23	9	10.6	46	3	272	35	1	BI	23	23	10.7	46	2	1		23	9	11.4	48.0	1	2	272	35	2	0	SS
36	9	8.7	35.43	1	3	282	34.5	2	0	5																												
37	9	15.91	51.51	1	2	283	10	1	0	0	37	24	9	16.4	50	2	283	10	1	BI	24	24	16.3	50	2	2	BI	24	9	16.4	50.0	1	3	283	10	2	0	SS
38	9	13.11	45.28	1	3	283	24	1	0	0	38	25	9	14.4	38	3	283	24	2		25	25	14.6	38	3	2		25	9	15.5	40.0	1	2	283	24	2	0	SS,CB
39	9	7.48	41.67	1	3	300	34.5	3	0	4																												
40	9	9.49	36.41	1	3	297	51.5	3	0	4																												
41	9	7.76	32.82	1	3	309	39	3	0	4																												
42	9	10.98	36.2	1	3	308	31.5	2	0	0	42	26	9	11.1	40	3	308	31.5	2		26	26			99		DEAD	26					99					DEAD
43	9	13.54	51.04	1	3	313	53	1	0	0	43	27	9	14.2	40	3	313	53	1	Y	27	27	14.3	40	3	1		27	9	14.3	40.0	1	2	313	53	2	0	SS
44	9	10.51	29.53	1	2	318	57.5	3	1	1																												
45	9	9.02	36.27	1	2	320	42.5	3	1	1																												
46	9	9.25	28.69	1	1	329	53	4	1	1																												
47	9	9.8	46.26	1	3	340	29.5	1	0	0	47	28	9	10.9	42	2	340	29.5	1		28	28	11.4	42	2	1		28	9	13.2	45.0	1	1	340	29.5	1	0	
48	9	11.06	50.52	1	3	347	39.5	1	0	0	48	29	9	11.8	45	3	347	39.5	1		29	29	12.2	45	2	2		29	9	13.2	45.0	1	2	347	39.5	2	0	
49	9	14.57	43.63	1	3	371	25.5	1	0	0	49	30	9	15	45	2	371	25.5	1		30	30	15.2	45	2	2		30	9	15.7	45	1	2	371	25.5	2	0	
1	9	2	21	1						1																												
2	9	2.8	20	1						1																												
3	9	1.6	13	1						1																												
4	9	1.2	20	1						1																												
5	9	3.9	20	1						1																												
6	9	3.1	13	1						1																												
7	9	3.5	16	1						1																												
8	9	1.8	20	1						1																												
9	9	1.2	16	1						1																												
10	9	3.1	20	1						1																												
11	9	3.9	20	1						1																												
12	9	2.8	13	1						1																												
13	9	1.2	10	1						1																												
14	9	5.5	23	1						1																												
15	9	5.5	26	1						1																												
16	9	8.7	20	1						1																												
17	9	3.5	16	1						1																												
18	9	7.1	26	1						1																												
19	9	7.1	20	1						1																												
20	9	5.9	26	1						1																												
21	9	6.3	26	1						1																												
22	9	5.5	31	1						1																												
23	9	3.5	16	1						1																												
24	9	2.8	26	1						1																												
25	9	5.9	20	1						1																												
26	9	2.8	20	1						1																												
27	9	3.9	26	1						1																												
28	9	2	16	1						1																												
29	9	4.7	21	1						1																												
30	9	1.2	10	1						1																												
31	9	3.5	18	1						1																												
32	9	3.9	20	1						1																												
33	9	1.6	13	1						1																												
34	9	2	20	1						1																												

35	9	1.2	15	1						1
36	9	4.3	25	1						1
37	9	1.6	21	1						1
38	9	1.2	20	1						1
39	9	1.6	18	1						1
40	9	3.5	25	1						1
41	9	2.4	23	1						1
42	9	5.9	33	1						1
43	9	1.6	20	1						1
44	9	5.9	31	1						1
45	9	5.9	30	1						1
46	9	5.9	30	1						1
47	9	11.6	33	1						1
48	9	7.9	33	1						1
49	9	6.7	30	1						1
50	9	5.9	20	1						1
51	9	5.9	34	1						1
52	9	3.5	26	1						1

Appendix D

Field Data for Clump and Sprout Measurements from the
TSecond, Third, and Fourth Inventories

Site 1. Clump & Sprout Data from the Second Inventory, 1989.

	CLUMP DIAMETER			SPROUTS					
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Stump Ang. (°)	Stump Dia. (in)	Other
1 - 1	27	9	2	3.0	2.0	5	90	5	2.5' ht
				1.5	<1	>15	Tr #17	n/a	
				1.5	<1	3.0	20	4	
				7.0	5.0	>15	20	13	Madrone
				1.5	<1	6	0	10	
				5.5	2.5	>15	60	2	Tanoak
				2.5	2.0	3	Tr #30	n/a	
				3.0	1.0	3	Tr #15	n/a	
				<1	<1	3	0	7	
				5.5	3.0	>15	80	7	Tanoak
				1.0	<1	6	70	9	
				4.5	2.0	>15	45	5	Madrone
1 - 3	19	10	3	7.4	5.2	>15	30	10	
				1.3	1.0	10	0	8	
				1.5	1.0	>15	0	10	
				2.3	1.5	4	0	8	
				2.5	5.0	>15	0	8	
				1.0	<1	>15	n/a	12	
				2.0	1.5		20	8	

Site 1. Clump & Sprout Data from the Third Inventory, 1996.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
1 - 1	2	6	0	3.0	2.0	>15	
				2.0	1.5	>15	
				2.5	2.0	12.0	
				2.2	1.5	>15	
				2.3	1.8	>15	
				3.2	2.5	>15	
				3.0	2.5	>15	
				1.5	1.0	7	
				1.5	1.0	7	
				2.0	1.2	7	
1 - 3	7	11	7	3.0	1.6	>15	
				2.0	1.5	10	
				1.2	.8	>15	
				2.0	1.0	3	
				1.8	1.0	>15	
				2.5	2.0	>15	
				2.5	1.5	>15	
				2.0	1.5	>15	
				1.5	.8	>15	
				2.5	1.5	>15	
				2.8	1.5	>15	

Site 1. Clump & Sprout Data from the Fourth Inventory, 2001.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
1 - 1				5.5	5.0	3	
				5.7	4.5	3	
				6.3	6.3	11.0	
				8.2	6.3	11	
				8.0	7.5	8	
				6.0	4.5	7	
				7.0	6.0	4	
				7.5	7.0	4	
				5.8	4.6	8	
				5.0	4.9	3	
				7.3	5.5	6	
				3.3	3.2	2	
				6.0	4.5	3	
1 - 3	1	2	1	5.9	5.5	15	
				3.5	3.5	4	
				4.0	3.5	3	
				5.5	5.3	5	
				3.4	3.0	3	
				3.0	3.0	1	
				3.2	3.2	1	
				4.5	4.0	5	
				7.5	6.0	10	
				7.6	6.5	5	
				4.0	3.5	3	
				5.5	4.0	5	
				3.0	3.0	1	
				8.0	6.5	4	
				5.5	4.5	7	
				10.0	7.5	6	
				4.5	4.5	1	
				9.0	8.0	6	
				4.0	3.8	12	
				4.5	4.0	4	
				5.0	4.0	15	
				5.5	4.0	15	
				6.0	4.5	7	
				6.0	6.0	1	Natural
				4.4	4.0	5	
				3.6	3.5	2	

Site 2. Clump & Sprout Data from the Second Inventory, 1989.

	CLUMP DIAMETER			SPROUTS					
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Stump Ang. (°)	Stump Dia (in)	Other
2 - 1	2	3	0	3.1	2.6	9	20	11.5	
				6.5	3.3	7	50	11	
				7.0	2.9	>15	0	11	
				9.0	5.5	>15	0	14	
				6.5	4.5	7	0	12	
				5.0	4.5	7	0	10	
				8.0	5.0	>15	0	18	
				10.0	6.0	6	20	19	
				7.5	4.5	7	0	9	
				7.0	5.0	7	45	10	
				5.0	3.5	7	30	6	
				11.0	8.0	7	0	15	
				5.5	3.5	4	0	5	
				9.5	6.0	6	0	10	
				3.5	2.5	3	0	5	
				7.0	4.0	2	0	7	
				6.5	5.0	3	45	9	
				6.0	4.0	7	0	10	
				4.5	3.0	5	20	15	
				2.5	1.5	5	0	9	
				4.5	2.0	6	10	7	
				6.0	4.0	>15	0	10	
				5.5	2.0	>15	45	13	
2 - 3	3	2	0	8.0	4.0	5	0	14	
				7.5	3.0	8	0	11	
				4.0	2.5	8	0	13	
				3.0	2.0	4	10	16	
				3.5	1.5	5	45	9	
				3.0	<1	3	80	9	
				4.5	2.0	5	30	10	
				2.5	1.0	4	30	12	
				1.5	1.5	1	75	23	
				8.0	2.5	8	0	18	
				4.5	3.0	5	10	13	
				6.0	2.0	8	0	3	
				3.0	2.5	4	70	12	
				8.0	4.0	3	0	12	
				4.5	1.5	6	20	14	

Site 2. Clump & Sprout Data from the Third Inventory, 1996.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
2 - 1	0	0	0	180.0	120.0	7	
				144.0	96.0	5	
				144.0	96.0	3.0	
				96.0	60.0	11	
				216.0	96.0	8	
				216.0	144.0	4	
				144.0	120.0	5	
				120.0	72.0	11	
				180.0	120.0	9	
				120.0	96.0	2	
				108.0	72.0	6	
				168.0	168.0	1	
				240.0	144.0	2	
				15.6	12.0	5	
				180.0	180.0	2	
				144.0	120.0	6	
				96.0	96.0	4	
				96.0	96.0	1	
				264.0	192.0	5	
				120.0	96.0	2	
				120.0	72.0	4	
2 - 3	0	0	1	180.0	120.0	4	
				144.0	120.0	3	
				120.0	120.0	5	
				180.0	120.0	2	
				96.0	60.0	4	
				60.0	36.0	3	
				48.0	48.0	1	
				48.0	48.0	2	
				96.0	96.0	1	

Site 2. Clump & Sprout Data from the Fourth Inventory, 2001.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
2 - 1				40.0		1	
				44.0		1	
				42.0	40.0	2	
				26.0		1	
				30.0	27.0	4	
				28.0	26.0	2	
				24.0		1	
				20.0		1	
				16.0	12.0	3	
2 - 3							

Site 3. Clump & Sprout Data from the Second Inventory, 1989.

	CLUMP DIAMETER			SPROUTS					
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Stump Ang. (°)	Stump Dia. (in)	Other
3 - 1	27	2	0	1.5	<1	6	45	8	3' ht
				1.0	<1	3	0	7	
				2.0	<1	2.0	20	9	
				2.0	1.0	2	80	10	2.5'ht
				2.0	2.0	1	70	5	
				2.0	1.0	2	90	4	
				3.0	2.0	4	60	11	
				2.5	1.0	6	70	8	
				1.0	<1	2	30	12	
				3.0	1.5	11	0	11	
				3.0	1.0	5	70	7	
				5.0	2.0	7	80	11	
				<1	<1	1	80	5	
				2.0	1.0	5	60	8	
				2.0	<1	4	40	8	
3 - 2	11	0	0	1.5	1.5	2	0	5	
				1.0	<1	5	80	12	1.5' ht
				2.0	1.0	5	30	13	
				1.5	1.5	1	45	5	
				2.5	1.0	6	80	9	
				2.5	<1	10	30	11	
				2.0	<1	5	30	4	
				1.5	<1	2	85	3	
				1.0	<1	2	45	10	
				2.0	<1	4	30	7	
				2.5	1.0	2	60	10	
				2.0	1.0	3	60	5	
				2.0	2.0	2	90	3	
				<1	<1	2	90	4	
				1.5	<1	5	85	2	
				3.0	1.0	3	90	10	
				1.5	1.5	3	0	7	

Site 3. Clump & Sprout Data from the Third Inventory, 1996.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
3 - 1	5	5	1	16.0	10.0	5	
				84.0	60.0	7	
				28.0	19.0	5.0	
				6.0	6.0	1	
				60.0	24.0	>15	
3 - 2	0	0	0	20.0	20.0	1	
				10.0	10.0	1	
				72.0	60.0	4	
				24.0	16.0	6	

Site 3. Clump & Sprout Data from the Fourth Inventory, 2001.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
3 - 1	1	3		3.0	4.5	3	
				6.0	15.0	10	
3 - 2							

Site 4. Clump & Sprout Data from the Second Inventory, 1989.

	CLUMP DIAMETER			SPROUTS					
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Stump Ang. (°)	Stump Dia. (in)	Other
4 - 1	15	1	0	1.5	<1	5	0	8	
				1.0	1.0	4	10	5	
				3.0	2.0	2.0	20	6	
4 - 2	14	4	0	6.5	1.0	>15	0	15	1.5' ht
				3.0	<1	>15	0	21	1.5' ht
				3.0	3.0	2	70	26	
				4.5	2.0	>15	0	24	3' ht

Site 4. Clump & Sprout Data from the Third Inventory, 1996.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
4 - 1	3	3	1	15.0	15.0	2	
				9.0	9.0	1	
				25.0	12.0	3	
				34.0	20.0	6	
				23.0	20.0	2.0	
4 - 2	0	1	1	5.0	5.0	1	
				9.0	9.0	1	
				22.0	14.0	3	
				19.0	19.0	1	
				11.0	11.0	1	
				8.0	8.0	1	
				3.0	3.0	1	

Site 4. Clump & Sprout Data from the Fourth Inventory, 2001.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
4 - 1				12.0	12.0	1	NAT
				9.0	9.0	2	
				24.0	24.0	1	NAT
				10.0	8.0	4	
				10.0	10.0	3.0	
				7.0	5.0	8	
				28.0	25.0	2	
				10.0	5.0	6	
				14.0	10.0	3	
				8.0	8.0	1	NAT
				5.0	5.0	1	NAT
				20.0	20.0	1	NAT
				40.0	40.0	1	NAT
				10.0	7.0	4	
				12.0	9.0	3	
				13.0	9.0	6	
				11.0	11.0	1	NAT
				32.0	25.0	7	
				5.0	5.0	1	NAT
				4.0	4.0	1	NAT
				18.0	18.0	1	NAT
				14.0	12.0	2	
4-2				48.0	36.0	3	NATURAL
				18.0	18.0	1	NATURAL
				40.0	30.0	4	NATURAL
				20.0	20.0	4	
				24.0	24.0	1	NATURAL
				28.0	22.0	3	
				40.0	28.0	>15	
				42.0	30.0	>15	
				20.0	18.0	>15	
				36.0	30.0	10	NATURAL
				32.0	24.0	4	NATURAL
				18.0	16.0	6	NATURAL
				40.0	40.0	1	NATURAL
				38.0	28.0	>15	

Site 5. Clump & Sprout Data from the Second Inventory, 1989.

	CLUMPS			SPROUTS					
Site/Plot	A > 2' dia	B 2-3' dia	C >3' dia	Tallest (in)	Avg Ht. (in)	Number (count)	Stump Ang. (°)	Stump Dia. (in)	Other
5 - 1	17	2	0	1.0	<1	>15	20	28	
5 - 2	11	0	0	1.5	<1	7	60	10	
				<1	<1	4.0	30	14	

Site 5. Clump & Sprout Data from the Third Inventory, 1996.

	CLUMPS			SPROUTS			
Site/Plot	A > 2' dia	B 2-3' dia	C >3' dia	Tallest (in)	Avg Ht. (in)	Number (count)	Other
5 - 1	0	0	1	20.0	6.0	2	
				20.0	10.0	6	
				24.0	12.0	4	
5 - 2	2	2	0	18.0	12.0	14	
				20.0	12.0	3	
				38.0	21.0	>15	
				28.0	22.0	10	

NATURAL SPROUTS

Plot 5-1

Height (in)	Height (in)	Height (in)
6	9	15
8	9	7
9	9	10
4	6	16
4	6	6
4	4	15
4	4	6
4	19	16
9	8	4
9	15	8
		6

Plot 5-3

Height (in)
12
10

Site 5. Clump & Sprout Data from the Fourth Inventory, 2001.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
5 - 1				4.2	4.2	1	
				3.5	3.5	1	
				2.5	2.0	>15	
5 - 2				36.0	30.0	3	
				24.0	13.0	2	

NATURAL SPROUTS

Plot 5-1

Height (in)	Height (in)	Height (in)
3.0	4.0	6.0
3.0	4.0	7.0
3.0	4.0	7.0
3.0	5.0	7.0
3.0	5.0	8.0
4.0	5.0	8.0
4.0	5.0	8.0
4.0	5.0	8.0
4.0	5.0	8.0
4.0	6.0	8.0
4.0	6.0	

Plot 5-3

Height (in)	
3.0	5.0
4.0	4.0
2.0	5.0
5.0	

Site 6. Clump & Sprout Data from the Second Inventory, 1989.

	CLUMP DIAMETER			SPROUTS					
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Stump Ang. (°)	Stump Dia. (in)	Other
6 - 1	40	5	0	1.5	1.0	6	30	14	fire scar
				2.0	1.0	4	0	9	Bay
				1.5	1.0	>15	0	8	Bay
				1.5	<1	6	70	3	
				2.5	<1	6	60	8	1.5' ht
				4.5	2.0	5	45	10	3' ht
				3.5	<1	>15	20	9	
				1.5	1.5	1	60	6	1' ht
				1.5	1.0	5	45	9	1.5' ht
				1.0	1.0	1	60	5	
				2.0	<1	5	10	17	fire scar
				2.0	<1	6	60	5	
6 - 3	20	2	0	3.0	2.0	6	0	7	Bay
				2.5	<1	3	20	6	
				1.5	1.0	5	0	6	
				1.0	1.0	1	n/a	3	
				1.5	1.0	3	45	3	
				<1	<1	4	30	14	damaged
				3.0	1.5	4	10	7	
				1.5	<1	7	30	8	
				2.5	1.5	6	20	9	
				1.0	1.0	9	30	6	
				1.0	1.0	1	85	10	
				2.0	1.0	2	60	5	

Site 6. Clump & Sprout Data from the Third Inventory, 1996.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
6 - 1	40	5	0	1.5	1.0	6	
				2.0	1.0	4	
				1.5	1.0	>15	
				1.5	<1	6	
				2.5	<1	6	
				4.5	2.0	5	
				3.5	<1	>15	
				1.5	1.5	1	
				1.5	1.0	5	
				1.0	1.0	1	
				2.0	<1	5	
				2.0	<1	6	
6 - 3	20	2	0	3.0	2.0	6	
				2.5	<1	3	
				1.5	1.0	5	
				1.0	1.0	1	
				1.5	1.0	3	
				<1	<1	4	
				3.0	1.5	4	
				1.5	<1	7	
				2.5	1.5	6	
				1.0	1.0	9	
				1.0	1.0	1	
				2.0	1.0	2	

Site 6. Clump & Sprout Data from the Fourth Inventory, 2001.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
6 - 1				12.0	13.0	2	
				21.0	18.0	5	
				22.0	21.0	5.0	
				42.0	27.0	4	
				21.0	19.0	4	
				23.0	17.0	>15	
				14.0	13.0	6	
				24.0	16.0	8	
				27.0	19.0	>15	
				25.0	17.0	>15	
				21.0	12.0	>15	
				23.0	18.0	>15	
				37.0	28.0	>15	
				21.0	15.0	8	
				16.0	12.0	5	
				26.0		1	NATURAL
				19.0		1	NATURAL
				20.0	16.0	>15	
				24.0	20.0	2	
				48.0	36.0	>15	
				27.0	26.0	4	
				72.0	31.0	>15	
				32.0	24.0	>15	
				12.0	9.0	4	
				25.0	21.0	>15	
				14.0	10.0	6	
				14.0	11.0	5	
				20.0	13.0	7	
				13.0	11.0	5	
				12.0	10.0	>15	
				13.0	10.0	>15	
				13.0		1	NATURAL
				25.0	20.0	>15	
				24.0		1	NATURAL
				25.0	22.0	>15	
				55.0	36.0	>15	
				17.0	12.0	6	
				37.0	34.0	>15	
6-3				17.0	11.0	>15	
				14.0	14.0	1	NATURAL
				29.0	15.0	>15	
				28.0	28.0	1	NATURAL
				33.0	24.0	>15	
				28.0	17.0	>15	
				32.0	26.0	>15	
				29.0	16.0	>15	
				28.0	8.0	>15	
				42.0	22.0	>15	
				45.0	37.0	9	
				56.0	35.0	>15	
				30.0	23.0	>15	
				25.0	20.0	>15	
				21.0	16.0	>15	
				34.0	25.0	4	
				23.0	18.0	12	
				23.0	23.0	1	NATURAL
				26.0	26.0	1	NATURAL
				125.0	120.0	4	
				33.0	27.0	>15	
				38.0	38.0	1	NATURAL
				131.0	96.0	4	

Site 7. Clump & Sprout Data from the Second Inventory, 1989.

	CLUMP DIAMETER			SPROUTS					
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Stump Ang. (°)	Stump Dia. (in)	Other
7 - 1	5	0	0	1.5	<1	6	30	8	
7 - 2	12	2	0	<1	<1	2	5	8	
				1.5	<1	8.0	60	7	
				2.5	1.0	>15	0	3	
				<1	<1	1	45	12	

Site 7. Clump & Sprout Data from the Third Inventory, 1996.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
7 - 1	0	2	0	4.0	4.0	1	
7 - 2	0	2	1	24.0	14.0	4	
				19.0	10.0	3	
				24.0	24.0	1	
				56.0	26.0	>15	
				25.0	14.0	3	
				36.0	36.0	1	
				24.0	12.0	>15	

Site 7. Clump & Sprout Data from the Fourth Inventory, 2001.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
7 - 1				31.0	18.0	7	
				5.0		1	
				18.0		1	
				5.0		1	
				8.0		1	
				7.0		1	
				6.0		1	
				7.0		1	
				28.0	25.0	3	
				24.0	24.0	2	
				9.0	8.0	2	
				6.0	5.0	3	
				9.0		1	
				8.0	6.0	3	
				5.0	4.0	4	
				5.0		1	
				9.0		1	
				6.0		1	
				30.0		1	
				26.0	24.0	2	
				25.0		1	
7 - 2				35.0	25.0	15	
				33.0	24.0	16	

Site 8. Clump & Sprout Data from the Second Inventory, 1989.

	CLUMP DIAMETER			SPROUTS					
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Stump Ang. (°)	Stump Dia. (in)	Other
8 - 1	3	2	0	2.0	1.5	3	0	10	
				7.0	5.0	4	20	9	
				6.0	5.0	6.0	0	11	
				2.5	2.0	2	85	22	
				3.5	2.0	5	45	9	
				3.0	2.0	5	0	10	
				2.0	1.5	5	20	14	
				2.5	2.0	2	60	7	
				4.0	2.5	6	30	7	
				1.5	1.0	3	0	8	
				2.0	<1	2	45	11	
				2.5	1.0	4	70	9	
				3.0	3.0	1	0	9	
8 - 2	3	0	0	3.0	1.0	7	30	16	
				2.5	<1	3	80	20	
				3.0	2.0	4	0	12	
				2.5	1.5	4	0	5	
				3.0	2.5	3	15	15	
				3.0	2.0	6	15	11	
				3.5	1.5	7	30	12	

Site 8. Clump & Sprout Data from the Third Inventory, 1996.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
8 - 1	0	0	0	12.0	6.0	4	
				96.0	72.0	3	
				120.0	96.0	3	
				48.0	36.0	6	
				48.0	48.0	1	
				96.0	72.0	4	
8 - 2	3	0	1	96.0	96.0	1	
				84.0	48.0	5	
				60.0	48.0	4	
				180.0	120.0	3	
				60.0	38.0	>15	
				84.0	72.0	>15	
				84.0	78.0	7	
				96.0	96.0	2	
				24.0	24.0	1	
				60.0	48.0	2	

Site 8. Clump & Sprout Data from the Fourth Inventory, 2001.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
8 - 1							
8 - 2							

Site 9. Clump & Sprout Data from the Second Inventory, 1989.

	CLUMP DIAMETER			SPROUTS					
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Stump Ang. (°)	Stump Dia. (in)	Other
9 - 1	3	1	1	3.5	2.0	>15	30	14	
9 - 2	6	3	0	2.5	1.0	6	0	8	
				6.0	4.0	7.0	30	13	

Site 9. Clump & Sprout Data from the Third Inventory, 1996.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
9 - 1	1	1	1	12.0	12.0	1	
				15.0	9.0	2	
				48.0	24.0	>15	
				16.0	16.0	1	
				6.0	6.0	1	
				13.0	8.0	3	
				22.0	22.0	1	
				18.0	18.0	1	
				4.0	4.0	1	
				36.0	36.0	1	
9 - 2	1	3	1	24.0	20.0	2	
				48.0	36.0	>15	
				36.0	24.0	4	
				36.0	24.0	3	
				12.0	12.0	1	
				24.0	24.0	1	
				20.0	12.0	3	
				18.0	12.0	2	
				35.0	36.0	1	
				26.0	24.0	1	
				24.0	24.0	1	
				144.0	84.0	7	

Site 9. Clump & Sprout Data from the Fourth Inventory, 2001.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
9 - 1				6.5	6.0	4	
				4.0	3.0	2	
				7.0	4.5	3.0	
				12.0	12.0	1	
				5.0	5.0	2	
9 - 2				6.0	6.0	1	
				9.0	9.0	1	
				8.0	8.0	1	
				7.0	6.0	2	
				9.0	9.0	1	
				6.0	6.0	1	
				7.0	7.0	1	
				5.0	5.0	1	
				4.0	4.0	1	
				6.0	6.0	1	
				6.0	6.0	1	
				6.0	6.0	2	

Site 10. Clump & Sprout Data from the Second Inventory, 1989.

	CLUMP DIAMETER			SPROUTS					
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Stump Ang. (°)	Stump Dia. (in)	Other
10 - 1	23	1	0	1.5	<1	6	45	8	
				2.0	1.0	4	10	8	
10 - 3	22	2	0						

Site 10. Clump & Sprout Data from the Third Inventory, 1996.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
10 - 1	3	1	0				
10 - 3	1	0	0	26.0	12.0	7	

Site 10. Clump & Sprout Data from the Fourth Inventory, 2001.

	CLUMP DIAMETER			SPROUTS			
Site/Plot	A < 2'	B 2-3'	C >3'	Tallest (in)	Avg Ht. (in)	Number (count)	Other
10 - 1				6.0	1.0	1	
				6.5	6.0	6	
				32.0	3.0	22	
				6.5	6.5	1	Natural
10 - 3				5.5	5.5	1	Natural
				4.5	4.5	1	Natural
				6.0	5.0	2	Natural
				6.0	6.0	1	Natural
				8.0	6.0	2	Natural
				7.5	7.5	1	Natural
				4.5	9.5	1	Natural
				6.0	5.5	2	
				7.0	7.0	4	Natural
				6.0	6.0	1	Natural
				5.0	5.0	1	Natural

Appendix E

Field Data For The Sudden Oak Death Measurements
For The Years Of 2001, 2002, And 2003.

Sudden Oak Death Data -- Plot 1-1

SOD 2001 Data Sheets								SOD 2002 Data Sheets							SOD 2003 Data Sheets						
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	DBH	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	DBH	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
1	1	14	2	2	SS			14	2	2			9		14	1	2	SS		9	
2	1	26	2	2	SS			26	2	2			9		26	1	2			9	
3	1	10	3	4	SS,YD,BTT,SB			10	3	3	YD,BT,SB		9		10	3	3	YD,BT,SS,BI		9	
4	1	14	3	2				14	2	3	Y		9		14	2	2	Y,BI		9	
5	1	12	3	4	YD,SS,BT			12	2	2	YD		9		12	2	2	YD,SS,BI,CB		9	
6	1	20	2	1	SS,SB			20	2	2	SB,BI,Y		9		20	2	1	SB,BI,Y,YD		9	
7	1	14	3	2	BS,YD,CB			14	2	2	SB,YD,BI		9		14	2	2	SB,YD,BI		9	
8	1	34	2	1	SB,SS			34	2	2	SB,BI,Y		9		34	2	2	BI,Y,YD,SS		9	
9	1	16	3	2	SS,YD,SB			16	2	2	YD,SB,BI		9		16	2	2	YD,SB,BI,SS		9	
10	1	40	2	2	CB,SB			16	2	2	SB,Y,BI		9		16	2	2	SB,Y,BI,YD,CB		9	
11	1	16	3	2	Y,SS,SB,D			16	3	3	Y,SB		9		16	2	2	Y,SB,BI,YD,CB,SS		9	
12	1	14	3	2	CB,YD,SS,SB			14	3	2	SB,Y		9		14	2	2	SB,YBI,CB,SS,YD		9	
13	1	12	3	2	SS,BT			12	2	2	BT,Y		9		12	2	2	Y,BI,YD,SS,CB		9	
14	1	20	3	1	YD,D			20	2	1	YD,SB		9		20	2	1	YD,SB,BI,Y,CB		9	MOVED TAG FROM DECAY REG.
15	2	10	3	4	YD,BT,SS,SB,D			10	3	3	YD,SB		9		10	3	2	YD,SB,BI,Y		9	
16	2	12	3	2	SS,SB,Y			12	2	2	Y		9		12	2	2	Y		9	
17	2	10	3	2	SS,SB,BT			10	2	2	BT		9		10	2	2	BT,Y,SS		9	
18	2	10	3	4	BT,SS,SB,D			10	3	1	BT,SS,SB		9		10	3	1	BT,SS,SB,BI,YD		9	
19	2	12	3	1	BT,SS,SB,D		TWIG GALL	12	3	2	BT,SS,SB,DT		9	TWIG GALL	12	3	1	BT,SS,SB,YD,BI		9	TWIG GALL
20	2	8	3	2	YD,SB,SS,D			8	3	2	YD,SB,SS,YD		9		8	3	2	YD,SB,SS,BI,Y,DT		9	
21	2	16	3	2	YD,SB,SS,D			16	3	1	YD,SB		9		16	3	1	YD,SB,BI,SS		9	
22	2	14	3	1	BT,SS,SB,YD,D			14	3	2	SB,YD		9		14	3	1	SB,YD,SS,BI,Y		9	
23	2	16	3	2	SS,SB,YD,D			16	2	2	SB,YD		9		16	2	2	SB,YD,SS,Y		9	
24	2	10	3	2	SB,YD,D			10	3	2	SB,YD		9		10	3	2	SB,YD,BI		9	MOVED TAG FROM DECAY REG.
25	2	12	3	2	SS,CB,D			12	3	2	SS,Y		9		12	3	2	SS,Y		9	
26	2	16	3	2	SS,CB,SB			16	3	2			9		16	3	2	BI,SB,Y,SS		9	
27	2	8	3	1	YD,SS,SB,DT,D			8	3	3	SS,SB,BT,Y		9		8	3	3	SS,SB,BT,Y,BI		9	
28	2	14	3	1	YD,SB,D			14	3	2	YD,SB		9		14	3	1	YD,SB,BI		9	ALMOST DEAD,DECAY @ BASE
29	3	8	3	1	YD,BT,SS,SB,D			8	3	1	YD,SS,SB		9		8	3	1	YD,SS,SB,BI		9	
30	3	14	3	1	CB,YD,SB,SS,D			14	3	2	YD,SB,SS		9		14	2	2	YD,SB,SS,BI		9	
31	3	20	3	1	YD,SB,SS,D			20	3	2	YD,SB		9		20	3	2	YD,SB,BI,SS		9	OLD # WAS 31, RETAGGED AS 287
32	3	12	3	4	YD,SS,SB,D			12	3	2	YD,SB		9		12	3	2	YD,SB,BI,SS		9	
33	3	8	3	2	YD,SS,SB,BI,D			8	3	2	SB,BI,Y		9		8	3	2	SB,BI,Y,BT,YD,SS		9	
34	3	8	3	1	YD,SS,SB,BT,D			8	3	1	YD,SB,BT		9		8	3	1	YD,SB,BI,DT		9	
35	3	10	3	2	YD,SS,SB,D			12	3	2	YD,SS,SB,BT		9		12	3	1	YD,SS,SB		9	DEAD SIDE BRANCHES
36	4	14	3	2	YD,SS,SB,D			14	2	3	YD,SS,SB		9		14	2	2	YD,SS,SB,BI		9	
37	4	10	3	2	YD,SS,SB,D			10	2	2	BT		9		10	2	2	BT,SS,SB,YD		9	
38	4	10	3	2	YD,SS,SB,BT,D			10	2	2	YD,SS,SB		9		10	3	2	YD,SS,SB,BI		9	ALMOST DEAD
39	4	10	3	2	YD,SS,SB,D			10	2	2	SS,SB,D		9		10	2	2	SS,SB,D,YD		9	
40	4	16	2	2	YD,SS,D			16	2	2	YD,SS,YD		9		16	2	2	YD,BI,Y		9	
41	4	18	2	1	YD,SS			18	2	2	YD		9		18	2	2	YD,BI,Y		9	
42	4	14	3	2	YD,SS,SB,D		ALMOST DEAD	14	3	2	YD,SS,SB,D		9	ALMOST DEAD	14	3	2	YD,SS,SB,D		9	DEAD
43	4	14	3	2	YD,SS,SB,D			14	3	3	YD,SS,SB,D		9		14	3	2	YD,SS,SB,D,BI		9	
44	4	16	3	2	SS,SB,YD,D			16	3	2	SS,SB,YD		9		16	3	2	SS,SB,YD,BT		9	DEAD
45	4	12	3	2	YD,SS,SB,D			12	3	3	YD,SS,SB,BT		9		12	3	2	YD,SS,SB,BT		9	
46	4	44	3	3	YD,SS,SB,D			44	2	3	YD,SS,SB		9		32	2	2	YD,SS,BI,Y		9	1/2 OF TREE FELL OVER
47	4	16	3	2	YD,SS,SB,D			16	2	3	YD		9		16	2	3	YD,BI		9	
48	4	16	3	2	SS,YD,D			16	2	3	SB,Y		9		16	2	3	SB,Y,YD,BI		9	

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 1-2

**SOD Plot center moved 32.4'N of original center to avoid overlap with Plot 1-2

SOD 2001 Data Sheets								SOD 2002 Data Sheets							SOD 2003 Data Sheets						
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
49	1	10	3	2	D,SB,SS			10	3	3	SB,BT		9		10	3	2	SB,BT,CB,BI		9	
50	1	8	3	2	BT,SB,SS			12	3	3	BT,SB,YD		9		12	3	2	BT,SB,YD,BI		9	BROKEN LIMB,LEANING ON TREE #49
51	1	14	2	2	CB,SB,SS			14	2	2			9		14	2	2	SS,Y		9	
52	1	10	3	1	D,YD,SB,SS			10	3	3	YD,SB		9		10	2	2	YD,SB,Y,BI		9	
53	1	16	3	1	D,YD,SB,SS			16	3	2	YD,SB,SS		9		16	3	2	YD,SB,SS,BI		9	
54	1	24	3	1	Y,D			24	3	2	Y,D,SB		9		24	3	2	Y,D,BI,YD		9	
55	4	14	3	1	D,SS,SB,YD			14	3	2	YD,BI,BT		9		14	3	2	YD,BI,BT		9	
56	4	16	3	4	D,BT			16	3	3	BT,YD		9		16	3	3	BT,YD,BI		9	SCORCHED UPHILL SIDE
57	4	10	3	2	BT,D,SS,SB,YD			10	2	3	SB,YD,BI		9		10	3	2	SB,YD,BI,BT,SS		9	
58	4	24	3	1	D,YD			24	2	1	D,YD,SB		9		24	2	1	D,YD,SB,SS,BI		9	
59	4	16	3	2	YD,D,SS			16	3	2	YD		9		16	3	2	YD,SS,BI		9	
60	4	14	3	2	SS,D,SB			14	3	2	YD		9		14	3	2	YD,BI,SS		9	BROKEN SIDE LIMB,DEAD SIDE LIMB
61	4	12	3	2	SS,SB,YD,D			12	3	3	YD		9		12	2	3	YD,SS		9	
62	4	20	3	2	SS,SB,YD,D			20	3	2	YD		9		20	2	2	YD,BI,SB		9	
63	4	16	3	2	SS			16	2	2	SB		9		16	2	2	SS		9	LARGE BROKEN LIMB
64	4	24	3	1	D,YD			24	2	2	BI,Y		9		24	2	2	BI,Y,YD		9	
65	4	16	3	4	D,YD,SS			16	2	3	Y		9		16	3	3	Y,SS,YD,BI		9	DEAD SIDE BRANCH
66	4	14	3	2	SS,YD,D			14	3	3	YD		9		14	3	3	YD,SS,BI		9	
67	4	22	3	1				22	2	2	Y		9		22	2	2	Y,BI		9	
68	3	12	2	4	BT,YD,D,SS		Near death	12	3	3	BT,YD,SB		9	Near death	12	3	3	BT,YD,SB,BI		9	Near death
69	3	18	3	2	SS,SB			18	1	2			9		18	1	2	CB,SS		9	
70	3	50	2	4	BT,SS,D			42	3	3	SS,SB,YD		9		42	3	3	SS,YD		9	NEAR DEATH, SCORCHED STEM CAVITY
71	3	18	3	2	SS,SB,D,YD		Near death	18	3	2	SB,YD		9	Near death	18	3	2	SB,YD,Y,SS		9	Near death, LOOKING BETTER
72	3	10	3	4	D,YD,SS,SB		Near death	10	3	3	SB,BT		9	Near death	10	3	3	SB,BT		9	Near death, LOOKING BETTER
73	3	10	3	2	BT,D,YD,BS			10	3	3	YD,BS,DT		9		10	3	3	YD,SB,BT,BI		9	
74	3	14	3	2	BT,SS,SB,YD,D			14	3	3	BT,SS,SB,YD		9		14	3	3	BT,SS,SB,YD,BI		9	
75	3	14	3	2	YD,D,SB,SS,BT			14	3	3	YD,SB,BT		9		14	3	3	YD,SB,BT,BI		9	
76	3	22	3	1	D,YD,SS			22	3	3	YD,SS		9		22	3	2	YD,SS,CB		9	
77	3	30	3	2	D,YD,SS,SB			30	99	2			9	DEAD	30	99	2			9	DEAD
151								2	1	3			8	MADRONE	2	1	3			8	MADRONE
153								6	1	3			8	MADRONE	6	1	3	SB		8	MADRONE
154								4	1	3			8	MADRONE	4	1	3			8	MADRONE
155								4	1	3			8	MADRONE	4	1	3			8	MADRONE
156								6	1	3			8	MADRONE	6	1	3			8	MADRONE
157								4	1	3			8	MADRONE	4	1	3	SB		8	MADRONE
158								6	1	3			8	MADRONE	6	1	3			8	MADRONE
159								2	2	4			8	MADRONE	2	2	4			8	MADRONE
160								4	1	3			8	MADRONE	4	1	3	SB		8	MADRONE
161								6	1	3			8	MADRONE	6	1	3	SB		8	MADRONE
162								4	1	3			8	MADRONE	4	1	3	SB		8	MADRONE
163								6	1	3			8	MADRONE	6	1	3	SB		8	MADRONE
164								4	1	2			??	KNOBCONE PINE	4	1	2			6	KNOBCONE PINE
165								2	1	2			??	KNOBCONE PINE	4	1	2			6	KNOBCONE PINE
166								2	1	3			8	MADRONE	2	1	3	SB		8	MADRONE
167								4	1	3			8	MADRONE	4	1	3	SB		8	MADRONE
168								1	1	3			8	MADRONE	2	1	3	SS		8	MADRONE
169								1	1	2			8	MADRONE	2	1	2	SS		8	MADRONE
170								2	1	2			8	MADRONE	2	1	2	SS		8	MADRONE

These trees were not there in 2001.

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
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5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 1-3

SOD 2001 Data Sheets								SOD 2002 Data Sheets							SOD 2003 Data Sheets						
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species code	Remarks
78	1	14	3	2	SB,CB			14	3	2			9		14	2	2	SB,Y		9	
79	1	8	3	3	SB,SS,BT			8	3	3	SB,BT		9		8	3	3	SB,BT,Y,BI		9	
80	1	10	3	3	YD,SS,BT			10	3	3	BT,BI		9		10	3	3	BT,BI,YD,Y		9	
81	1	6	3	3	BT,SS,SB			6	3	3	BT,SB,YD		9		6	3	3	BT,SB,YD,BI		9	
82	1	10	3	2	SS,SB,BT			10	2	3	SB,BT		9		10	2	2	SB,BT,SS,BI,Y,YD		9	
83	1	8	3	2	YD,SS,BT,D			8	3	3	YD,BT,SB		9	NEAR DEATH	8	3	2	YD,BT,SB,BI,SS		9	NEAR DEATH
84	1	10	3	2	YD,SS,SB,D			10	3	3	YD,SB,BT		9	NEAR DEATH	10	3	2	YD,SB,BT,SS,BI		9	NEAR DEATH
85	1	22	2	1	SB,YD			22	2	2	SB,YD		9		22	2	2	SB,YD,BI,Y		9	
86	1	14	3	3	SS,YD,BT			14	3	2	SS,SB		9		14	3	2	SS,SB,BI,YD		9	
87	1	16	3	3	BT,CB			16	2	1	BT,Y,BI		9		16	2	1	BT,Y,BI,YD		9	
88	1	10	3	3	BT,SS,SB,YD			10	3	3	BT,YD		9		10	3	3	BT,YD,BI,SB,SS		9	
89	1	12	3	2	SS,SB,YD			12	2	3	SB,YD		9		12	3	3	SB,YD,Y,SS,CB		9	
90	4	8	3	3	D,SS,SB,BT,Y			8	3	2	SB,BT,Y,DT,BI		9		8	3	2	SB,BT,Y,DT,BI		9	DEAD, FELL OVER
91	4	20	3	1	D,Y,SS,SB			20	2	2	SB,YD		9		20	2	2	SB,YD,BI,SS		9	
92	4	18	3	2	YD,D,SS,SB			18	2	2	YD,SB		9		18	2	2	YD,SB,Y,BI		9	
93	4	16	3	2	SS,SB,YD			14	2	2	SB,YD		9		14	2	2	SB,YD,Y,BI,BT,SS		9	
94	4	14	3	2	SS,SB,CB			14	3	2	SB		9		14	2	2	SB,Y,SS		9	BRANCH SCAR 12' UP FROM BASE
95	4	14	3	2	Y,SS,SB			14	2	2	SB,BI		9		14	2	2	SB,BI,YD,SS,Y		9	
98	2	12	2	1	CB,Y			12	2	2	CB,Y		9		12	2	2	BI		9	
100	2	8	3	3	BT,YD,SS,SB,D			8	3	4	BT,YD,SB		9		8	3	4	BT,YD,SB,SS,BI,Y		9	
101	2	12	2	2	Y,BT,SS			12	2	2	Y,SB		9		12	2	2	Y,SB,BI,YD		9	
102	2	10	3	2	SS,SB,YD,YD,D,BT									Plot moved; tree not in new plot							Plot moved; tree not in new plot
103	2	6	3	2	SS,SB,YD,BT,D									Plot moved; tree not in new plot							Plot moved; tree not in new plot
104	2	12	3	2	SB,YD,SS			12	3	3	SB,YD,BT		9		12	3	2	SB,YD,BT,BI,Y		9	
105	2	16	3	1	YD,SS,D			16	3	2	YD,BI		9		16	3	2	YD,BI,SS		9	BROKEN SIDE BRANCHES
108	2	10	3	3	D,SS,SB		LEANING	10	3	3	SB,YD		9	LEANING	10	3	2	SB,YD,SS		9	LEANING,REATTACHED TAG
109	2	26	3	2	YD,SS			26	3	2	YD,BI		9		26	3	2	YD,BI,Y		9	
110	2	18	2	2	CB,SS			18	2	2			9		18	2	2	Y		9	
111	2	16	3	2				16	2	2			9		16	2	2	Y		9	
112	2	8	3	3	YD,SS,BT			8	3	3	YD,DT		9		8	3	3	YD,DT,BI,Y,BT		9	MOVED TAG FROM DECAY REG.
113	2	44	2	2	SB,SS			44	2	2	SB		9		33	2	2	SB,Y		9	

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury

**SOD Plot center moved 32.4'N of original center to avoid overlap with Plot 1-2

*SOD Co
Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
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4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 2-1

SOD 2001 Data								SOD 2002 Data							SOD 2003 Data						
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Speceis Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Speceis Code	Remarks
837	4	4	1	3				4	2	3			9		4	2	3			9	
873	4	14	2	2	CB,SB			12	2	2	SB		9		12	2	2	SB		9	
838	3	16	1	2	CB			16	1	2			9		16	1	2			9	
874	4	2	2	3				4	2	3			9		4	2	3			9	
875	4	2	2	3				4	2	3			9		4	2	3			9	
839	4	2	1	3				4	2	3			9		4	2	4			9	
876	4	16	2	2	CB,SS			16	2	2			9		16	2	2	CB		9	
840	4	4	2	2	CB,SB			6	2	3	SB		9		6	2	3	SB,CB		9	
841	4	5	2	2	SB,CB			6	2	3	SB		9		6	2	3	SB,CB		9	
877	4	14	2	2	CB,SS		LEAF SPOT	18	2	2			9	LEAF SPOT	18	2	2	BI (HEALED OVER)		9	LEAF SPOT
842	4	4	2	3				6	2	3	SB		9		6	2	3	SB		9	
878	4	2	2	3			LEAF SPOT	4	2	3			9	LEAF SPOT	4	2	4			9	LEAF SPOT
843	4	2	3	4				4	2	3			9		4	2	3			9	
844	4	2	3	4				4	2	3			9		4	2	3	SB		9	
879	4	4	3	3	SS		LEAF SPOT	4	2	3			9	LEAF SPOT	4	2	3			9	LEAF SPOT
845	4	10	2	2	CB			12	2	2			9		12	2	2			9	
880	4	12	2	3			LEAF SPOT	10	2	2			9	LEAF SPOT	10	2	2			9	LEAF SPOT
881	4	4	2	3				6	2	3			9		6	2	3			9	
846	4	4	2	3				6	2	3			9		6	2	4			9	
847	4	2	1	3				4	2	3			9		4	2	3	SB		9	
882	4	4	2	3				4	2	3			9		4	2	3			9	
848	4	6	3	3				6	2	3			9		6	2	3			9	
849	4	6	2	2	SS			4	2	3			9		4	2	3	SB		9	
883	4	14	2	2	CB			12	1	2			9		12	1	2			9	
850	4	4	3	3				4	2	3			9		4	2	3			9	
851	4	6	2	2	CB			6	2	3			9		6	2	3			9	
852	4	6	2	3	CB			6	2	3			9		6	2	3			9	
884	4	16	1	1	CB			16	1	1			9		16	1	1			9	
885	4	2	3	4				4	2	3			9		4	2	3	SB		9	
853	4	4	3	4				4	2	3			9		4	2	4			9	
854	4	4	2	3				4	2	3			9		4	2	3			9	
855	4	2	3	4				2	2	3			9		2	2	3			9	
886	1	14	2	2			LEAF SPOT	14	2	2			9	LEAF SPOT	14	2	3			9	LEAF SPOT
887	1	14	1	1	CB			14	1	2			9		14	1	2			9	
856	1	6	2	3				6	2	3			9		6	2	3	CB		9	
857	1	6	2	3				8	2	3			9		8	1	2	SB		9	
888	1	34	1	1	CB,SS			22	1	1			9		22	1	2	SB		9	
889	1	4	1	1				4	2	3			9		4	2	3			9	
890	1	4	1	1				4	2	2			9		4	2	2			9	
891	1	4	1	2				4	2	3			9		4	2	3			9	
892	1	4	1	2				4	2	3			9		4	2	3			9	
893	1	20	1	1				20	1	1			9		20	1	1	CB,SB		9	
894	1	2	2	3				4	2	3			9		4	2	3			9	
895	1	4	2	3				4	2	3			9		4	2	3			9	
896	1	4	3	4				6	2	3			9		6	2	3	SB		9	
897	1	16	1	2	CB			14	2	1			9		14	1	2			9	DECAY @ BRANCH WOUND
898	1	4	2	2				4	2	3			9		4	2	2			9	
899	1	14	2	2	SS			14	1	1			9		14	2	3	BT,SS		9	
900	1	16	1	1	CB			16	1	1			9		16	1	1			9	
901	1	2	2	3				2	2	3			9		2	3	3			9	
932	1	2	3	4			LEAF SPOT	4	2	3			9		4	2	4			9	
902	1	4	2	3	CB			4	2	3			9	LEAF SPOT	4	2	3			9	LEAF SPOT
933	1	8	3	4	SS			8	2	3			9		8	2	3			9	P. OAK CLIMBING TREE
903	2	8	1	2	CB			10	2	2			9		10	2	2	SB		9	
934	2	24	1	1	CB,SS			24	1	1			9		24	1	1			9	P. OAK CLIMBING TREE
935	2	22	1	2	CB			22	1	1			9		22	1	2			9	P. OAK CLIMBING TREE
904	2	24	1	1	CB,SS			24	1	1			9		24	1	1			9	
905	2	20	1	2	CB,SS			18	2	2			9		18	2	2			9	
936	2	4	1	3				6	2	3			9		6	2	3	SB		9	
906	2	2	1	3				4	2	3			9		4	3	4	SB		9	
907	2	20	2	2	CB,SS			20	1	2			9		20	1	2	CB		9	
908	3	10	2	2	SS			10	2	2			9		10	2	2	SS		9	
937	3	4	2	2				6	2	3			9		6	2	3			9	
938	3	4	2	2				6	2	3			9		6	2	3			9	
910	3	4	1	2				6	1	3			9		6	2	3			9	
939	3	2	2	2				6	2	3			9		4	2	3			9	
911	3	2	1	2				2	2	3			9		2	2	3			9	
940	3	6	2	2				6	2	3			9		6	2	3			9	
912	3	4	1	2				4	1	3			9		4	2	3	SB		9	
941	3	4	2	2				6	2	3			9		6	2	3			9	
942	3	6	2	2				6	2	3			9		6	2	3	SB		9	
913	3	12	1	2	SS,BI			14	2	2	BI		9		14	2	2	BI		9	
914	3	26	1	1	CB			22	1	1			9		22	1	1			9	
915	3	4	2	3				4	1	3			9		4	1	3			9	
916	3	4	1	3				4	1	3			9		4	1	3			9	
945								6	2	3			9	confirm tree location in field	6	2	3	SB		9	IN QUAD 3 NOT 4
172								4	2	2				new tree, confirm location in field	4	2	2				new tree,IN QUAD 2
173								2	1	3				new tree, confirm location in field	2	1	3				new tree, confirm location in field,NOT FOUND
909								14	2	2			9	new tree, confirm location in field	14	1	1			9	

Trees not there in 2001.

Sudden Oak Death Data -- Plot 2-2

SOD 2001 Data Sheets								SOD 2002 Data Sheets							SOD 2003 Data Sheets						
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
401	1	12	2	3	CB			12	2	3			9		12	2	3	SS		9	LEANING
331	1	8	1	2				10	2	3			9		10	2	3			9	
402	1	20	2	2	CB			20	1	2			9		20	2	2			9	
332	1	16	1	2				16	2	2			9		16	2	2	SS		9	
333	1	10	1	2				12	2	2			9		12	2	2			9	
403	1	12	3	4	SS,CB			12	3	4			9		12	3	4	BT,YD		9	LEANING,ROT ON UNDERSIDE OF LIMB
404	1	12	2	3	SS,CB			12	2	3			9	dead limb	12	2	3			9	dead limb
334	1	18	1	2				18	2	2			9		18	2	2			9	
405	1	22	1	1	CB			22	1	2			9		22	1	2			9	
335	1	6	3	4	SS,LEANING			6	3	4			9	leaning	6	3	4			9	leaning
406	1	18	2	33	CB			16	2	3			9		16	2	3			9	
336	1	16	1	2				16	2	2			9		16	2	2			9	
407	1	8	3	4	DT,SS,BI			8	3	4	YD		9		8	3	4	YD,DT,BT,SS		9	
337	1	14	1	2	SS			16	2	2			9		16	2	2	SB,SS		9	OOZE 5' UP,CHIPPED INTO BARK
408	1	18	2	2	CB,BI,HR			16	2	2	BI		9		16	2	2	BI		9	LEANING ON 334
338	1	16	1	2	SS			18	2	2			9		18	2	2	SS		9	OOZE @ BASE ON UPHILL SIDE,CHIPPED INTO BARK
409	1	10	3	2	SS,CB			10	2	3			9		10	3	3	BI,CB		9	TRUNK CAVITY,DEAD SIDE LIMB
339	1	10	1	2	SS			10	2	2			9		10	2	2			9	OOZE @ BASE,CHIPPED INTO BARK
410	1	22	1	1	SS,CB			20	2	2			9		20	1	2			9	
340	1	28	1	2	CB			22	2	1			9		22	2	1			9	
411	1	14	2	4	SS			12	2	3			9		12	2	3			9	FELL OVER,DEAD,MOVED TAG
341	1	10	2	4				12	2	4			9		12	2	4			9	FELL OVER,DEAD,MOVED TAG
412	1	10	2	3				10	2	3			9		10	2	3			9	
342	1	10	2	2	SS,CB			12	2	3			9		12	2	3			9	LEANING ON 340
413	1	14	2	2	CB,LEANING			14	2	2			9	leaning	14	2	2			9	leaning
414	2	28	2	2	SS,BI, DOWN & STILL GROWING			30	2	3	BI	***	9	lying down	30	2	2	BI	2001	9	lying down,FELL OVER,ROOT BALL SHOWING
344	2	4	3	4				4	2	4			9		4	3	4			9	
415	2	8	3	4				8	3	4			9		8	3	3			9	
345	2	8	2	4				8	3	3			9	dead limb	8	3	3			9	dead limb
346	2	6	3	4	SS			6	3	4			9		6	3	4	SS		9	
347	2	8	2	4	SS			8	2	3			9	dead limb	8	3	4			9	dead limb
416	2	16	2	2	CB			16	2	1			9		16	2	1			9	
417	2	14	2	2	CB,SS			14	2	2			9		14	2	2			9	
348	2	10	2	2	SS			12	2	2			9		12	2	2			9	
349	2	10	3	4	SS			12	2	3			9		12	2	3	SS		9	
350	2	12	1	1	SS			14	2	2			9		14	2	2			9	
418	2	10	2	3				10	2	3			9		10	2	2	SS		9	
419	2	22	1	1	Y,BI,CB			20	1	1	BI		9		20	1	1	BI		9	
448	2	20	1	2	CB			20	1	2			9		20	1	2			9	
420	2	2	3	4				2	3	3			9		2	3	3			9	
421	2	10	1	3	CB			10	2	3			9		10	2	3			9	
449	2	10	2	3	SS			8	2	3			9		8	2	3	SS		9	
450	2	8	3	4	SS			8	2	3			9		8	3	3			9	
422	2	12	1	2	SS			12	2	2			9		12	2	2			9	
423	2	16	1	2	CB,SS			18	2	2	SB,SS		9		18	2	2	SS		9	
424	2	8	2	4	SS			10	2	4			9	LYING DOWN	10	2	4	SS		9	LEANING
451	3	12	2	2				12	2	2			9		12	2	2			9	
452	3	6	3	4				6	3	4			9		6	3	4	SS		9	
425	3	16	1	1				18	2	2			9		18	2	2			9	
453	3	12	2	3				12	2	2			9		12	2	2			9	
426	3	12	1	2				12	2	3	BI		9		12	2	3	BI,CB		9	
454	3	12	2	3				12	2	3			9		12	2	3	SS		9	
427	3	18	1	2				18	2	2			9		18	2	2			9	
455	3	12	2	2				10	2	2			9		10	2	2			9	
428	3	12	1	2				14	2	2			9		14	2	2			9	
456	3	10	2	4				8	2	4			9		8	3	4	SS		9	
429	3	14	1	2				16	2	2			9		16	2	2			9	
457	3	12	2	3				12	2	3			9		12	2	3	BI		9	
430	3	12	1	2				14	2	2			9		14	2	2			9	
458	3	10	3	4				8	3	3	DT		9		8	3	3	DT,BT		9	
431	3	8	1	2				8	2	3			9		8	3	3	STEM CAVITY		9	
459	3	8	3	4				10	3	4			9		10	3	4			9	
432	3	10	3	2				10	3	4			9	lying down	10	3	4	STEM CAVITY W/ ROT,BI,CB		9	LEANING
433	3	8	1	3				10	2	3			9		10	3	3			9	
460	3	16	2	3				16	2	3			9		16	2	2			9	
434	3	18	1	2				16	2	3			9		16	2	2			9	
461	3	14	1	2				14	2	2			9		14	2	2			9	

Sudden Oak Death Data -- Plot 2-2 (continued)

435	3	12	1	2		14	2	2		9		14	2	2		9	
436	3	10	2	2		10	2	3	BI	9		10	2	3	BI (HEALED OVER)	9	
462	3	10	2	2		10	2	2		9		10	2	2		9	LEANING ON 436
463	3	16	2	2		14	2	2		9		14	2	2		9	BROKEN SIDE LIMB W/ DECAY
437	3	18	1	2		18	2	3		9		18	2	3	SS	9	
464	3	16	2	2		16	2	2		9		16	2	2		9	
465	3	16	2	3		14	2	3		9	large dead branch	14	2	3	SS	9	large dead branch,STEM CAVITY
438	3	12	1	2		12	2	2		9		12	2	2		9	
439	3	4	3	4		4	2	4		9		4	3	4	DT	9	
466	3	10	2	2		10	2	2		9		10	2	2		9	
467	3	10	2	3		10	2	2		9		10	2	2		9	
440	3	12	1	2		12	2	2		9		12	2	2		9	
468	3	10	2	3		10	2	2		9		10	2	2		9	
441	3	10	1	2		10	2	2		9		10	2	2		9	
469	3	8	3	4		8	2	3		9		8	3	4		9	DEAD SIDE BRANCH
442	3	14	1	2		14	2	2		9		14	2	2		9	
443	3	8	2	2		10	2	3		9		10	2	3		9	
470	4	12	2	2		10	3	3		9		10	2	3		9	
444	3	10	1	2		10	2	2		9		10	2	2		9	
471	4	6	3	4		8	3	4		9		8	3	4		9	LEANING
472	4	14	2	1		14	2	2		9		14	2	2		9	
473	4	8	3	3		8	2	2		9		8	2	2		9	
445	4	12	1	2		14	2	2	BI	9		14	2	2	BI	9	
474	4	12	2	3		12	2	3		9		12	2	3		9	LEANING ON 469
446	4	16	1	1		16	1	2		9		16	2	2	CB	9	
447	4	10	1	2		10	2	3		9		10	2	3		9	
475	4	8	2	3		8	2	3		9		8	2	3		9	DEAD SIDE LIMB
488	4	10	2	2		8	2	3	BI	9		8	2	3	BI	9	
476	4	6	3	4		6	3	4		9		6	3	4	SS	9	
477	4	12	1	1		14	2	2		9		14	2	2		9	
489	4	16	2	2		16	2	2		9		16	2	2		9	DECAY @ BROKEN BRANCH
478	4	10	1	2		10	2	2		9		10	2	2	CB	9	
490	4	16	2	2		14	2	2		9		14	2	2		9	
479	4	10	2	2		10	2	3		9		10	2	3		9	2 DEAD SIDE LIMBS
480	4	8	3	2		10	3	3		9		10	3	3		9	
491	4	10	2	3		10	2	2		9	checked SOD, no zone lines	10	3	2		9	checked SOD, no zone lines
481	4	10	2	2		10	2	3		9		10	2	3		9	
492	4	8	2	3		10	2	3		9		10	2	3		9	
482	4	20	1	2		14	2	3		9		14	2	3		9	
483	4	8	3	3		6	3	3		9		6	2	3		9	
493	4	8	2	4		8	2	3		9		8	2	3	BI	9	OOZE, CHIPPED INTO BARK
484	4	6	3	4		6	3	4		9		6	3	4		9	
485	4	6	3	2		6	3	4		9		6	3	4		9	
494	4	14	2	2		16	1	2		9		16	2	2	BI,CB	9	
486	4	18	1	2		20	2	2		9		20	2	2		9	DEAD SIDE LIMB
487	4	6	2	4		8	2	3		9		8	2	3		9	

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 2-3

SOD 2001 Data Sheets							SOD 2002 Data Sheets							SOD 2003 Data Sheets						
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
801	1	22	1	1	CB		22	1	1	BI		9		22	1	2	BI		9	
802	1	20	1	1	CB		22	2	1	CB		9		22	2	2	CB		9	
803	1	16	1	2	CB		16	2	2			9		16	2	2			9	
804	1	16	2	3	BI,CB,BROKEN LIMBS		14	2	2			9	brocken limbs	14	2	2	BI		9	brocken limb,DEAD DECAYING SIDE LIMB
805	1	14	2	2	CB		14	2	2			9		14	2	2	SS		9	
806	1	18	2	2	CB,SS		18	2	2	CB,SB		9		18	2	2	CB		9	LEANING
807	1	20	1	1	CB,SS		22	1	2			9		22	2	2			9	
808	1	14	2	2	CB		14	2	2			9		14	2	2			9	
809	1	4	2	3			4	2	3			9		4	2	3			9	
810	1	2	2	3			2	2	3			9		2	2	3			9	
811	1	4	2	3			2	2	2			9		2	2	3			9	
812	1	14	1	2	CB		16	2	2			9		16	1	2			9	
813	1	12	3	2	DB, LACK OF FOILAGE		12	2	2			9		12	2	2			9	
814	1	24	2	2	BI		24	2	2	BI		9		24	2	2	BI		9	OOZE FROM CRACKED BARK ON UPPER LIMB
815	1	14	2	2	CB		14	2	2			9		14	2	2			9	
816	1	10	3	4	SS		12	2	3			9		12	3	3			9	
817	2	16	2	2	CB,LEAF SPOT,DIE BACK		16	2	2			9		16	2	2			9	
818	2	14	2	2	LEAF SPOT		14	2	2	SB		9		14	2	2	SB		9	
819	2	18	2	2	CB,SB		18	2	2			9		18	2	2	SB		9	
820	2	12	3	2	BI,DIE BACK		12	2	2	BI		9		12	2	2	BI		9	
821	2	12	2	2	DIE BACK		12	2	3	D		9		12	2	3	D,DT		9	DEAD TIPS OF TOP BRANCHES ON 1/2 OF TREE
822	2	12	3	3	DT,DB		12	2	3			9		12	2	3	DT		9	DEAD TIPS OF TOP BRANCHES, OOZE FROM WOUND 10' UP
823	2	12	2	3	LS		10	2	2			9	2 dead limbs	10	2	3	SS,BI		9	2 dead limbs
858	2	16	2	2	LS,CB		18	2	2			9		18	2	2			9	
824	2	18	1	2	CB		18	2	2			9		18	2	2			9	
859	3	12	2	3	LS,DB,BI		12	2	2	BI,YD		9		12	2	2	BI (HEALING OVER),YD		9	
825	3	14	1	2	BI		14	2	2			9		14	2	2			9	DECAY @ WOUND 3' UP
860	3	10	2	3	CB,LEAF SPOT,DIE BACK		10	2	2			9		10	2	3			9	
826	3	12	1	2			12	2	2			9	dead limbs	12	2	2			9	
861	3	24	2	2	LS,DB,BI		22	2	2	D,BI		9	wasp gall	22	2	2	D,BI		9	wasp gall,STEM CAVITY
827	3	20	1	2	CB		20	2	2			9		20	2	2			9	
862	3	18	1	2	CB		18	2	2	BI		9		18	1	2	BI,CB		9	
863	3	10	2	3	SS,BI		10	2	3			9		10	3	4	BI		9	
828	3	12	1	1	BI		14	2	2			9		14	2	2	SS,CB		9	LEANING
829	3	10	2	1	CB		10	2	2			9		10	2	2	CB		9	LEANING
864	3	22	2	2	CB		22	2	2	CB		9		22	2	2	CB,SS		9	LEANING
830	3	10	3	4	LEANING, SS		10	3	3			9		10	3	4	SS		9	LEANING
865	4	4	3	4	BT		4	3	4			9		4	3	4	SS,BI,YD		9	
831	4	12	2	3			12	2	3			9		12	2	3			9	LEANING
866	4	4	2	3			14	3	3			9	dead limbs	4	2	3	SS,SB		9	dead limbs
832	4	10	1	1	CB		10	1	1			9		10	2	2			9	
867	4	4	2	3			4	2	3			9		4	1	3	SS		9	
833	4	16	1	1	BI, POSSIBLE TREE #12 MISSING FROM 1/5 ACRE		16	2	2			9	POSSIBLE TREE #12 MISSING FROM 1/5 ACRE	16	2	2	BI		9	
868	4	10	3	3	LEANING, DB		12	99	3			9	DEAD	12	99	3			9	DEAD
869	4	18	2	1	DB,LS		20	2	2	D		9		20	2	2	D		9	
834	4	12	1	2			12	2	2			9	checked for SOD, no zone lines	12	2	2	CB		9	checked for SOD, no zone lines
870	4	26	2	2	LS		26	2	2			9		26	2	2			9	SNAPPED BOTTOM LIMB
835	4	12	2	1	CB		12	2	2			9		12	2	2	CB		9	
871	4	20	2	2	LS,DB		20	2	2	D		9		20	2	2	D		9	
836	4	14	2	2	CB,LS,DB		14	2	2			9		14	2	2	CB		9	
273							4	2	3			9	NEW TREE, LEAF SPOTS	4	2	3			9	NEW TREE, LEAF SPOTS
274							2	2	3			9	NEW TREE, LEAF SPOTS	2	2	3			9	NEW TREE, LEAF SPOTS

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
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*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
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4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Note: CLO tree NW from tree 823, fell over yet still growing, may bave been marked as dead in prior survey, lying on the ground; DBH=14; Vigor=3; Crown Class=4

Sudden Oak Death Data -- Plot 3-1

SOD 2001 Data Sheets								SOD 2002 Data Sheets							SOD 2003 Data Sheets						
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease Code	SOD CODE*	Species Code	Remarks
290	2	6	2	2	BI			6	2	3			9		6	3	3			9	
291	2	6	3	4			Almost Dead	6	99	4			9	Dead	6	99	4			9	Dead
292	2	2	3	4	BI		Top Leaning	2	3	4			9	Top Leaning	2	3	4	SS		9	Top Leaning
293	2	6	3	4			Top Leaning	6	3	4			9	Top Leaning, near death	6	3	4			9	Top Leaning, near death
294	2	12	1	1	CB			12	1	2			9		12	1	2			9	
295	2	8	2	2	CB,SS		Near SE corner	8	2	3			9	Near SE corner	8	3	3			9	Near SE corner
296	2	12	3	4	BT		2 new leaders from BT	12	2	3	BT		9	2 new leaders from BT	12	2	3	BT,CB		9	2 new leaders from BT
297	2	8	3	2	SS			8	2	2			9	dead branch	8	2	1			9	dead branch
298	2	2	3	4	SS			2	3	4			9		2	3	4	SS		9	
299	2	10	2	2	CB			10	2	2			9		10	2	2			9	
311	2	8	3	2	CB			8	2	3			9		8	2	3	SS		9	
312	2	6	3	4	SS,BT			6	3	4	SS,BT		9	near death	6	3	4	SS,BT,DT		9	near death
313	2	12	1	2	CB			12	2	2			9		12	2	2			9	P. OAK CLIMBING
314	2	12	3	2			Leaning top	12	2	2			9	Leaning top	12	2	2			9	Leaning top
315	2	8	3	4	SS			8	3	4	SS		9	near death	8	3	4	SS		9	near death
316	2	16	1	2	CB			16	1	2			9		16	1	2			9	
317	2	14	3	2	SS,CB			14	1	2			9		14	1	2			9	
318	2	10	2	2	SS,CB			10	2	3			9		10	2	2	CB		9	P. OAK CLIMBING
319	2	10	2	2	CB			10	2	2	BI		9	BI from road construction	10	2	2	BI		9	BI from road construction
320	2	12	2	2	CB			12	2	3			9		12	2	3	SS		9	
321	2	10	3	4	BT,SS			10	3	4	BT,SS		9	near death	10	3	4	BT,SS		9	DEAD
322	2	14	1	1	CB			14	1	2			9		14	1	2			9	
323	2	12	2	2	SS			12	2	2			9		12	2	3	SB		9	
324	2	10	3	4	SS			10	2	3			9		10	3	3			9	SIDE BRANCH BROKE
325	2	10	2	3	BS			10	2	3	SB		9		10	2	2	SB		9	
326	2	6	3	4				6	2	3			9		6	3	4	SS		9	
327	2	12	1	2	CB			12	2	2			9		12	2	2			9	
328	2	12	2	1	BI		Near plot corner	12	1	2	BI		9	Near plot corner, tree fell against	12	2	2	BI		9	Near plot corner, tree fell against,BRANCH STUB @ BASE
329	1	8	3	4	DT,SS		Almost dead	8	3	4	D,SS		9	Almost dead	8	3	4	D,SS		9	DEAD
330	1	8	3	4	DT,SS,BI			8	3	4	D,BI		9	Near death	8	3	4	D,BI,SS		9	Near death
331	1	8	2	2	CB		BT with new leader	8	2	3	BT		9	BT with new leader	8	2	3	BT		9	BT with new leader
332	1	14	2	2	CB			14	2	2			9		14	2	2	CB		9	
333	1	12	2	2	SS			12	2	2			9		12	2	2			9	
334	1	10	3	4	SS			10	2	3			9		10	3	4		2003 ('	9	OOZE,HEALTHY CROWN
335	1	10	3	2	SS			8	3	3			9		8	3	3			9	
336	1	6	3	4	SS			6	3	4	SS,DT		9		6	3	4	SS,DT		9	
337	1	10	2	4				10	2	3			9		10	3	4	SS,BI		9	
338	1	12	1	2	CB			12	1	2			9		12	2	2	BI		9	
339	1	14	1	1	CB			16	1	2			9		16	1	2	CB,BI		9	CAVITY @ SIDE OF BASE
340	1	12	1	1				12	1	2			9		12	1	2			9	
341	1	10	3	2				8	2	3			9		8	2	3			9	
342	1	12	2	2	CB			14	2	3			9		14	2	2	CB		9	
343	1	32	2	2	BI,SS			16	2	2	BI		9		16	2	2	BI		9	
344	1	24	2	2	CB			14	1	2			9		14	2	2	BI		9	
345	1	8	3	4				8	99				9	DEAD	8	99				9	DEAD
346	1	10	2	2				10	2	2			9		10	2	2			9	
347	1	8	2	1				8	2	3			9		8	2	2			9	
348	1	8	3	2			Almost dead	8	2	3			9	Almost dead	8	3	3			9	Almost dead
349	1	10	3	4	CB			10	3	3			9		10	3	4	BI		9	
350	1	14	2	2	CB			14	1	2			9		14	1	2			9	
351	1	6	3	4				6	3	4			9		6	3	4	SS,BI		9	
352	1	10	2	2	CB			10	2	3			9		10	2	3	BI		9	
353	1	12	2	2	CB			12	2	2			9		12	2	2	CB		9	
354	1	8	3	4	CB		Almost dead, leaning	8	3	2			9	Almost dead, leaning	8	3	3			9	Almost dead, leaning
355	1	4	3	4				4	3	4			9	Almost dead	4	3	4			9	Almost dead
356	1	6	3	4	SS			6	3	4	DT		9	Almost dead	6	3	4	DT,SS		9	Almost dead
357	1	14	1	1	CB			14	1	2			9		14	1	2			9	
358	1	6	3	4	SS			6	3	4	SS,BT		9		6	3	4	SS,DT		9	
359	1	12	2	2				12	2	2			9		12	2	2	CB		9	
360	1	10	1	2	CB			10	2	2			9		10	2	2			9	
361	1	10	2	2	CB			10	2	2			9		10	2	2			9	
362	1	6	3	4	SS			6	3	4	DT		9	Almost dead	6	3	4	DT,SS		9	Almost dead
363	1	16	1	2				18	1	2			9		18	1	2	BI		9	
364	1	10	1	2				10	2	2			9		10	2	2			9	
365	1	10	2	2	CB			10	2	2			9		10	2	2			9	

Sudden Oak Death Data -- Plot 3-1 (continued)

366	1	10	2	2	CB			10	2	2			9		10	2	2			9	
367	1	8	3	4			Almost Dead	8	3	4	DT		9	Almost Dead	8	3	3	DT		9	Almost Dead
368	1	8	2	2	CB		Corner tree	8	2	2			9	Corner tree	8	2	2			9	Corner tree
369	1	10	2	2	CB			10	2	2			9		10	2	2			9	
370	1	10	2	2	CB,SS			10	2	2			9		10	2	2			9	
371	1	8	2	2	CB			8	2	3			9		8	3	3			9	
372	1	4	3	2	SS			4	2	3			9		4	3	4	SS		9	
373	4	10	3	2	CB		Leaning top	10	2	2			9	Leaning top	10	2	2		2003 ('	9	Leaning top,OOZE
374	4	4	3	4	SS			4	3	4	SS		9		4	3	4	SS		9	SPLOTCHY OOZE PRESENT
375	4	8	3	4	SS			8	3	4	SS		9		8	3	4	SS		9	
376	4	10	1	2	CB			10	1	2			9		10	1	2			9	
377	4	6	3	4	BS,SS			6	3	4	BS,SS		9		6	3	4	BS,SS		9	
378	4	10	2	2	CB			10	2	2			9		10	2	2			9	
379	4	8	3	4	SS			8	3	3		***	9	exudate, zone lines, some living tissue inside zone lines	8	2	3	SS	2001 /	9	OOZE
380	4	8	3	2									9	removed for road						9	removed for road
381	4	12	1	2	CB			14	1	2			9		14	1	2	CB		9	
382	4	8	3	4				8	3	4			9		8	3	4			9	
383	4	12	1	2	CB			12	1	1			9		12	1	1	BI		9	BASE CAVITY
384	4	12	2	2				12	2	2			9		12	3	3			9	
385	4	16	2	2				16	1	2			9		16	2	2			9	
386	4	10	3	2				10	2	2			9		10	2	2		2003 ('	9	SPOTS OF OOZE
387	4	6	3	4	SS			6	3	4	SS,DT		9		6	3	4	SS,DT	2003 ('	9	OOZE
388	4	10	2	2	CB			10	2	2			9		10	2	2			9	
389	4	16	2	4				16	2	2			9		16	2	2			9	
390	4	8	3	4				8	2	3	BI		9	BI from road construction	8	2	3	BI		9	BI from road construction
391	4	12	3	4	CB			12	2	2			9		12	2	2			9	P. OAK CLIMBING
392	3	8	2	4				8	2	3			9		8	2	3			9	
393	3	12	3	4	CB			12	2	3			9		12	2	2			9	
394	3	8	3	4	SS			8	3	3	SS		9		8	3	3	SS,CB		9	
395	3	8	3	4	SS			8	3	4	SS,BT,BI		9	trunk rot	8	3	4	SS,BT,BI,DT		9	trunk rot,DYING
396	3	8	3	4	SS			8	3	4	SS		9		8	3	4	SS		9	SPLOTCHY OOZE
397	3	12	1	1	CB,BI			12	2	2	BI		9		12	2	2	BI		9	
398	3	10	3	4	SS	*		10	3	4	SS,BT		9	Tested for SOD in 2001, negative, no new signs	10	3	4	SS,BT,DT		9	Tested for SOD in 2001, negative, no new signs,DEAD
399	3	2	3	4	SS		Leaning	2	3	4	SS,DT		9	Leaning, almost dead	2	3	4	SS,DT,SB		9	Leaning, almost dead
300	3	10	2	2	BI			10	2	3			9		10	2	2	BI		9	
400	3	8	3	4			Leaning, almost dead	8	3	4			9	Leaning, almost dead	8	3	4	SS		9	Leaning, almost dead
402	3	12	3	2	CB			12	2	2			9		12	2	2			9	
403	3	8	3	2	CB			8	3	2	CB		9		8	3	3	CB		9	
404	3	8	3	2	BI	*		8	2	3			9	Tested for SOD in 2001, negative, no new signs	8	3	3	BT		9	Tested for SOD in 2001, negative, no new signs,OOZE SPLOTCHY
405	3	10	3	4	SS			10	2	2			9		10	2	2			9	
406	3	12	2	2	BI			12	2	2			9	bacterial wet wood	12	2	2		2003 (;	9	OOZE
407	3	12	2	2	CB			12	2	2			9		12	2	2		2003 (;	9	OOZE
408	3	10	2	2	CB			10	2	2			9		10	2	2			9	
409	3	10	3	4	SS		Almost dead	10	3	3			9		10	3	3			9	
410	3	8	3	4	SS			8	2	3			9		8	3	3			9	
411	3	4	3	4	SS			4	99				9	DEAD	4	99				9	DEAD
189								8	2	3			9	Tree added in 2002	8	3	2	BI		9	Tree added in 2002,CAVITY @ SIDE OF BASE
184					These trees were not present in 2001.			24	1	1			??	Tree added in 2002, Valley oak	24	2	2	CB		1	Tree added in 2002, Valley oak
183								12	1	2			??	Tree added in 2002, Valley oak	12	2	2			1	Tree added in 2002, Valley oak

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

Note: A new road has been constructed through portions of quadrant 1, 2 & 4 damaging and removing trees. All "SOD" trees affected are identified in the data. In addition, tree # 765 in the 1/5 of an acre plot was also removed for the road.

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

A single tree in the 300's was retagged as 899 in 2003; confirm which tree out in the field

Sudden Oak Death Data -- Plot 3-2

SOD 2001 Data Sheets								SOD 2002 Data Sheets							SOD 2003 Data Sheets						
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease Code	SOD CODE*	Species Code	Remarks
201	2	14						14	2	2			9		14	2	2	BI,YD		9	CAVITY @ BASE
202	2	6						6	3	4			9		6	3	4			9	
203	2	8						8	2	3	BT, new leader		9		8	2	2	BT, new leader		9	
204	2	4						4	3	4	DT		9		4	3	4	DT		9	
205	2	10						10	2	2			9		10	2	2	CB		9	
206	2	8						8	2	3			9		8	2	2			9	
207	2	12						12	2	2			9		12	2	2			9	
208	2	10						10	2	2			9		10	2	2			9	
209	2	12						12	2	2	BI		9		12	2	2	BI		9	
210	2	8						8	2	3			9	LEANING	8	2	3			9	LEANING
211	2	10						10	2	2			9		10	2	2			9	
212	2	14						14	3	3			9		14	2	2			9	
213	2	12						12	2	3			9		12	3	3			9	
214	2	10						10	1	2			9		10	2	2			9	
215	2	6						6	2	3			9		6	2	3			9	
216	2	6						6	3	3	D		9		6	3	3	D,SS		9	TOP BRANCHES DYING
217	2	8						8	2	3	D		9		8	2	3	D,SS		9	
218	2	16						18	1	2			9		18	1	2	BI,CB		9	OOZING @ BASE @ CONNECTION OF 219
219	2	10						10	2	2			9		10	2	2			9	OOZING @ BASE @ CONNECTION OF 218
220	2	14						14	1	2			9		14	2	2	BI		9	
221	2	14						14	1	2			9		14	2	2	BI		9	
222	2	18						18	1	1			9		18	2	2	BI		9	
223	2	8						8	3	4	DT,D		9		8	3	4	DT,D		9	SIDE BRANCH GONE @ BASE
224	2	6						6	3	4	BT, new leader,D		9		6	3	3	BT, new leader,D		9	
225	3	12						12	1	2	BI		9		12	2	2	BI		9	
226	3	14						14	1	2			9		14	2	2	BI		9	
227	3	12						12	1	2			9		12	2	2	BI		9	
228	3	10						12	3	4	BT,SS		9		12	3	4	BT,SS,DT,CB,BI		9	DYING
229	3	22						16	2	2	BI		9		16	2	2	BI		9	
230	3	8						8	2	3			9		8	2	2			9	
231	3	14						14	1	2			9		14	2	2			9	
232	3	12						14	1	1			9		14	2	2	BI		9	
233	3	10						10	2	3			9		10	2	3	BI		9	
234	3	8						8	99				9	DEAD	8	99				9	DEAD
235	3	6						6	2	3			9		6	2	2			9	
236	3	6						6	2	3	D		9		6	3	3	D		9	
237	3	6						6	3	3	D		9		6	3	4	D		9	LEANING,SPLOTCHY AREAS OF OOZE
238	3	16						16	2	2	BI		9		16	2	2	BI		9	
239	3	12						12	2	2	BT,new leader		9		12	2	3	BT,BI,new leader		9	LEANING
240	3	40						28	2	2	Y,BI		9		28	2	2	BI,YD	2003 (4	9	SLIGHT OOZE ON SIDE BRANCH
241	3	6						6	3	3	D		9		6	3	3	D,BI,SS	2003 (4	9	OOZE 5' UP FROM BASE,DEAD CANOPY
242	3	8						8	2	2			9		8	2	2			9	
243	3	12						12	2	2			9		12	2	2	BI		9	
244	3	14						14	1	2			9		14	2	2	BI		9	
245	3	8						8	2	3			9		8	2	3	BI		9	BRANCH CAVITY
246	3	8						8	2	3	TRUNK WOUND		9		8	3	3			9	TRUNK WOUND,BRANCH CAVITY
247	3	18						18	1	1			9		18	1	2			9	SMALL CAVITY NEAR BASE
248	3	10						10	2	2			9		10	2	3	BI		9	
249	3	22						22	2	3			9		22	2	2			9	
250	3	36						36	2	2			9		36	2	3	BI		9	
251	4	4						4	3	4	DT		9		4	3	4	DT,SS		9	LEANING
252	4	12						12	2	2			9		12	2	2			9	
253	4	14						16	1	1			9		16	1	1			9	
254	4	16						12	1	2			9		12	2	2			9	
255	4	12						12	2	2			9	Bending	12	2	2	DT		9	Bending
256	4	10						10	2	2	BT, new leader		9		10	3	2	BT, new leader		9	
257	4	6						6	2	2			9		6	3	2			9	
258	4	18						18	1	1			9		18	1	1			9	
259	4	8						8	3	3	DT		9		8	3	3	DT		9	DEAD

Sudden Oak Death Data -- Plot 3-2 (continued)

260	4	16		16	1	1		9		16	2	1	SS	9	
261	4	18		18	1	2		9		18	1	2	BI	9	
262	4	8		8	3	4	DT	9		8	3	4	DT	9	
263	4	22		22	1	2		9		22	1	2		9	
264	4	14		14	1	2		9		14	1	2		9	
265	4	12		12	2	2		9		12	2	2		9	
266	4	16		16	1	1		9		16	1	1		9	
267	4	14		14	1	2		9		14	2	2		9	
268	4	12		12	2	3		9		12	2	2	SS	9	
269	4	8		8	2	3		9		8	2	3	SS	9	
270	4	12		12	1	2		9		12	2	2	BI	2003 (' 9	OOZE @ BASE
271	4	6		6	3	4		9		6	3	4	BT,SS	9	
272	1	16		16	1	2		9		16	1	2		9	
273	1	12		12	1	2		9		12	2	2		9	
274	1	26		26	1	1		9		26	1	1		9	
275	1	28		28	2	2		9		28	2	2	BI	9	
276	1	10		10	2	3		9		10	2	2	BI	9	
277	1	14		14	2	3		9		14	2	3		9	
278	1	20		20	2	1		9		20	1	2		9	
279	1	14		16	2	2		9		16	2	2	BI	9	
280	1	22		16	1	1	BI,Y	9		16	2	1	BI,YD	9	
281	1	16		12	2	3		9		12	3	3		9	
282	1	8		8	2	3		9		8	3	3		9	
283	1	8		8	2	3		9		8	2	3		9	
284	1	10		10	2	2		9		10	2	2		9	
285	1	8		8	2	3		9		8	3	3		9	
286	1	8		8	2	3		9		8	2	3	CB	9	
287	1	4		4	3	4		9		4	3	4		9	
288	1	6		6	3	4	DT	9		6	3	4	DT	9	NEAR DEATH
289	1	6		6	3	4	DT	9		6	3	4	DT	9	
185				2	2	3		9	Added in 2002	2	2	3		9	Added in 2002,NOT FOUND IN 2003
200				6	2	3		??	Toyon, added in 2002	6	2	4	BI	11	Toyon, added in 2002
199				4	2	4		??	Toyon, added in 2002	4	3	4	SB	11	Toyon, added in 2002
198				2	2	4		??	Toyon, added in 2002	2	3	4	SB	11	Toyon, added in 2002
197				6	3	4		??	Toyon, added in 2002	6	3	4		11	Toyon, added in 2002,DYING
196				4	3	4		??	Toyon, added in 2002	4	3	4		11	Toyon, added in 2002,DEAD
195				6	3	4		??	Toyon, added in 2002	6	3	4	BI	11	Toyon, added in 2002
194				4	2	4		??	Toyon, added in 2002	4	3	3	BI	11	Toyon, added in 2002
193				3	3	4		??	Toyon, leaning, added in 2002	3	3	4	BI	11	Toyon, leaning, added in 2002
192				4	3	4		??	Toyon, added in 2002	4	3	4	SB	11	Toyon, added in 2002
191				4	3	4		??	Toyon, added in 2002	4	3	4	SB	11	Toyon, added in 2002
190				4	2	3		??	Toyon, added in 2002	4	3	4	SB	11	Toyon, added in 2002
189				2	3	4		??	Toyon, added in 2002	2	3	4	DT	11	Toyon, added in 2002,DYING
188				4	3	4		??	Toyon, added in 2002	4	3	4		11	Toyon, added in 2002,DEAD
187				4	2	3		??	Toyon, added in 2002	4	2	3		11	Toyon, added in 2002
186				4	3	4		??	Toyon, added in 2002	4	2	4		11	Toyon, added in 2002

These trees not present in 2001

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 3-3

SOD 2001 Data Sheets								SOD 2002 Data Sheets								SOD 2003 Data Sheets							
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks		Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks	
412	1	12	2	2	CB			12	2	2			9			12	2	2			9		
413	1	6	3	4				6	2	3			9			6	2	3			9		
414	1	8	2	2	CB			8	2	2			9			8	2	2			9		
415	1	8	2	2				8	2	2			9			8	2	2			9		
416	1	12	3	4				4	3	4			9	near death		4	3	4	SS		9	near death	
417	1	8	1	2				8	2	2			9			8	2	2			9		
418	1	12	1	2	SS,CB			12	1	2			9			12	2	2	CB		9		
419	1	10	1	1	CB			10	1	2			9			10	2	2	CB		9		
420	1	2	3	4	SS,SB			2	3	4	SS,SB	****	9			2	3	4	SS @ BASE,SB	2001 /	9	SLIGHT OOZE,DEAD CANOPY	
421	1	4	3	4	SS TRUNK INJURY AT 3.5FT			4	3	4			9	TRUNK INJURY AT 3.5FT		4	3	4	SS,BI		9	TRUNK INJURY AT 3.5FT	
422	1	10	2	2	SS			10	2	2			9			10	2	2			9		
423	1	12	2	1	SS,BI			12	2	1	BI		9			12	2	1	BI		9	CAVITY @ BASE	
424	1	2	3	4	SS,			4	3	4	SS,		9			4	3	4	SS,		9		
425	1	8	1	2	CB			8	2	2			9			8	2	2			9		
426	1	10	1	2	CB,SS			10	1	2			9			10	2	2			9		
427	1	10	1	1	CB			10	1	2			9			10	1	2			9		
428	1	6	3	2	SS			6	2	3	SS		9			6	3	3			9		
429	1	4	3	4	SS,BT			4	3	4			9	ALMOST DEAD		4	3	4			9	DEAD	
430	1	6	3	4	SS			6	3	4		*****	9			6	3	4		2001 /	9	DEAD,OOZE	
431	1	6	3	4	CB			6	3	4			9			6	3	4			9	BENDING	
432	1	2	3	4	SS			2	3	4	DT		9	ALMOST DEAD		2	3	4	DT,SB		9	ALMOST DEAD	
433	1	8	3	4	BI,SS			8	3	4	BI	*****	9			8	3	3	BI,SS	2001	9		
434	1	8	3	2	SS,CB			8	2	2			9			8	2	2			9		
435	1	8	3	4	SS	XXX		8	3	4			9	Tested for SOD in 2002, negative		8	3	3	BI	2002 (	9	BASAL CAVITY	
436	1	6	3	4				6	3	3			9			6	2	2			9		
437	1	6	3	4	DT,SS ALMOST DEAD			6	3	4	DT,SS		9	almost dead		6	3	4	DT,SS		9	almost dead	
438	1	6	3	4	SS ALMOST DEAD			4	99	4	SS	****	9	DEAD		4	99	4	SS	2001	9	DEAD	
439	1	10	3	2				10	3	3		****	9	exudates/cankers		10	3	3		2001	9	exudates/cankers,NO OOZE FOR 2003	
440	1	10	2	2	CB			10	1	2			9			10	1	2			9		
441	1	12	2	2	CB			12	1	2			9			12	1	2			9		
442	1	12	2	2	SS			12	2	2			9			12	2	2			9		
443	1	6	3	2	BI			6	3	4	BI	*****	9	exudates/canker		6	3	3	BI	2001	9	exudates/canker	
444	1	4	3	4	SS			4	99		SS		9	DEAD		4	99		SS,SB		9	DEAD	
445	1	8	3	4	BT-NEW LEADER			8	2	4			9			8	2	3	SS,BT		9	NEW LEADER	
446	1	6	3	4	SS			6	3	4			9			6	3	4	SS		9		
447	1	10	1	1	CB			10	1	2			9			10	1	1			9		
448	1	4	3	2				4	2	3			9			4	3	4			9		
449	1	4	3	2	SS			4	3	4	SS	*****	9			4	3	3	SS	2001 /	9	OOZE	
450	1	8	2	2	CB			8	2	2		******	9			8	2	2		2001	9		
451	1	4	3	4	SS			4	99	4	SS	******	9	DEAD		4	99	4	SS	2001	9	ALMOST DEAD	
452	1	6	3	4	SS LEANING			6	3	4	SS LEANING	*****	9			6	3	4	SS ,BI	2001	9	LEANING	
453	1	6	3	4	SS			6	3	4			9			6	2	3			9	LEANING	
454	1	8	2	2	CB			8	2	2			9			8	2	2			9		
455	1	4	3	4	SS,BI			4	3	4	SS,BI		9			4	3	4	SS,BI		9		
456	1	22	1	2	CB			22	1	2			9			22	1	2			9	BASAL CAVITY	
457	1	12	2	2	CB			12	1	2			9			12	1	1			9		
458	1	8	3	4				6	2	3			9			6	3	3	BI,SS		9		
459	4	8	3	4				8	2	3			9			8	3	3	SS		9		
460	4	8	3	2				8	2	2			9			8	2	3			9		
461	4	8	3	2	NW CORNER			8	2	2	NW CORNER		9			8	2	3	NW CORNER	2003 (	9	OOZING 8' FROM BASE	
462	4	12	2	2	CB			12	2	2			9			12	2	2			9		
463	4	12	2	2	CB			12	2	2			9			12	2	2			9	BASAL CAVITY @ BASE	
464	4	6	3	4	SS,			6	3	4			9			6	3	4	SS		9		
465	4	10	2	2	BI			10	2	2	BI		9			10	2	2	BI		9		
466	4	14	1	1	CB			14	1	1			9			14	1	1	BI		9	OOZE FROM BASE @ JOINING OF 465	
467	4	6	3	4	SS,SB			6	3	3	SS		9			6	3	4	SS,BI,DT		9	NEAR DEATH	
468	4	4	3	4	SS,SB			4	3	4	SS		9			4	3	4	SS,DT		9	NEAR DEATH	
469	4	6	3	4	SS,DT,BI			6	3	4	DT,BI		9	NEAR DEATH		6	3	4	DT,BI		9	DEAD	
470	4	8	3	4	SS,DT,BI			8	2	3	BI		9			8	3	3	BI		9		
471	4	10	3	2	SS			10	2	2			9			10	2	2			9	BASAL CAVITY	
472	4	10	3	2	SS			10	3	3			9			10	3	3			9	BASAL CAVITY	
473	4	8	3	4	BI,SS			8	2	3	BI		9			8	3	4	BI		9	DEAD	
474	4	8	3	4	BI,SS			8	3	4	BI,SS		9			8	3	3	BI,SS		9	CONK @ BASE	
475	4	2	3	4	DT,SS ALMOST DEAD			2	3	4	DT,SS		9	NEAR DEATH		2	3	4	DT,SS		9	NEAR DEATH	
476	4	6	3	4	CB,SS			6	2	3			9			6	3	4	SS		9		
477	4	6	3	4	SS			6	3	3	SS		9			6	3	3	SS		9		
478	4	8	2	2	SS,CB			8	2	2			9			8	2	2			9		
479	4	2	3	4	DT,SS ALMOST DEAD			2	99				9	DEAD		2	99				9	DEAD	
480	4	8	3	4	SS			2	3	4	SS		9			2	3	4	SS		9		
481	4	6	3	4	SS			6	3	4			9			6	3	4	SS		9	DYING	

Sudden Oak Death Data -- Plot 3-3 (continued)

482	4	6	3	2			6	3	2			9		6	3	2			9			
483	4	4	3	2			4	3	4			9		4	3	4	DT,SS,SB		9	NEAR DEATH		
484	4	6	2	4			6	2	3			9		6	3	3			9			
485	4	14	2	2	CB		14	1	2			9		14	2	2			9			
486	4	8	2	2			8	2	3			9		8	2	3			9			
487	4	10	1	2	CB		10	1	2			9		10	1	2			9			
488	4	16	3	4	SS		16	2	3			9		16	3	4	SS		9			
489	4	12	1	1	CB		12	1	2			9		12	1	2			9			
490	4	8	3	4	SS		8	3	3			9		8	3	4	BI		9			
491	4	8	3	4	SS		8	2	3			9		8	3	3	BI		9	DEAD SIDE BRANCHES		
492	4	6	3	4	SS		6	3	4			9		6	3	4			9			
493	4	8	2	2	SS		8	2	3			9		8	2	2			9			
494	4	8	2	2	SS		8	2	2			9		8	3	3			9	BENDING		
495	4	12	1	1	SS,CB		12	1	2			9		12	2	2			9			
496	4	8	3	4	SS		8	3	3			9		8	3	3	BT,SS		9	NEW LEADERS		
497	4	6	3	4	SS		6	3	3			9		6	3	4			9			
498	4	6	2	2	SS		6	2	3			9		6	3	3			9			
499	4	2	3	4	SS,DT ALMOST DEAD		2	3	4	SS,DT ALMOST DEAD		9		2	3	4	SS,DT ALMOST DEAD		9			
500	4	8	2	4	SS		8	2	3			9		8	2	3	SS		9			
501	4	12	1	2	SS,CB		12	1	2			9		12	1	2			9			
502	4	18	1	1	SS		20	1	1			9		20	1	1	BI		9	CAVITY @ BASE		
503	4	8	2	2	BI,SS		8	2	2	BI,SS		9		8	2	2	BI		9			
504	4	8	2	2	SS		8	2	3			9		8	2	2			9			
505	4	8	3	4	SS,BI		8	3	3	SS,BI		9		8	3	3	SS,BI		9			
506	4	12	2	1	SS		12	2	2		*****	9	EXUDATES	12	2	2	SS,BI	2001	9	EXUDATES		
507	4	6	2	3	SS		6	3	4			9	ALMOST DEAD	6	3	4	SS		9	ALMOST DEAD		
508	3	6	2	4	SS,CB		6	2	3			9		6	2	2			9			
509	3	6	3	4	SS		6	3	4	SS		9		6	3	4	SS		9			
510	3	4	3	4	DT,SS ALMOST DEAD		4	99	4			9	DEAD	4	99	4	SB,DT		9	DEAD		
511	3	8	2	2			8	2	2			9		8	2	2			9			
512	3	10	1	1	SS		10	1	2			9		10	1	2			9	CAVITY UNDERNEATH		
513	3	10	1	2	SS		10	1	2	SS		9		10	2	2	SS		9			
514	3	4	3	4	SS		4	3	4	SS		9		4	3	4	SS		9			
515	3	4	3	4	SS		4	3	3	SS		9		4	3	4	SS		9			
516	3	6	2	2	CB		6	2	3			9		6	2	3	SS		9			
517	3	10	1	2			10	2	2			9		10	2	2			9			
518	3	10	2	2			10	2	2			9		10	2	2			9			
519	3	10	3	2	SS		10	3	4	SS		9		10	3	3	SS		9	EXUDATING @ JOINT		
520	3	10	2	2	CB		10	2	2			9		10	2	2			9			
521	3	4	3	4	SS		4	3	4	SS		9		4	3	4	SS		9	UNHEALTHY		
522	3	6	3	2	CB		6	2	2			9		6	2	2			9			
523	3	8	2	2			8	2	2			9		8	2	2			9			
524	3	6	2	2	CB,SS		6	2	3			9		6	2	2			9			
525	3	8	2	2	CB,SS		8	2	2			9		8	2	2	SS		9			
526	3	4	3	4	SS		4	3	4			9		4	3	4	SS		9			
527	3	10	1	2	CB		10	2	2			9		10	2	3			9	BENDING		
528	3	6	2	4	SS LEANING		6	2	4	SS LEANING		9		6	2	4	SS		9	LEANING		
529	3	14	1	1	SS		14					9	MISSING/ NOT FOUND IN FIELD	14					9	MISSING/ NOT FOUND IN FIELD		
530	3	10	1	2			10	1	2			9		13	1	2			9			
531	3	8	2	2	CB		10	2	2			9		10	2	2			9			
532	3	10	2	2	CB		10	2	3			9		10	2	2			9			
533	3	2	3	4	SS		2	3	4	SS		9		2	3	4	SS		9	BENDING		
534	3	6	2	2	CB		6	3	3			9		6	3	4			9	LEANING		
535	3	4	3	4	BT,SS		4	3	4	DT		9		4	3	4	DT,SS		9	ALMOST DEAD		
536	3	6	2	2	SS		6	3	3	SS		9		6	3	4	SS,DT		9	BASE CAVITY		
537	3	4	3	4	SS,BT ALMOST DEAD		4	3	4	SS,BT,DT		9	ALMOST DEAD	4	3	4	SS,BT,DT		9	DEAD		
538	3	4	3	4	SS		4	3	3	SS		9		4	3	4	SS,BI		9	NEAR DEATH		
539	3	8	3	2	SS		8	2	2			9		8	2	2	CB		9			
540	3	10	1	1	SS		10	1	2			9		10	1	1			9			
541	3	4	3	4	SS		4	3	4	SS		9		4	2	3	SS,BI		9			
542	3	6	1	2			6	99	2			9	DEAD	6	99	2	BT,DT		9	DEAD		
543	3	8	2	1	CB		8	2	3	BT, new leader		9		8	2	3	BT, new leader		9	BRANCH @ BASE BROKE		
544	3	14	2	2	CB		14	1	2			9		14	2	2		2003 (:	9	OOZING @ DBH PROFUSELY,CROWN HEALTHY		
545	3	8	3	2	SS		8	2	2			9		8	2	2	DT		9			
546	3	6	3	2			6	2	3			9		6	3	3			9			
547	3	4	3	4	SS		4	3	4	SS		9		4	3	4	SS,BI		9			
548	3	10	1	1	CB		10	1	2			9		10	1	2			9			
549	3	6	3	4	SS LEANING		6	3	4	SS LEANING		9		6	3	4	SS,DT		9	BENDING		
550	3	6	2	2	CB		6	2	2			9		6	2	2			9			
551	3	2	3	4	SS		2	3	4	SS,DT		9		2	3	4	SS,DT		9	NEAR DEATH		
552	3	2	3	2	SS LEANING		2	3	4	SS,DT		9	LEANING	2	3	4	SS,DT		9	LEANING		
553	3	4	3	4	DT,SS		4	3	4	DT,SS		9		4	3	4	DT,SS		9	BENDING		
554	3	12	1	1	CB		12	1	1			9		12	1	1			9			
555	3	4	3	4	SS		4	3	4	SS		9		4	3	4	SS		9			
556	3	4	3	4	SS		4	3	4	DT		9	ALMOST DEAD	4	3	4	DT		9	ALMOST DEAD		
557	3	2	3	4	SS		2	3	4	DT		9		2	3	4	DT,SS		9	UNHEALTHY		
558	3	12	1	1	CB		12	1	2			9		12	2	2	CB,BI		9			
559	3	10	1	2	CB,SS		10	2	2			9		10	2	2			9			
560	3	8	2	4	SS		8	2	3			9		8	2	3			9			
561	3	8	2	2	SS		8	2	2			9		8	2	2			9	BASE CAVITY		

Sudden Oak Death Data -- Plot 3-3 (continued)

562	3	8	2	2					8	2	3			9	SE CORNER	8	2	3			9	SE CORNER
563	3	2	3	4	SS LEANING				2	3	4	SS,DT		9	LEANING	2	3	4	SS,DT		9	LEANING,NEAR DEATH
564	3	6	3	4	SS				6	3	4	SS		9		6	3	4	SS,DT		9	
565	3	8	2	2					8	2	2			9		8	2	2			9	
566	3	6	3	4					6	3	4	DT		9	ALMOST DEAD	6	3	4	DT		9	ALMOST DEAD
567	2	12	2	2	CB				12	1	2			9		12	1	2			9	
568	2	10	2	2	CB				10	2	2			9		10	2	2			9	
569	2	8	3	2	BI				8	3	3	BI		9		8	3	3	BI		9	P. OAK CLIMBING
570	2	8	3	4	CB				8	3	2		*****	9	EXUDATES @ BASE	8	2	2		2001	9	EXUDATES @ BASE
571	2	10	2	2	CB				10	2	2			9		10	2	2			9	P. OAK CLIMBING
572	2	10	2	2					10	1	2			9		10	1	2			9	
573	2	6	3	4	SS				6	3	4	SS		9		6	3	3	SS		9	
574	2	10	1	2	CB,SS				10	1	2			9		10	2	2			9	
575	2	12	2	2	SS				12	2	2			9		12	3	4			9	NEAR DEATH
576	2	2	3	4	SS,SB ALMOST DEAD				4	3	4	SS,SB,DT		9	ALMOST DEAD	4	3	4	SS,SB,DT		9	ALMOST DEAD
577	2	12	1	1	SS,CB				12	1	2			9		12	1	2			9	
578	2	4	3	4	SS,SB				4	3	4	DT		9		4	3	4	DT,SS		9	
579	2	10	2	2	CB				10	1	2			9		10	1	2			9	
580	2	8	3	2					8	2	3			9		8	3	2			9	P. OAK CLIMBING
581	2	4	3	4	SS				4	3	4			9	ALMOST5 DEAD	4	3	4			9	ALMOST DEAD
582	2	2	3	4	SS ALMOST DEAD				2	3	4	DT		9		2	3	4	DT,SS,CB		9	
583	2	8	2	2	CB				8	2	2			9		8	2	2			9	
584	2	2	3	4	SS ALMOST DEAD				2	3	4	SS ALMOST DEAD		9		2	3	4	SS		9	ALMOST DEAD,P. OAK CLIMBING
585	2	4	3	4					4	3	3			9		4	3	4			9	
586	2	6	2	2	CB				6	2	3			9		6	2	3			9	
587	2	2	3	4	SS				2	3	4	DT		9		2	3	4	DT,SS		9	NEAR DEATH
588	2	8	3	4					8	2	2		*****	9		8	2	2		2001	9	
589	2	6	3	4					6	3	4			9		6	3	4	SS		9	
590	2	10	1	2	CB				10	1	2			9		10	2	2			9	
591	2	6	2	4					6	2	3			9		6	2	3			9	
592	2	4	3	4	SS				4	3	4			9		4	3	4	SS		9	NEAR DEATH
593	2	2	3	4	SS				2	3	4			9		2	3	4	DT		9	NEAR DEATH
594	2	2	3	4	SS ALMOST DEAD				2	99	4			9	DEAD, TAG GONE	2	99	4			9	DEAD, TAG GONE
595	2	6	3	4	SS,BT ALMOST DEAD				6	3	4	SS,BT ALMOST DEAD		9		6	3	4	SS,BT,DT		9	ALMOST DEAD
596	2	8	3	2	CB,SS				8	3	3			9		8	3	3			9	BENDING
597	2	8	3	4	SS,BT	XXX			8	3	4	SS,BT		9	Tested for SOD in 2001, negative	8	3	4	SS,BT,DT	2001 (·	9	
598	2	10	2	2	CB				10	1	2			9		10	2	2			9	
599	2	10	3	4	SS LEANING				10	3	4	SS,DT		9	ALMOST DEAD, LEANING	10	3	4	SS,DT		9	ALMOST DEAD,BENDING
600	2	14	1	1	CB				14	1	1			9		14	1	1			9	
601	2	6	3	4					6	2	3			9		6	3	4			9	
602	2	4	3	4	SS				4	3	4	SS		9		4	3	4	SS		9	
603	2	8	3	2	SS,CB				8	2	3			9		8	2	3			9	
604	2	6	3	4	SS,CB				6	3	3	SS		9		6	3	3	SS,CB		9	
605	2	2	3	4	SS,CB				2	3	4	SS		9	ALMOST DEAD	2	3	4	SS		9	ALMOST DEAD
606	2	6	3	2	SS,CB				6	3	2			9		6	2	3	CB		9	
171							Added in 2002		2	3	4	DT		9	Added in 2002	2	3	4	DT,SS		9	Added in 2002,NEAR DEATH
983	4					XXX	tree added in 2002		6	2	2			9	Tested for SOD in 2001, negative	6	3	2			9	Tested for SOD in 2001, negative

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 4-1

SOD 2001 Data Sheets								SOD 2002 Data Sheets							SOD 2003 Data Sheets						
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
701	3	12	2	1	SS			12	2	2			9		12	2	2			9	SS
702	3	16	2	2	CB,SS			16	2	2			9		16	2	2			9	SS,P. OAK CLIMBING
703	3	16	1	2	CB,SS			16	2	2	D		9		16	2	2	D,SS		9	
704	3	20	1	1	CB,SS			20	2	2	D		9		20	2	2	D,SS		9	
705	3	20	1	1	CB,SS			20	1	1	D		9		20	1	1	D		9	
706	4	14	3	3	SS			14	2	3			9		14	2	3	SS		9	
707	4	22	1	1	CB,SS			22	2	2	D		9		22	2	2	D,SS		9	
708	4	8	2	3	CB			8	2	2			9		8	2	2	SS		9	
709	4	6	3	4	CB,SS			6	2	3			9		6	3	4	SS		9	
710	1	26	1	1	SS,BS			26	1	1	D		9		26	1	1	D,SS,SB	2003 (1)	9	CHIPPED INTO BARK,CIRCLED SPOTS OF OOZE @ BASE
711	1	12	2	3	SS,BI			12	2	3			9		12	2	3	SS,BI		9	
712	1	28	1	2	CB			28	1	1			9		28	1	1			9	STEM CAVITY FROM WOUND
713	1	46	1	1	SS,CB			46	1	1			9		46	1	1			9	
714	1	22	2	2	SS			261	2	2	SS		9		20	2	2	SS		9	
715	2	12	2	2	SS			12	2	2	SS		9		12	2	2	SS		9	
793								8	2	2			????	Valley oak added in 2002	8	2	2	SS		1	Valley oak added in 2002
794								44	2	1	D		????	Valley oak added in 2002	44	2	1	D,SS,SB		1	Valley oak added in 2002
795								4	3	3			????	Valley oak added in 2002	4	3	3			1	Valley oak added in 2002
796								6	3	4	BI,DT		????	Valley oak added in 2002 near death	6	3	4	BI,DT		1	Valley oak added in 2002,DEAD
797								6	2	4			????	Valley oak added in 2002	6	2	4			1	Valley oak added in 2002
792								12	2	2			???	Valley oak added in 2002	12	3	2			1	Valley oak added in 2002,SPARSE FOLIAGE
799								16	2	2			???	Valley oak added in 2002	16	2	2			1	Valley oak added in 2002
798								14	2	2			????	Valley oak added in 2002	14	2	2			1	Valley oak added in 2002

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 4-2

SOD 2001 Data Sheets								SOD 2002 Data Sheets							SOD 2003 Data Sheets						
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
767	4	24	2	1	CB,SS,DIE-BACK			30	2	2	D		9		30	2	2	D,BI		9	
768	4	14	2	2	CB,SS,DIE-BACK			14	2	2	D		9		14	2	2	D		9	
769	4	18	2	2	CB,SS			18	2	2	SS		9		18	2	2	SS,CB		9	
770	4	16	2	2	CB,SS			18	2	2	SS		9		18	2	2	SS		9	
771	4	14	2	2	CB,SS			14	2	2			9		14	2	2	SS		9	
772	4	24	1	2	CB,SS			24	2	2	D		9	checked for SOD, no zone lines	24	2	2	D,SS		9	checked for SOD, no zone lines
773	4	18	1	2	CB,SS			18	2	3			9		18	2	3	SS		9	
774	4	20	2	2	CB,DEAD FOLIAGE			20	2	2			9	dead foliage	20	2	2	SS		9	
775	4	22	2	2	CB,SP			22	2	2			9		22	1	2	SS,CB		9	
776	4	28	1	2	CB,SS			32	1	2	D		9		32	1	2	D		9	STEM CAVITY FROM TRIMMED BRANCH
777	4	28	2	2	CB,SS			28	1	2			9		28	2	2	CB		9	DEAD SIDE LIMB,SLIGHT OOZE FROM WOUND 10' UP
778	3	34	1	2	SS			34	1	2	D		9		38	2	2	D,SS		9	
779	3	22	2	2	CB,DEAD FOLIAGE			22	1	2	D		9		22	1	2	D		9	TAG REMOVED,LABELED TREE #2 BY CONST.
780	3	16	2	2	CB,SS,DIE-BACK			16	1	2	D		9		16	1	2	D,SS		9	
781	3	24	2	2	SS,DIE-BACK			24	2	2	SB		9		24	2	2	SB		9	TAG REMOVED,LABELED TREE #1 BY CONST.
782	3	16	2	2	CB,DIEBACK			16	2	2	D		9		16	2	2	D		9	TAG REMOVED,LABELED TREE #3 BY CONST.
783	1	20	2	1	CB,SS			24	1	1	D		9		24	1	1	D,CB		9	
784	1	16	2	1	CB,SS			16	1	2			9		16	1	2	SS		9	
785	1	16	2	2	CB,SS			16	2	1	D		9		16	2	1	D		9	
786	1	16	2	2	CB,SS,DIE-BACK			16					9	Tree removed from data when plot moved	16					9	Tree removed from data when plot moved
787	1	30	2	2	CB,SS,DIE-BACK									????	28	1	2	CB		9	CONFIRM QUADRANT
788								4	1	3			???	Toyon	4	1	3			11	Toyon
789					Trees not present in 2001.			2	2	3			???	Toyon	2	2	3			11	Toyon
790								2	2	3			???	Toyon	2	2	3			11	Toyon

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

Move plot center 34.2' West because of development.

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Note: 779 & 782 within property site zone; 781 leaning over corner of property zone

Sudden Oak Death Data -- Plot 4-3

SOD 2001 Data Sheets								SOD 2002 Data Sheets							SOD 2003 Data Sheets							
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
716	2	16	2	2	CB			16	2	3					16	2	3			9	
717	2	8	3	4	SS			8	3	4					8	3	4			9	
718	2	14	2	2	CB,SS			14	2	3					14	2	3			9	
719	2	12	2	3	CB,SS			12	2	3					12	2	3			9	
720	2	16	1	2				16	2	2	D				16	2	2	D		9	
721	2	14	2	2	CB			14	2	3	SB				14	3	3			9	
722	2	14	2	2	CB,SS			14	2	2	D				14	2	2	D,CB		9	P. OAK CLIMBING
723	1	12	2	2	CB,SS			12	2	2					12	2	2			9	P. OAK CLIMBING
724	1	12	2	3	CB,SS			12	2	2					12	2	2	SS		9	
725	1	16	2	2	CB			16	2	2					16	2	2	CB		9	
726	2	4	2	4				4	2	3					4	2	3	SS		9	
727	2	18	2	2	CB,SS			18	2	1	D				18	2	2	D,CB		9	
728	2	10	2	2	CB,SS			10	2	2					10	2	2			9	
729	2	8	2	2	SS			8	2	3	D	****			8	2	3	D,SS	2001 / 2003 (4)	9	SLIGHT OOZE FROM LOWER SIDE
730	2	16	2	2	CB,SS			16	2	2					16	2	2	SS		9	
731	2	16	2	2	CB,SS			16	2	2	D				16	2	2	D		9	
732	1	28	2	1	SS			28	1	1					28	1	1			9	
733	1	18	2	3	SS			18	2	2					18	2	3	SS		9	
734	1	16	2	2	SS,CARBON BALL DECAY			16	2	2		****		slight zone lines	16	2	2		2001 (4)	9	slight zone lines,BROKEN SIDE LIMB
735	1	14	2	2	SS			14	2	3					14	2	3	SS		9	
736	1	10	2	3	CB,SS			10	2	3					10	2	3			9	
737	1	30	2	2	SS			30	1	1	D				30	1	2	D		9	
738	1	22	2	2	CB,SS			22	2	2	D				22	2	2	D,SS		9	
739	1	6	3	4	SS			6	2	4					6	3	4	SS		9	
740	1	18	1	1				18	1	1					18	1	1	SS		9	
741	1	8	3	4	CB,SS			8	2	3					8	2	3	SS		9	
742	1	14	2	3	CB,SS			14	2	3					14	2	3	SS		9	
743	1	16	2	2	SS			16	2	2	D				16	2	2	D		9	
744	1	40	1	1	CB,SS			42	1	1	D				42	1	1	D		9	
745	1	18	2	2				22	1	1					22	1	2			9	
746	1	8	2	3	CB			8	2	4					8	2	4			9	
747	2	16	2	3	SS			10	2	3					10	2	3			9	
748	2	16	2	2	SS			16	2	2					16	2	2	SS		9	
749	2	2	3	4	SS			2	3	4	SB				2	2	4	SS		9	
750	2	8	3	4	SS			8	2	4					8	2	4			9	
751	2	2	3	4	SS			2	3	4	D,SB				2	3	4	D,SB		9	
752	2	10	2	3	CB,SS			10	2	3					10	2	3	SS		9	
753	2	18	2	2	SS			18	2	2	D				18	2	2	D,SS		9	BROKEN SIDE LIMB
754	2	10	3	4	DT,SS,DECAY			10	3	4	DT			ALMOST DEAD	10	3	4	DT,SS,BI		9	ALMOST DEAD,STEM ROT
755	2	12	2	3	SS			12	2	3					12	2	3			9	LEANING
756	2	24	1	1	CB,SS,SB			24	1	1	D				24	1	1	D		9	
757	2	10	3	4	BT,SS,NEAR DEATH			10	3	4	BT,SB				10	3	4	BT,DT,SS		9	
758	2	4	3	4	DT,SS,DECAY			4	3	4	DT			ALMOST DEAD	4	3	4	DT		9	ALMOST DEAD
759	2	2	3	4	SS,ALMOST DEAD			2	3	4	SB				2	3	4			9	
760	2	14	2	3	SS			14	2	3	SS				14	2	3	SS		9	
761	2	18	2	2	SS,DIEBACK			18	2	1	D				18	2	1	D,SS		9	
762	2	4	3	4	SS,SB			4	3	4	SS,DT				4	3	4	SS,BT		9	
763	2	22	1	1	CB,SS			22	1	2	D				22	1	2	D		9	
764	2	6	3	4	DT,SS,SB			6	3	4	DT				6	3	4	DT,SS		9	
765	2	18	2	2	CB,SS,DIEBACK			18	1	1	D				18	2	2	D		9	
766	4	8	3	3	DEAD FOLIAGE STILL ATTACHED NO SIGNS			10	2	3				confirm quadrant in field	10	2	3			9	confirm quadrant in field
791					Tree not present in 2001.			22	1	2					22	1	2			9	

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

Plot center moved 34.2' North to avoid overlap.

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 5-1

SOD 2001 Data								SOD 2002 Data Sheets							SOD 2003 Data Sheets						
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
390	4	34	1	1	CB			34	1	1			9		34	1	2			9	
391	4	44	1	1	CB			44	1	1			9		44	1	2			9	
392	4	22	1	2	BI,SS			22	1	2	BI		9		22	2	2	BI,YD		9	
393	4	22	1	2	SS			22	1	2			9		22	1	2			9	
394	4	32	1	2	CB,		BACTERIAL WET WOOD, NO EVIDENCE OF SOD	32	2	2			9	BACTERIAL WET WOOD, NO ZONE LINES	32	1	2	Y		9	BACTERIAL WET WOOD, NO EVIDENCE OF SOD
395	1	18	1	2	CB			18	1	2			9		18	1	2	SS		9	
396	1	28	1	1	CB			28	1	2			9		28	1	2			9	
397	1	20	1	1	CB			20	1	2			9		20	1	2			9	
398	1	30	1	2	CB			30	1	1			9		30	1	2			9	
322	2	20	1	1	CB			20	1	1			9		20	1	1			9	
399	3	12	1	1				12	1	2			9		12	1	2			9	TAGGED AS GROWTH TREE 15 ALSO
323	3	16	1	2	SS			16	2	2	SS		9		16	2	2	SS		9	P. OAK CLIMBING
325	3	10	3	4	BT,DT,SS			10	3	3	BT,DT,SS		9		10	3	4	BT,DT,SS		9	
324	3	28	1	1	CB			28	1	1			9		28	1	2			9	P. OAK CLIMBING
330	3	22	1	2	SS,CB			22	1	2			9		22	1	2	SS		9	
326	3	16	2	2	SS			16	2	2			9		16	2	2			9	
327	3	16	2	3	SS,CB			16	2	3	SS		9		16	2	3	SS		9	

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
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Sudden Oak Death Data -- Plot 5-2

SOD 2001 Data Sheets								SOD 2002 Data Sheets							SOD 2003 Data Sheets							
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
351	4	22	1	2	CB			22	1	2			9		22	1	2			9	
301	4	74	1	1	CB			74	1	1			9		74	1	1			9	
352	1	18	2	2				18	1	3			9		18	1	3	SS		9	
302	1	20	2	2	CB.SS			20	2	3	SS		9		20	2	3	SS		9	
353	1	22	2	2	CB			22	1	2			9		22	1	2	SS		9	
303	1	12	2	3	SS			12	2	3	SS		9		12	2	3	SS		9	
304	1	22	1	1	CB			22	1	2			9		22	1	2			9	
354	1	14	2	3	CB,SB,SS			14	2	3	SB,SS		9		14	2	3	SB,SS		9	BROKEN SIDE LIMB
355	2	36	1	1	BI,CB			36	1	1	BI		9		36	1	1	BI		9	
305	2	22	2	1	CB			22	3	2	DT		9		22	3	2	DT,BT		9	P. OAK CLIMBING
356	2	28	2	2	CB,SB,SS,BI			28	2	2	SS,SB,BI		9		28	2	2	SS,SB,BI (HEALING)		9	BROKEN SIDE LIMBS
306	2	6	3	4	DT,SS			6	3	4	DT,SS,BT		9		6	3	4	DT,SS,BT,BI		9	
357	2	22	1	1	CB,BI			22	1	1			9		22	1	2			9	
307	2	14	2	2	CB			14	2	3			9		14	2	3			9	
308	3	4	3	4	DT,SS,SB			4	3	4	DT,SS,SB,BT		9		4	3	4	DT,SS,SB,BT		9	
358	3	32	1	2	CB,BI			32	1	2	BI,CB	*****	9		32	1	2	BI,CB	2001	9	OOZE FROM WOUNDS
182								12	2	3	SB		???	Coffeeberry	12	2	3	SB		10	BUCKEYE
181								14	2	3			???		14	2	3			10	BUCKEYE

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
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4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 5-3

SOD 2001 Data Sheets								SOD 2002 Data Sheets							SOD 2003 Data Sheets						
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
359	3	14	2	3	CB,SS			14	2	3			9		14	2	3			9	
360	3	10	3	4	CB,SS			10	3	4	ss		9		10	3	4	SS		9	
361	3	20	2	2	BI,YD,SB			20	2	2	BI,SB		9		20	2	2	BI,SB,YD		9	BROKEN SIDE LIMB
362	3	12	2	3	SS,CB			12	2	3	SS		9		12	2	2	SS		9	
363	3	24	1	1	CB			24	1	2			9		24	1	2			9	
364	3	20	1	1	SS			20	1	2			9		20	1	2			9	
365	3	22	1	1	CB			22	1	2			9		22	1	2			9	DEAD SIDE LIMB
366	3	12	3	4	BI,CB			12	3	4	BI,CB		9		12	3	4	BI,CB,YD		9	
367	4	12	3	4	BI			12	3	4	BI		9		12	3	4	BI,YD,SS		9	
368	4	14	2	3	BI,CB			14	2	3	BI		9		14	2	3	BI,CB,YD		9	
369	3	10	2	3	SS			10	2	3			9		10	2	3	SS		9	
370	3	10	2	3	SS,CB			10	2	3			9		10	2	3	SS		9	
371	3	10	2	3	SS,CB			10	2	3			9		10	2	3	SS		9	
372	3	10	2	3	CB			10	2	3			9		10	2	3	CB		9	
373	2	22	1	1	CB			22	1	1			9		22	1	2			9	
374	2	14	2	2	SS			14	2	2			9		14	2	3	SS		9	
375	2	14	2	2				14	2	4			9		14	2	3			9	
376	2	20	2	2	BI,SS			20	2	2	BI		9		20	2	2	BI (FROM RD. CONST.)		9	OOZE FROM WOUND
377	2	12	2	4	CB			12	3	4			9		12	2	3			9	TRUNK INJURY
378	2	12	2	1	CB			12	2	1			9		12	2	1			9	
310	2	16	2	2	SS			16	2	2			9		16	1	2	SS		9	
379	2	16	2	2	SS									Tree gone from 2002 inventory							Tree gone from 2002 inventory
311	2	28	1	1	CB			28	1	2			9		28	1	2	SS		9	
380	2	18	2	2	SS,BI			18	2	3	SS,BI		9		18	2	2	SS,BI		9	
381	2	46	2	1	BI,SS		CONK	46	2	3	BI,SS,BT w/new leader		9	CONK	46	2	1	BI,SS,BT w/new leader		9	CONK,OOZE FROM WOUND,LARGE BROKEN BRANCH
312	1	16	1	2				16	2	2			9		16	1	2	SS		9	
313	1	14	1	2	SS			14	2	2			9		14	1	2			9	
314	1	10	2	4	SS			10	2	4			9		10	2	4			9	LEANING
315	1	22	1	1				22	1	2			9		22	1	2	CB,SS		9	
382	1	16	1	1				16	1	1			9		16	1	1			9	
382	1	14	2	2				14	2	2			9		14	2	2			9	
316	1	16	1	2	CB,SS			16	1	2			9		16	2	2	SB		9	
317	1	18	1	1	SS			18	1	2			9		18	1	2	SS,SB		9	
384	1	16	2	1	CB,SS,CB			16	2	2			9		16	2	2	SS,SB		9	
385	1	20	2	1	SS,SB			20	1	1	SB		9		20	1	1	SBBI		9	
318	1	16	1	2	SS			16	1	2	SB		9		16	1	2	SB,SS		9	
386	1	18	2	2	SS,SB			18	2	3	SB		9		18	2	3	SB,SS		9	
319	1	16	1	2	CB			16	2	3			9		16	2	3			9	DEAD SIDE LIMB
387	1	18	1	1	CB,SS			18	1	2			9		18	1	2	SS		9	
320	1	12	2	3				12	2	3			9		12	2	3			9	
388	1	14	2	3	CB			14	2	3			9		14	2	3			9	
389	1	8	3	4	SS			8	3	4			9		8	3	4	SS		9	
321	1	22	1	1	CB			22	1	2			9		22	1	2	CB		9	

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

MOVED PLOT CENTER 34.2' DUE EAST

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 6-1

SOD 2001 Data								SOD 2002 Data Sheets							SOD 2003 Data Sheets							
Tree No.	Quad	Dbh	Vigor Code	Crown Class	Disease/Damage	Possible SOD	REMARKS	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Speices Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Speices Code	Remarks
124	1	16	1	2	CB			14	2	2			9		14	2	3			9	
125	1	12	2	2				12	2	2			9		12	2	3			9	
126	1	10	2	2	CB			10	2	3			9		10	2	2			9	
127	1	10	2	2	CB			12	2	3			9		12	2	2			9	
128	1	24	1	2				24	1	2			9		24	1	2			9	Bleeding From Upper Limb (20 ft up)
129	1	16	1	2				16	1	2			9		16	1	3			9	
130	1	8	3	2	SS			8	2	3			9		8	2	3			9	
131	1	10	2	4	SS,SB			10	2	4			9		10	2	4			9	Leaning
132	1	10	2	2	CB			12	2	2	Y		9		12	2	2	Y		9	
133	1	8	3	2	CB			8	2	2	BI		9		8	2	2	BI		9	
134	1	12	2	2				12	2	2			9		12	2	2			9	
135	4	12	2	2				12	2	3			9		12	2	3	BI		9	
136	4	8	3	3	SS			8	2	3			9		8	2	3	SS		9	
137	4	14	1	2	CB			14	2	2			9		14	2	2			9	
138	4	22	2	2			NW CORNER TREE	20	2	2			9	NW CORNER TREE	20	2	2			9	NW CORNER TREE
139	4	24	2	2	TRUNK INJURY			24	2	2	TRUNK INJURY		9		24	2	1	TRUNK INJURY		9	
140	4	24	2	1				24	1	1	Y		9		24	1	1	Y		9	
141	4	12	2	1	CB			12	1	2			9		12	1	1	Y		9	
142	4	2	3	3	DT			2	2	2	SB		9		2	1	1	Y,SS		9	
143	4	38	1	2				38	1	1	Y		9		38	1	1	Y		9	
144	3	30	1	2	CB			30	1	1			9		30	1	1	SS		9	
145	2	6	3	4	SS			4	2	4	SB		9		4	1	4	SB		9	
146	2	16	2	1	CB,SS,SB,BI			16	2	2	SS		9		16	1	1	SS,SB		9	
147	2	8	2	2	CB			14	2	2			9		14	1	1	SB		9	
148	2	10	2	1	SS			10	1	1	Y,SB		9		10	1	1	Y,SB,SS		9	
149	2	2	2	3			FROM A BASAL SPROUT	2	2	3	SB		9		2	1	2	SB		9	
150	1	8	2	3	SS			10	2	3			9		10	2	3			9	Not Found in 2003 Survey
218								12	2	1	D		8	MADRONE	12	2	1	D,DT		8	MADRONE,Dead,Becoming Snag,Still Standing
219								14	2	2			8	MADRONE	14	2	2			8	MADRONE,Large dead side branch
220								22	2	2			8	MADRONE	22	2	2			8	MADRONE
221								14	2	2			8	MADRONE	24	1	2			8	MADRONE
222								2	1	2			8	MADRONE	2	1	2			8	MADRONE
223								2	1	2			8	MADRONE	2	1	1	Y		8	MADRONE
224								2	1	2			8	MADRONE	2	1	1	SB		8	MADRONE

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

ALMOST ALL
OF QUADRANT
3 WAS CUT

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 6-2

SOD 2001 Data Sheets								SOD 2002 Data Sheets								SOD 2003 Data Sheets							
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks		Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks	
801	1	14	1	2	CB			14	2	2			9			14	2	2			9		
802	1	16	2	2	SS,CB			16	2	2	SS,SB		9			16	2	2	SS		9		
803	1	6	3	4	SB			6	2	3	SB		9			6	3	4	SS		9		
804	1	8	3	4	SS			8	2	3			9			8	3	3			9		
805	1	8	2	3	SS			8	2	3			9			8	2	3			9		
806	1	30	1	1	CB		LARGE CAVITY	32	1	1			9	LARGE CAVITY		32	1	1			9	LARGE CAVITY	
807	1	10	2	2	CB		LEAF SPOT/DIEBACK	10	2	2			9			10	2	2			9		
808	1	14	2	3				14	2	3	BI		9			14	2	3	BI		9		
809	1	8	3	3				8	2	3			9			8	2	3			9		
810	1	10	1	2				10	2	2	BI		9			10	2	2	BI		9		
812	4	16	2	2	SS		NW CORNER	16	2	2	BI		9	NW CORNER		16	2	2	BI,Y		9	NW CORNER	
813	4	14	2	2	SS			14	2	2	BI		9			14	2	2	BI		9		
814	4	12	3	3	SS			12	2	2			9			12	2	2	CB		9		
815	4	6	3	4	SS			6	2	3			9			6	3	3	SB		9		
816	4	22	2	2				22	2	2	BI		9			22	2	2	BI		9		
817	4	32	1	1	CB,SS			32	1	1			9			32	1	1	SS,CB		9		
818	4	22	2	1	CB,SS			22	2	1			9			22	1	1	SS,SB,CB,Y		9		
819	3	18	2	2				16	1	1			9			16	1	1	SS,SB		9		
820	3	12	2	2	CB,SS			12	2	2			9			12	2	2	SB		9		
821	3	10	2	2	SS,CB			12	2	2			9			12	2	2	SB		9		
822	2	10	1	1	CB			10	2	1			9			10	1	1	SB,BI		9		
823	2	12	2	2	SS			14	2	2	SS		9			14	1	2	SS,CB		9		
824	2	12	2	2				24	2	2	D		9			12	2	2	D		9		
951	1	8	3	3	SS,BI			8	2	3	SS,BI		9			8	2	3	SS,BI		9		
952	1	12	2	2	CB			10	2	2	CB		9			10	2	2	CB		9		
953	1	16	1	2	CB			16	1	1	BT,SS,DT		9			16	2	1	SS,CD		9		
954	1	6	3	4				6	3	4			9			6	3	4	BT		9	Looks to be Dying	
955	1	10	3	4	SS,DT,BT			10	3	4			9			10	3	4	BT,SS		9		
956	1	10	3	3	BI			10	3	3	BI		9			10	2	3	BI		9		
957	1	14	2	2	SS,CB			14	2	2			9			14	2	2			9		
958	1	6	3	4	SS			6	3	4	BI		9			6	2	4	BI,SS		9		
959	1	4	3	4	DT,BT,SS		NEAR DEATH	6	3	4	DT,BT,SS		9	NEAR DEATH		6	3	4	DT,BT,SS		9	NEAR DEATH	
960	1	12	2	2	SS			14	2	2	SS		9			14	2	2	SS		9	Broken Branch	
961	1	4	3	3	CB,SS			6	2	3	CB,SS		9			6	2	2	CB,SS,Y		9		
962	1	8	3	3	CB,SS			8	2	2	SB		9			8	2	2	SB,SS,CB		9		
963	1	6	3	4	SS			6	3	4	DT		9			6	3	4	DT,BT		9	Close to Death w/ a few Sprouts @ the To	
964	1	6	3	4	SS			6	3	4	SS		9			6	2	4			9		
965	1	4	3	4	CB,SS,BI,SB		TRUNK INJURY	4	3	4	CB,SS,BI,SB		9	TRUNK INJURY		4	2	3	CB,BI		9	TRUNK INJURY	
966	1	10	2	1	CB,BI			16	2	2	SB,BI		9			12	2	2	BI		9		
967	1	16	2	2	CB,SS			16	2	2	CB,SS		9			16	2	2			9		
968	1	18	2	2	CB			18	2	2			9			18	2	2			9		
225								6	2	3			???	TOYON		6	2	3	CB,Y		11	TOYON	
226								6	2	2			????	california bay		6	2	2	SB,SS		4	california bay	
227								10	1	2			????	california bay		10	2	2	SS		4	california bay	
228								8	2	4	SB		????	california bay		8	1	2	SB		4	california bay	
229								4	3	4	SB		????	TOYON		4	2	3			11	TOYON	
230								2	3	4			????	TOYON		2	3	4	SB		11	TOYON	
231								16	1	1	SB		???	california bay		16	1	1	SB,SS		4	california bay, Conk @ Base	
232								12	2	2	BI,SB		8	madrone		12	2	1	BI,SB,Y		8	madrone, Branch Scares	
233								14	1	2			9			14	1	2			9		
234								6	3	4	SB		???	TOYON		6	1	3	SB,SS		11	TOYON	
235								6	3	4	SB		???	TOYON		6	1	3	SB		11	TOYON	
236								16	1	2			????	california bay		16	1	2	CB		4	california bay	
237								10	2	2	SB		????	california bay		10	1	2	SS		4	california bay	
238								10	1	1			????	california bay		10	2	1	SS		4	california bay	
239								4	3	4	SB		???	TOYON		4	3	4	DT,SS		11	TOYON	
240								4	2	3	SB		???	TOYON		4	2	3	SB		11	TOYON	
241								4	2	3	SB		???	TOYON		4	3	4	SB		11	TOYON	
242								4	3	3	SB		???	TOYON		4	3	3	SB		11	TOYON	
243								4	2	3	SB		???	TOYON		4	2	3	SB		11	TOYON	

(continued)

Sudden Oak Death Data -- Plot 6-2 (continued)

244	4	2	3	SB	???	TOYON	4	2	3	SB	11	TOYON
245	2	3	4	DT	9		2	3	4	DT	9	
246	4	3	4	DT	???	TOYON	4	2	4	DT	11	TOYON
247	2	3	3		???	TOYON	2	3	3		11	TOYON
248	4	2	3		???	TOYON	4	3	3		11	TOYON
249	2	2	3		???	TOYON	2	2	4		11	TOYON
251	6	2	3		8	MADRONE	6	2	3		8	MADRONE
252	2	2	3		9		2	2	3	SB,SS	11	TOYON
253	6	2	3	SB	???	TOYON	6	2	3	SB	11	TOYON,Branch is beginning to Split
254	6	2	3		???	TOYON	6	2	3		11	TOYON
255	12	2	3	BI	9		12	2	3	BI	9	
256	8	2	3	BI	8	MADRONE	8	2	2	BI	8	MADRONE
257	6	3	3		???	TOYON	6	3	3		11	TOYON,Side Branch in bad shape
258	6	3	3	SB	???	TOYON	6	3	3	SB	11	TOYON
259	2	2	3		???	TOYON	2	2	4		11	TOYON
260	4	2	3		???	TOYON	4	3	4	SB	11	TOYON
261	4	2	3		???	TOYON	4	2	3		11	TOYON
262	6	2	3		???	TOYON	6	2	4		11	TOYON
263	4	3	4		???	TOYON	4	3	4	SB	11	TOYON
264	4	2	3		???	TOYON	4	3	2	DT	11	TOYON
265	4	2	3		???	TOYON	4	2	3		11	TOYON
266	4	2	3		???	TOYON	4	3	3		11	TOYON
267	8	2	3		???	TOYON	8	2	3		11	TOYON
268	2	2	3		???	california bay	2	2	3	SB	4	california bay
269	2	2	3		???	california bay	2	2	3		4	california bay
270	2	3	4		???	california bay	2	3	4	SB	4	california bay,Growing Towards Ground
271	2	2	3		???	california bay	2	2	4	SB	4	california bay
300	6	2	3		???	UNKNOWN SPECIES	6	2	3		10	BUCKEYE
811	16	2	2	BI,Y	9		16	2	2	BI,Y	9	

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 6-3

SOD 2001 Data Sheets Plot # 6-3								SOD 2002 Data Sheets							SOD 2003 Data Sheets						
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
101	1	22	1	2	SS,CB			20	1	12			9		20	2	2	Bl		9	
102	1	20	1	2	SS,CB			20	1	1			9		20	1	2			9	
103	1	12	2	3	SS,CB			10	2	2			9		10	1	3	SB		9	
104	1	14	2	2				14	2	2	Bl,SS,SB		9		14	2	2	Bl		9	
105	1	10	3	2				12	2	2			9		12	2	2			9	
106	1	14	2	2	CB			14	1	2			9		14	2	2	Bl		9	
107	1	12	2	2	SS,CB			12	2	2			9		12	1	2	Bl,CB		9	
108	1	10	3	2	Y,B			10	2	2	Bl		9		10	2	2	Bl,Y,CB		9	
109	4	14	2	2	CB,Bl			14	1	1	Bl,CB		9		14	1	2	Bl,CB,SB		9	
110	4	16	2	2	CB,SS			16	2	2			9		16	2	2			9	Posion Oak encroaching
111	4	8	3	2	SS			8	2	2			????	california bay	8	2	2	SS		9	
112	4	12	3	2	SS,CB			10	2	2			9		10	1	2	SS,CB,Bl		9	
113	4	14	2	2	SS,CB			16	2	2			9		16	1	2	SS,CB,Bl		9	
114	3	20	2	2				18	2	2			9		18	2	2			9	Stem Cavity From Broken Branch
115	4	16	2	1	Bl,SS,SB			16	1	1	SS		9		16	1	1	SS,SB,Bl		9	
116	3	12	2	1	SB,SS			12	1	1	Bl,SB,SS		9		12	2	1	Bl,SB,SS		9	Posion Oak Climbing It
117	3	16	2	1	SS,CB			14	1	1	SS		9		14	1	1	SS,CB,Y		9	
118	3	12	2	2	CB			14	1	1			9		14	1	1	Bl,CB		9	
119	2	16	2	2	SS,CB			16	1	1	SS,CB		9		16	2	1	SS,CB,SB		9	
120	2	14	1	1	SS			14	1	1	SS		9		14	1	1	SS,Bl,SB		9	Two Dead Limb on Top
121	2	6	1	2				6	1	3	SB		9		6	1	2	SB,Bl,SS		9	
122	2	24	1	1	CB			26	1	1			9		26	1	1			9	
123	2	12	1	2	CB			12	2	2			9		12	2	2	CB		9	
174								4	2	3			???	california bay	4	1	3			4	california bay
175								14	3	2	Disease/Damage		8	MADRONE	14	3	2	CB		8	MADRONE,Dead Side Branch
176								16	3	2	Y,Bl		8	MADRONE	16	2	2	Y,Bl		8	MADRONE
177								2	2	4			???	california bay	2	2	4			4	california bay
178								14	2	2	Bl		8	MADRONE	14	2	2	Bl,CB		8	MADRONE
179								12	2	2	Bl,Y		8	MADRONE	12	2	1	Bl,Y		8	MADRONE
180								16	2	2	Bl,Y		8	MADRONE	16	2	1	Bl,Y		8	MADRONE
272								2	2	4	Bl		9		2	2	4	Bl		9	
275								14	2	2	Bl,Y		8	MADRONE	14	2	2	Bl,Y,CB		8	MADRONE
276								12	1	2			???	california bay	12	1	2			4	california bay
277								2	1	3			8	MADRONE	2	1	3	SB		8	MADRONE
278								2	2	3			8	MADRONE	2	2	4			8	MADRONE
279								4	1	3			8	MADRONE	4	1	3	Bl		8	MADRONE
280								2	2	3			9		2	1	3	SB		9	
281								4	3	2			???	california bay	4	3	2	BT		4	california bay
282								4	2	2			???	california bay	4	2	1	SS		4	california bay
283								4	3	2	DT		???	california bay	4	3	2	DT,BT,SS		4	california bay
284								2	1	2			8	MADRONE	2	1	2			8	MADRONE
285								2	1	2			8	MADRONE	2	1	2			8	MADRONE
286								2	1	2			8		2	1	2			8	

These trees not measured in 2001.

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	Bl	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 7-1

SOD 2001 Data								SOD 2002 Data							SOD 2003 Data							
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	REMARKS	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	REMARKS	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	REMARKS
601	3	12	2	3	SS			12	3	4	D		9		12	3	4	D,SS		9	WOUND DECAY,4 FT UP
602	3	10	2	3	SS			10	2	3	D		9		10	2	3	D,SS		9	
653	3	14	1	2	SS,CB			14	2	2			9		14	2	2	SS		9	
603	3	10	2	2	SS,CB			10	2	2	D		9		10	2	2	D,BI		9	
604	3	12	2	2	SS,CB			12	2	2			9		12	2	2	SS		9	
654	3	10	2	2	SS,CB			10	2	2	D		9		10	2	2	D		9	
605	3	8	2	3	SS			8	2	2			9		8	2	2	SS,CB		9	
655	3	8	2	2	SS			8	3	2	D		9		8	2	2	D		9	
606	3	12	1	2	CB,SS			12	2	2			9		12	2	2	SS,CB		9	
656	3	14	1	2	CB,SS			14	2	2			9		14	1	2	SS,CB		9	
607	3	16	1	2	CB,SS			16	2	2	CB		9		16	2	2	CB		9	
608	3	8	2	3	SS			8	2	3			9		8	2	3	BI		9	
609	4	10	2	3	SS			10	2	3	D		9		10	2	3	D,SS		9	OOZE @ BASE, 6 FT UP
610	4	16	2	2	SS			16	2	3	D		9		16	2	2	D,CB,BI		9	TRUNK INJURY
657	4	10	3	3	SS,BI			10	2	7	D		9		10	3	4	D,CB,SS,BI		9	TRUNK WOUND ROT
658	4	20	1	2	SS,CB			20	1	2			9		20	2	2	BI,CB		9	
659	4	6	3	4	SS,BT			6	3	3	SB		9		6	3	3	SS		9	
611	4	12	2	2	SS		TRUNK WOUND	12	2	2			9	TRUNK WOUND	12	2	2	BI		9	TRUNK WOUND,OOZE @ BASE-CHIPPED INTO
660	4	12	2	2	SS			14	2	2	Y		9		14	1	2	Y,CB		9	
612	4	10	2	2	SS			10	3	3	D		9		10	3	3	D		9	OOZE FROM WOUND
661	4	12	2	2	SS			12	2	3			9		12	2	3	SS		9	OOZE FROM CROTCH @ BASE
613	4	8	2	2	SS			8	2	3	D		9		8	2	2	D,CB		9	
614	4	6	3	4	BT,SS			6	3	4	BT,DT		9		6	3	4	BT,DT		9	OOZE 3 FT UP
662	4	8	2	2	SS			10	2	3	Y,D		9		10	2	2	Y,D,SS,BI		9	DEAD SIDE LIMB
615	4	14	1	2	CB,SS			14	2	2	D		9		14	2	2	D,CB		9	
663	4	30	1	2	BI			30	1	2			9		30	1	2	BI		9	
664	4	22	1	1				22	1	2			9		22	1	2	CB		9	
665	4	15	2	2	CB,SS			16	2	2	D		9		16	2	2	D,CB		9	
616	1	12	2	1	CB,SS			12	2	3			9		12	2	3	CB,SS,SB		9	
666	1	14	2	1	CB			14	2	2	D		9		14	2	2	D,CB		9	
617	1	12	2	2	SS			12	2	3	D		9		12	2	3	D,CB,SS		9	
667	1	16	1	1	CB,SS			16	2	1	D		9		16	1	1	D,CB		9	
618	1	10	2	2	CB,SS			10	2	3	D		9		10	2	3	D,CB		9	
668	1	16	2	2	CB,SS			16	2	3	D		9		16	2	3	D,CB		9	
619	1	10	2	2	CB,SS			10	2	2	D		9		10	2	2	D,CB,SS		9	
669	1	10	2	2	SS			10	2	2			9		10	2	2			9	
620	1	8	2	2	CB,SS			8	2	3			9		8	2	2	SS,CB		9	
670	2	8	2	2	SS			8	2	3	D		9		8	2	3	D,BI		9	
621	2	8	2	3	SS			6	3	4	D		9		6	3	4	D,SS		9	
622	2	6	2	3	SS			6	3	4	D		9		6	3	4	D,SS		9	
671	2	6	3	2	SS			6	3	3	SS		9		6	2	3	SS,CB		9	
672	2	8	3	2	SS			8	3	4			9		8	2	3	SS		9	
623	2	18	1	1	SS			18	2	2	D		9		18	2	2	D,CB,SS		9	DECAY FROM BRANCH WOUND @ BASE
673	2	10	1	1	CB			12	2	2	D		9		12	2	2	D,CB		9	
624	2	16	2	2	SS			16	2	3	D		9		16	2	3	D,CB		9	DECAY FROM BRANCH WOUND, 3 FT UP
674	2	10	2	2	SS			12	2	3	D		9		12	2	2	D,SS		9	
625	2	10	2	2	SS			10	3	4	D		9		10	3	3	D,SS		9	BROKEN SIDE LIMB
626	2	20	2	2	SS			20	2	2			9		20	2	2	SS		9	
627	2	8	2	2	CB,SS			8	2	3			9		8	2	2			9	
675	2	8	2	2	CB,SS			8	2	3	D		9		8	2	2	D		9	OOZE FROM WOUND
628	2	10	2	3	CB,SS			10	3	3	Y		9		10	3	3	Y,SS,BI		9	
676	2	14	1	2	CB			14	3	4			9		14	2	3	CB		9	
629	2	12	2	2	CB			12	2	3			9		12	2	2	CB		9	

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 7-2

SOD 2001 Data							SOD 2002 Data							SOD 2003 Data						
Tree No.	Quad	Dbh	Vigor Code	Crown Class	Disease/Damage SOD	REMARKS	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	REMARKS	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	REMARKS
917	3	16	1	2	CB		16	2	2			9		16	1	2	CB		9	
918	3	14	2	1	CB		14	2	2			9		14	2	2	SB,CB,BI		9	
919	3	10	2	2	CB,SS		10	2	2			9		10	2	2	SS		9	
920	3	14	2	2	BI		14	2	2	BI		9		14	2	2	BI,CB,SS,YD		9	
921	3	14	1	2	CB		14	2	2			9		14	2	1	SS		9	
922	3	10	2	2	SS		10	2	3			9	trunk wound	10	2	3			9	trunk wound
923	3	14	2	2	SS		14	2	2			9		14	2	2	BI,CB		9	
924	3	12	2	2	CB		12	2	3			9		12	2	3	CB		9	
925	3	14	2	2	CB		14	2	2			9		14	2	2	CB		9	
926	3	14	2	2	CB		14	2	2			9		14	2	2	SS		9	
927	3	8	2	2	CB		8	2	3			9		8	2	3	SS		9	
928	3	18	1	2	CB	CORNER TREE	18	2	2			9	CORNER TREE, checked for SOD, no signs	18	2	2	CB		9	CORNER TREE, checked for SOD, no signs,DECAY @ BRANCH WOUND
930	4	18	1	2	CB		16	2	2			9		16	1	2	CB		9	
929	4	14	3	2	Y,SS	LITTLE AMOUNT OF LIVE FOILAGE	14	3	2	YD,SB,D		9		14	3	2	YD,SB,D,SS		9	DYING, OOZE FROM BRANCH WOUND
931	4	12	1	2	CB		12	2	2			9		12	2	2	SS		9	
969	4	10	1	2	CB		10	2	3	D		9		10	2	2	D,SS		9	
943	4	14	1	2	CB		14	2	2			9		14	2	2	SS		9	
970	4	18	1	2	SS		18	2	2			9		18	1	2	SS		9	
971	4	12	2	2	SS	LARGE DEAD BRANCH	12	2	3			9	LARGE DEAD BRANCH	12	2	3	BI,CB,SS		9	LARGE DEAD BRANCH
972	4	20	1	2	CB		20	1	2			9		20	1	2	CB		9	
944	4	14	1	2	CB		14	1	2			9		14	1	1	CB,SB		9	
946	1	18	3	2	YD,SS		18	2	3	YD,BI		9	large rotting branch	18	3	3	YD,BI		9	large rotting branch
973	1	14	2	1	BI		16	2	2			9		16	2	2	BI,CB		9	
974	1	14	2	1	SS,CB		14	2	2	D		9		14	2	2	D,CB,SS		9	
975	1	18	1	1	CB		16	2	1	D		9		16	2	1	D,CB		9	
947	1	12	1	1	CB		14	2	1			9		14	2	1	CB		9	
976	1	14	1	1	CB		14	2	1			9		14	2	1	CB		9	DECAY @ BRANCH WOUND
948	2	10	2	2	SS,CB		10	2	3			9		10	2	2	SS		9	
977	2	18	1	1	CB		18	1	1			9	rotting lower trunk, no SOD signs	18	1	1	CB		9	rotting lower trunk, no SOD signs
978	2	16	1	1			16	1	1			9		16	1	2	CB		9	
949	2	16	1	2	SS		16	2	2			9		16	1	2	SS,CB		9	
950	2	10	2	2	SS,BI,Y		10	2	3	BI		9		10	2	3	BI,SS		9	SIGNIFICANT BI

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 7-3

SOD 2001 Data								SOD 2002 Data							SOD 2003 Data							
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
630	2	8	2	2	SS			8	2	3			9		8	3	3	SS		9	
631	2	6	2	2	SS			6	2	3			9		6	2	3	SS		9	
632	2	4	2	3				4	2	3			9		4	2	3	SS		9	
633	2	18	2	3	BI,Y,BT/NEW LEADER			18	2	3	BI, BT/NEW LEADER, D		9		18	3	2	BI, BT/NEW LEADER, D		9	TRUNK ROT @ BROKEN TOP
634	2	6	2	3	SS			6	2	4			9		6	2	3	SS		9	
635	2	2	3	4	DT/ALMOST DEAD			2	3	4			9	Almost dead	2	3	4	SS		9	Almost dead
636	2	12	2	2	SS,CB			12	2	3	D		9		12	2	3	D,SS,CB		9	
637	2	52	1	1	CHECKED FOR SOD, NEG. BI,YD,SS			52	1	1	BI,Y		9	CHECKED FOR SOD, NEG	52	1	1	BI,Y,YD,SS		9	CHECKED FOR SOD, NEG
638	1	16	1	1	CB,SS			16	2	2			9		16	2	2	CB,SS		9	
639	1	8	3	4	BT,SS			8	3	4	BT		9		8	3	4	BT,SS		9	
640	1	14	1	1	SS,CB			14	1	1			9		14	1	1	SS,CB		9	
641	1	12	2	2	BT			12	2	3			9		12	2	3	SS		9	
642	1	8	3	4	BT,SS			8	3	4	DT		9		8	3	4	DT,SS		9	ALMOST DEAD
643	1	8	3	4	SS			8	2	3			9		8	3	4	SS		9	
644	1	12	2	2	BT,SS			12	2	3			9		12	2	3	YD,SS		9	OOZE FROM WOUND
645	1	12	2	2	SS			12	2	2			9		12	2	2	CB		9	
646	1	10	3	4	BI,SS			10	3	4			9		10	3	4	SS,YD		9	TRUNK WOUND
647	1	16	2	2	CB			16	2	3			9		16	2	2			9	
648	1	16	1	2	SS,CB			16	2	2			9		16	2	2			9	
649	1	12	3	4	SS, STEM GALL			12	3	4			9		12	3	4	SS		9	DEAD SIDE LIMB
650	4	24	3	1	BT,SS,ALMOST DEAD			24	99				9	DEAD	24	99				9	DEAD
651	4	12	2	2	CB,SS			12	2	2			9		12	1	1	CB,SS		9	
652	4	12	3	2	BT,SB,DECAY, ALMOST DEAD			12	3	2	BT,SB,YD		9		12	3	2	BT,SB,YD,SS		9	DYING
677	4	10	3	2	BT,SS			10	2	2	BT/NEW LEADER		9		10	3	2	BT/NEW LEADER,SS		9	
678	4	12	2	2	SS			12	2	2			9		12	2	2	SS		9	
679	4	20	2	1	SB,BI,TRUNK DECAY			20	2	1	SB,BI,YD		9	trunk wound	20	2	1	SB,BI,YD		9	trunk wound,DEAD, ROT @ BASE, SNAPPED @ BASE
680	4	6	3	2	SS,BT			6	3	3	BT/NEW LEADER		9		6	3	2	BT/NEW LEADER		9	MOVED TAG UP FROM DECAY ZONE,DEAD SIDE LIMB
681	3	16	1	2	CB,SS			16	2	2			9		16	2	2	CB,SS		9	
686	3	38	2	1	CB,SS			26	2	2			9		26	2	2	SS		9	
682	3	12	1	2	CB			16	2	2			9		16	2	2	CB,SS		9	
683	3	12	3	4	DT,BT,SS			16	3	4	BT		9		16	3	4	BT,SS		9	TRUNK WOUND
684	3	10	2	2	CB,SS			12	2	3			9		12	2	3	CB,SS		9	
687	3	10	2	2	SS			10	2	2			9		10	2	2	SS		9	
685	3	18	2	1	SS			18	2	2	D		9		18	3	2	D,SS		9	DECAY FROM TRUNK WOUND, CROWN DIE BACK
688	3	24	1	1	BI,SS			22	2	2	BI		9		22	2	2	BI,SS,YD		9	BROKEN SIDE LIMB
692	3	6	3	4	SS			6	2	4			9		6	3	4	SS		9	
689	3	4	3	4	SS,BT,DT			4	3	4	BT		9	ALMOST DEAD	4	3	4	BT,SS,SB		9	ALMOST DEAD
690	3	8	3	4	SS			8	2	2			9		8	2	3	BI		9	
691	3	6	3	4	BT,SS			6	3	4	DT		9		6	3	4	BT,SS		9	
693	3	16	2	2	SS,			16	2	2	D		9		16	2	2	D,SS		9	LEANING
694	3	34	1	1	SS,CB			34	1	1			9		34	1	1	SS		9	

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
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Sudden Oak Death Data -- Plot 8-1

SOD 2001 Data Sheets								SOD 2002 Data Sheets							SOD 2003 Data Sheets							
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
786	1	10	2	2	SS			10	2	3			9		10	2	3	SS,BT		9	
787	1	10	2	2	SS			10	2	3			9		10	2	3	SS		9	
788	1	22	1	1	CB			22	1	1			9		22	1	1			9	
789	1	16	1	2	CB			16	2	2			9		16	2	2	SS		9	
790	1	14	1	2	SS			14	1	2			9		14	1	2	SS		9	
791	1	12	2	2				12	2	2			9		12	2	2	SS		9	
792	1	14	3	4	SS			14	3	3			9		14	2	3	SS		9	BENDING
793	1	14	2	2	SS			14	2	2			9		14	2	2	SS		9	
794	1	14	2	2				14	2	3			9		14	2	2	SS		9	
795	1	14	3	2	SS			14	3	2			9		14	3	3	SS		9	
796	2	18	2	2				18	2	2			9		18	2	3	SS		9	
797	2	18	2	2				18	1	1			9		18	2	2	SS		9	
798	2	24	1	2	CB			24	1	2			9		24	1	2	SS		9	
799	2	16	1	2	CB			16	1	2			9		16	1	2	BI		9	
800	2	12	2	2	SS			12	2	2			9		12	2	3	SS		9	
901	2	14	2	2				14	2	2			9		14	2	2	SS		9	
902	2	12	3	4	SS			12	2	3			9		12	3	4	SS		9	
903	2	16	2	2	SS			16	2	2			9		16	2	2	BI,SS		9	DEAD LOWER LIMB
904	2	14	2	2	CB			14	2	2			9		14	2	2	CB		9	
905	2	10	2	2	SS			10	2	3	SS		9		10	2	2	SS		9	
906	2	14	2	3				14	2	3			9		14	2	3			9	
907	2	20	2	2				20	1	2			9		20	1	2	CB,BI		9	
908	3	10	2	4	SS			10	2	3			9		10	2	3	SS		9	
909	3	8	2	4	SS			8	2	3			9		8	3	3	SS		9	
910	3	10	2	4	SS			10	2	3			9		10	2	3	SS		9	
911	3	16	1	1				16	1	1			9		16	1	1			9	
912	3	12	2	2	SS			12	2	3			9		12	2	2	SS		9	
913	3	16	2	3	SS			16	2	3	SS		9		16	2	2	SS		9	
914	3	14	3	4	SS			14	2	2			9		14	2	2	SS		9	
915	3	12	1	2	SS			12	1	2			9		12	1	2			9	
916	3	12	2	2				12	2	3			9		12	2	3	SS,SB		9	
917	3	32	1	2	SS			32	2	2			9		32	2	2	SS,CB,BI		9	
918	3	12	3	2	CB			12	2	3			9		12	3	4	SS		9	
919	3	1	1	2				14	1	2			9		14	1	1			9	
920	4	18	1	2				18	2	2			9		18	2	2	SS		9	LOWER BRANCH DECAY
921	4	22	1	2				22	1	2			9		22	2	2	CB,SS		9	BROKEN SIDE BRANCH
922	4	16	1	1	CB			16	1	1			9		16	1	1			9	
923	4	18	1	1				18	1	1			9		18	1	1	BI		9	
924	4	18	1	2				18	1	2			9		18	1	2	BI		9	
925	4	14	2	2	SS			14	2	2	SS		9		14	2	2	SS,CB		9	
926	4	10	3	2	SS			10	3	3			9		10	3	3	SS		9	
927	4	14	2	2				14	2	2			9		14	2	2	SS		9	
928	4	12	3	4				12	3	3			9		12	3	3	SS		9	
929	4	12	2	2	SS			12	2	3	SS		9		12	2	2	SS,CB		9	

No	Code	Damage Type
1	DT	Dead Top
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7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
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10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
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Sudden Oak Death Data -- Plot 8-2

SOD 2001 Data Sheets								SOD 2002 Data Sheets							SOD 2002 Data Sheets						
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
753	2	12	1	2	SS,CB			12	1	2			9		12	1	2	SS		9	
754	2	16	1	2	SS			16	2	2	SS		9		16	2	2	SS		9	
755	2	16	2	2	SS			16	2	2	BT		9		16	2	2	BT,SS		9	
756	2	12	3	4	BT,SS			12	2	3			9		12	2	3	SS		9	BROKEN SIDE BRANCH
757	2	22	2	1	SS,YD			22	2	1	SS,YD		9		22	2	1	SS,YD,CB		9	TRUNK WOUND
758	2	14	2	2	CB,SS			14	2	2			9		14	2	2	SS		9	
759	2	24	2	2	SS			24	2	2			9		24	2	2	SS		9	
760	2	22	1	1				22	1	1			9		22	1	1	BI		9	TRUNK WOUNDS BY CONST.
761	2	14	3	4	SS			12	3	4	SS		9		12	3	4	SS		9	SCARRED BY CONST.,2 LEAD BRANCHES GONE,ALMOST DEAD,1 STEM SPROUT,OOZE
762	3	4	1	3				4	1	3			9		4	1	3			9	REMOVED BY CONST.,DEAD
763	3	20	1	2				20	1	1			9		20	1	1	CB		9	
764	3	22	1	2				22	1	2			9		22	1	2			9	
765	3	4	3	4	SS			4	3	4	SS		9		4	3	4	SS,CB		12	HOLLYLEAF REDBERRY
766	3	12	1	2	SS,CB			12	2	3			9		12	2	3			9	
767	3	2	3	4	SS			2	3	4			9		2	3	4	SS		9	
768	3	2	3	4	SS		SCRUB OAK	2	3	4			???	SCRUB OAK	2	3	4	BI		12	HOLLYLEAF REDBERRY
769	3	2	3	4			SCRUB OAK	2	3	4			???	SCRUB OAK	2	3	4			12	HOLLYLEAF REDBERRY
770	3	2	3	4			SCRUB OAK	2	3	4			???	SCRUB OAK	2	3	4			12	HOLLYLEAF REDBERRY
771	3	16	1	2	SS			16	1	2			9		16	1	1	SS		9	BROKEN SIDE BRANCH
772	4	4	3	4	SS,CB			4	2	4			9		4	2	3	SS		9	
773	4	32	2	1	CB			32	2	1	BI		9		32	2	1	BI		9	
774	4	16	1	2				16	2	2			9		16	2	1			9	
775	4	10	2	2	BT			10	2	2	BT		9		10	2	2	BT,SS		9	
776	4	14	2	2	CB			14	2	2			9		14	2	1			9	
777	4	22	2	2	SS,CB			22	2	2			9		22	1	1	SS		9	
778	1	14	1	2	SS			14	2	3	SS		9		14	2	2	SS,SB		9	
779	1	14	2	3	SS			14	2	3			9		14	2	3			9	
780	1	10	2	3				10	2	3			9		10	3	3	BI		9	
781	1	17	1	2				18	1	1			9		18	1	1			9	
782	1	20	1	1				20	1	1			9		20	1	1	SS		9	
783	1	18	1	1	SS			18	1	1			9		18	1	1			9	
784	1	22	1	2	BI			22	1	2	BI		9		22	1	2	BI		9	DEAD SIDE LIMB

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 8-3

SOD 2001 Data Sheets								SOD 2002 Data Sheets							SOD 2003 Data Sheets						
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
931	1	2	3	4				2	3	4	BI		9		2	3	4	BI		9	
932	1	4	3	4				4	3	4	BI		9		4	3	4	BI		9	
933	1	8	3	4	BT w/ new leader			8	3	4	BT w/ new leader		9		8	3	4	BT w/ new leader		9	
934	1	14	1	2	CB			14	1	2			9		14	1	2			9	
935	1	18	1	2	CB			18	1	1			9		18	1	1			9	
936	1	20	1	2	CB			20	1	2			9		20	1	2	CB		9	
937	1	18	1	2	CB			18	1	2			9		18	1	2			9	
938	1	10	3	3	SS			10	2	3			9		10	3	3	SS		9	
939	1	28	1	1	CB			28	1	1			9	large brocken limb	28	1	1			9	large brocken limb
940	1	2	3	4				2	3	4			9		2	3	4	BI		9	
941	1	4	3	4				4	2	4			9		4	3	4			9	
942	1	38	2	3				8	2	3	SS		9		8	2	3	SS		9	
943	1	12	2	2	SS			12	1	3			9		12	2	3			9	
944	1	14	2	2	CB			14	2	2			9		14	2	2	CB		9	
945	1	8	3	4	SS			8	3	4	SS		9		8	3	4	SS		9	
946	1	14	1	2				14	2	2			9		14	1	2			9	
947	1	12	1	2				12	1	2			9		12	1	2			9	
948	1	10	3	4	BT,SS			10	3	4	BT,SS		9		10	3	4	BT,SS		9	NEAR DEATH
949	1	14	1	2				14	1	2			9		14	1	2			9	
950	1	16	2	2				16	1	2			9		16	1	2			9	
951	1	10	3	4	BT,SS			10	3	4	BT,SS		9	ALMOST DEAD	10	3	4	BT,SS		9	ALMOST DEAD
952	4	16	2	2	CB			16	2	2			9		16	1	2	CB		9	
953	4	14	1	2	CB			18	1	2			9		18	1	1			9	
954	4	10	1	2				10	1	2			9		10	2	2	SS		9	BROKEN SIDE LIMB
955	4	4	3	4			VALLEY OAK	4	3	4			???	VALLEY OAK	4	3	4			1	VALLEY OAK
956	4	12	2	4	SS			12	3	3	SS,DT		9		12	3	3	SS,DT,CB		9	
957	4	8	3	4	SS			8	3	4	SS		9		8	3	4	SS,CB		9	TRUNK INJURY
958	4	6	3	4	SS,BT			6	3	4	BT,DT		9	ALMOST DEAD	6	3	4	BT,DT,SS,CB		9	ALMOST DEAD
959	4	14	1	3	BI			14	2	3	BI		9		14	2	3	BI,SS		9	
960	4	8	3	4	SS			8	3	4	SS		9		8	3	4	SS		9	DEAD SIDE LIMB
961	4	12	1	2	SS			12	1	2			9		12	2	2	SS		9	
962	4	6	2	4				6	2	4			9		6	3	4			9	NEARLY DEAD
963	4	6	3	4	SS			6	3	4	SS		9		6	3	3	SS		9	NEAR DEATH
964	4	22	1	1				22	1	1			9		22	1	1			9	
965	4	16	1	1				16	1	2			9		16	2	2			9	
966	4	20	1	1	CB			20	1	1			9		20	1	1	CB		9	
967	3	18	1	2				18	1	1			9		18	1	1			9	
968	3	18	1	1				18	1	2			9		18	1	1			9	
969	3	8	2	3				8	3	4			9		8	3	4			9	
970	3	12	1	2	SS			12	2	3			9		12	1	2			9	
971	3	16	1	2				16	2	2	SS		9		16	2	3	SS,CB		9	
972	3	6	2	2				8	2	3			9		8	2	3			9	
973	3	8	2	2				8	2	3			9		8	2	3			9	DEAD SIDE LIMB
974	2	18	1	2	CB			18	1	2			9		18	1	2	SS		9	BASAL CAVITY @ JOINING OF 974 & 975
975	2	22	1	2	CB			22	1	2			9		22	1	1			9	
976	2	20	1	2	SS,CB			20	1	2			9		20	1	2	SS		9	
977	2	16	1	2				16	1	2			9		16	2	1			9	
978	2	6	3	4				6	3	4	BT		9		6	3	4			9	DEAD SIDE LIMB
979	2	12	1	1				12	1	2			9		12	2	1			9	
980	2	10	2	4				10	1	3			9		10	2	3	CB		9	
981	2	26	3	3	SS			26	2	3	YD		9		26	2	3	YD,BI		9	BASAL CAVITY,DEAD SIDE LIMB
982	2	14	1	2	SS			14	2	3	YD		9		14	2	2	YD,BI		9	BASAL CAVITY

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 9-1

SOD 2001 Data Sheets								SOD 2002 Data Sheets							SOD 2003 Data Sheets							
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
114	4	4	1	4				4	1	3			9		4	1	3	SB		9	
115	4	4	1	4				4	1	3			9		4	1	3			9	
116	4	2	1	4				2	1	3	SB		9		2	1	3	SB		9	
117	4	14	1	2	SS,CB			14	2	2			9		14	2	2	SS,BT		9	
118	4	26	2	2	YD,BS,SS			26	2	2	YD,SB		9		26	2	2	YD,SB,BI,SS,CB,Y		9	
119	4	20	2	2				20	1	2			9		20	2	2	SS,Y		9	BROKEN LIMB
120	4	16	2	1	SS,SB,CB			16	2	2			9		16	2	2	SS		9	
121	4	10	3	3	SS,SB,Y			10	2	2	SB,Y		9		10	2	1	SB,Y,SS,BI,YD		9	
122	4	1	2	2	YD,SB,CB			20	3	2	YD,SB		9		20	2	2	YD,SB,BI,SS		9	
123	4	14	2	2	SB,SS,CB			14	3	2	SB		9		14	2	2	SB,SS,Y,CB		9	
124	4	34	1	2	CB			34	1	2			9		34	1	2	CB		9	
125	4	8	3	2	Y			8	3	4			9		8	3	4			9	
126	3	8	3	3				8	3	4			9		8	3	3			9	
127	4	8	3	4				8	3	4			9		8	3	4	BT,DT		9	
128	4	6	3	4	SS,BT			6	3	4	SS,BT		9		6	3	4	SS,CB,YD		9	TRUNK INJURY
129	4	8	3	4	YD			8	3	4	YD		9		8	3	4	YD,BI,CB		9	DEAD LOWER LIMB
130	4	8	3	2	SS,CB			8	3	3	Y,BI		9		8	3	3	Y,BI,YD,SS,CB		9	
131	3	10	2	2	Y,SB,CB			10	3	3	Y,SB,BI		9		10	2	3	YD,CB,SB,BI		9	
132	3	16	1	2	CB			16	1	3			9		16	1	3	CB		9	
133	3	14	1	2	CB			14	1	3			9		14	1	2	CB		9	
134	3	16	2	2	CB			16	2	2			9		16	1	2	CB		9	
135	3	16	2	2	BS		5th ac. PLOT CORNER	16	2	3	SB, frm stump		9	5th ac. PLOT CORNER	16	2	2	SB, frm stump,SIDE SS		9	5th ac. PLOT CORNER
136	3	8	3	2	YD,BI			8	2	3	YD		9		8	3	2	YD,BI,CB		9	
137	3	8	3	2	YD,BI,SB,CB			8	3	3	BI,SB,Y,CB		9		8	3	3	BI,SB,Y,CB,YD		9	
138	3	14	2	3	Y,CB			14	2	2			9		14	2	2			9	OOZE FROM UPPER LIMB
139	3	14	1	2	CB			14	2	3			9		14	2	2	SS,Y,CB,BI,YD		9	
140	3	24	1	2	CB			32	1	2			9	was #140, retagged	32	2	2	CB,SS		9	was #140, retagged as 152,it is oozing from 2 wounds to the limbs, 6 ft up and 10 ft up
141	3	24	3	2	SS			24	2	3			9		24	3	3	SS,CB,BI,YD		9	
142	3	10	3	4	CB			10	2	3			9		10	3	3			9	
143	3	34	2	1	CB			34	1	1			9		34	1	1			9	
144	3	30	3	4	BT,SS			30	3	3	BT,SS		9		30	3	4	BT,SS		9	
145	2	36	3	4	BT,SS			36	1	2			9		36	1	1	CB,SS,BT,Y		9	
146	2	36	2	1	CB,SS			36	2	3	SB,frm stump		9		36	2	3	SS,frm stump,BT,		9	
148	1	28	1	2																	
149	1	26	2	1	SS,YD																
151	1	28	2	2	SB,CB																
153	1	18	2	2	BS,SS,CB																
984	3	20	2	2	SS,SB			20	2	2	SB		9		20	2	2	SB,SS,CB,BI		9	
985	3	10	3	2	SS			10	2	3			9		10	3	3	SS,CB,YD		9	ROTTING LOWER SIDE LIMBS
986	3	12	2	3	SS,CB			12	2	3			9		12	2	3	CB,SS,Y		9	
987	3	10	3	4	BS,SS			10	3	3	SB		9		10	3	3	SB,SS,Y		9	
988	3	10	3	4	Y,BI,SS			10	3	4	Y,BI,SS		9		10	3	4	Y,BI,SS,YD		9	
989	3	20	2	2	SS			20	2	2			9		20	2	2	CB		9	
990	3	20	2	2	SB,SS			20	2	2	SB		9		20	1	2	SB,CB,SS		9	
991	3	26	1	2				26	1	2			9		26	1	2	CB,SS		9	
992	3	12	2	3	SS			12	3	4			9		12	3	4			9	
993	3	42	1	2				42	1	1			9		42	1	1	SS		9	
994	3	50	1	2				50	2	1			9		50	2	1			9	LARGE LOWER LIMB BROKEN
995	3	36	1	3				36	2	3	BT,new leader		9		36	2	3	BT,new leader,CB		9	

Tree #s 148, 149,151 & 153 were originaly in this plot but moved to 9-2 in 2002 to adjust for overlap that was missed in 2001.

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

MOVED PLOT CENTER
34.2' DUE SOUTH

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 9-2

SOD 2001 Data Sheets								SOD 2002 Data Sheets								SOD 2003 Data Sheets							
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks		Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks	
191	3	40	1	2	BI,YD			46	1	2	BI,YD		9			46	2	2	BI,YD,CB,Y		9	LARGE BASAL CAVITY	
192	2	22	2	2	CB,SB,SS,BI			22	2	2	SB		9			22	2	2	SB,SS,BI,YD		9		
193	2	32	2	2	BI,SB			30	1	2	BI,SB		9			30	1	2	BI,SB,YD,Y,SS		9		
194	2	16	1	2	SS			16	1	2			9			16	1	2	SS		9		
195	2	16	2	2	BI			16	2	2	BI		9			16	2	2	BI,CB		9	LOWER LIMB BROKEN,STEM DECAY	
196	2	16	3	2	BI			16	3	3	BI,YD		9			16	3	3	BI,YD,BT,NEW LEADER,CB		9		
197	2	2	2	2	BI			26	1	2	BI		9			26	1	2	BI,SS,CB,Y		9		
198	2	20	1	1				20	1	2			9			20	1	2			9		
199	2	24	2	2	SS			24	3	2	BI		9			24	3	2	BI,CB,Y,YD		9	LEANING	
200	2	38	1	2	BI,Y			40	1	1	BI,Y		9			40	1	1	BI,Y,YD,CB,SB		9	BEE'S IN BASAL CAVITY	
301	1	10	3	3	SS			10	3	3			9			10	3	3	SS		9	TRUNK CAVITY,7 FT UP	
302	1	20	2	2				20	1	2			9			20	1	2	CB,Y		9		
303	1	16	2	2				16	3	3			9			16	2	2			9		
304	1	18	2	2	SS			18	2	2			9			18	2	2			9		
305	1	62	2	2	BI,YD			62	2	2	BI,YD,SB		9			62	2	2	BI,YD,SB		9	FIRE BASAL CAVITY, 7 FT UP	
306	4	22	2	2	BI,Y,SS			24	1	2	BI,Y		9			24	1	2	BI,Y,CB		9		
307	4	20	2	2				20	2	2	D		9			20	2	2	D,CB,Y		9		
308	4	12	3	3	CB,SS			12	3	4	CB		9			12	3	3	CB,Y,YD		9	TRUNK INJURY	
309	4	16	2	2	BI			16	2	2	BI		9			16	2	2	BI,CB,Y,YD		9		
310	4	20	2	2				20	2	2	BI		9			20	2	2	BI,CB,Y,YD		9		
								26	1	2			9	mislabled as 9-1in 2001		26	2	2	SS,BI,CB		9	mislabled as 9-1in 2001	
								26	2	1			9	mislabled as 9-1in 2001		26	2	2	SS,BI		9	mislabled as 9-1in 2001	
								28	2	2	BI		9	mislabled as 9-1in 2001		28	2	2	SS,BI,YD,Y		9	mislabled as 9-1in 2001	
								18	2	2			9	mislabled as 9-1in 2001		18	2	2	SS,SB,YD		9	mislabled as 9-1in 2001	
								36	2	2	BI,Y		9	was in 9-3		36	2	2	BI,Y,SS,YD		9	was in 9-3,LARGE BASAL CAVITY	
								28	2	2	BI		9	added in 2002		28	2	2	BI,YD,SS		9	added in 2002	

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

Plot overlap of 9-2 & 9-3 was overlooked in 2001. The adjustment was made in 2002 by moving plot 9-3 34.2' North. Trees in quadrant 3 of plot 9-3 were removed from the data, however some of the same tags were used to tag new trees in quadrants 1,2 & 4 of 9-3.

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2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 9-3

SOD 2001 Data Sheets								SOD 2002 Data Sheets							SOD 2003 Data Sheets						
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
154	3	20	2	2	Y,BI			14	2	2	Y,BI,SB		9		14	2	2	Y,BI,SB,YD,CB,SS		9	
155	3	16	2	2				6	1	3			9		6	1	3	SS,CB		9	
156	3	12	2	2				2	1	3			9		2	2	3	SS		9	
157	3	18	2	2				4	1	3			9		4	2	3	SS,CB		9	
158	3	12	2	2	SS			4	1	3			9		4	2	3	SS,CB		9	
159	3	14	2	2	SS			2	2	3			9		2	2	3			9	
160	3	22	1	2	SS			14	2	2	Y		9		14	2	2	Y,BI,SS,YD,CB		9	
161	3	12	3	2	BI,Y,BT			4	1	3			9		4	2	3	SS		9	
162	3	42	2	2	BI,YD																
163	3	22	1	2	CB										4	2	3	CB,SS		9	
164	3	12	3	2	BI,BT,YD,SS			2	1	3			9		2	1	2	SS		9	
165	3	10	2	2	BI,Y			4	1	3			9		4	1	3			9	
								12	2	4	Y,BI,SB		9		12	3	3	Y,BI,SB,SS,YD		9	
166	3	24	1	2	SS			4	1	3			9		4	1	2	SS		9	
167	4	18	2	2	YD,SS,BI			12	2	3			9		12	2	2	BI,SS,Y		9	
168	4	34	2	2	SS			34	2	3	BI,Y		9		34	2	2	BI,Y,YD		9	LARGE BASAL CAVITY FROM FIRE, LOWER LIMB BROKEN/DEAD
169	4	12	2	2				12	2	3			9		12	3	3	CB,Y,YD		9	
170	4	14	2	2	SS			14	2	2			9		14	2	3	CB,Y,SS,BI		9	
171	4	18	2	2	SS			18	2	2			9		18	2	2	CB,Y,BI,YD		9	
172	4	30	2	2				30	2	2			9		30	2	2	CB,YD		9	OOZE FROM WOUND
173	4	14	2	2	SS			14	2	2	Y		9		14	2	2	Y,CB,YD,BI		9	
174	4	0	2	2				16	2	2			9		16	2	2	CB		9	
175	4	22	2	2	SS,Y			22	1	2	Y		9		22	1	2	Y,CB		9	
176	1	16	2	2	BT,SS			16	2	3	BI		9		16	2	2	BI,Y,SS		9	
177	1	20	2	2	Y			20	3	3	YD,BI		9		20	3	3	YD,BI,SS,Y		9	LARGE BASAL INJURY
178	1	16	1	2				16	1	2	Y,BI		9		16	2	2	Y,BI,YD		9	
179	1	12	2	2				12	2	3	BI		9		12	2	3	BI,YD,Y,CB		9	
180	1	18	1	2	SS			18	1	1			9		18	1	1	YD,BI,Y		9	
181	1	14	2	2	SS			18	2	2			9		13	1	2	SS		9	
182	1	16	2	2				16	1	2			9		16	1	2	Y,SS,CB		9	OOZE FROM WOUND
183	1	14	1	2	Y,BI,SS			14	2	2	Y		9		14	2	2	Y,SS		9	
184	1	12	3	4	BI,Y,SS,BS			12	3	4	BI,Y		9		12	3	4	BI,Y,YD,SS		9	
185	1	8	3	4	BI,Y,SS,SB			8	3	4	BI,Y,SB		9		8	3	4	BI,Y,SB,SS,YD		9	
186	1	8	3	4	SS,BS,BT,BI			8	3	4	SS,SB,BT,BI,DT		9		8	3	4	SS,SB,BT,BI,DT,Y		9	
187	2	20	1	2	SS			20	1	2			9		20	1	2	Y,CB		9	
188	2	22	1	1				22	1	1			9		22	1	1	SS		9	
189	2	20	2	2	SS																
190	2	10	3	4	SS																
202								12	2	1	BI		9		12	2	1	BI,Y,SS,SB		9	
203								6	1	3			9		6	1	3			9	
204								4	1	3			9		4	2	3	SS		9	
205								4	2	4			9		4	2	3			9	
206								4	1	3			9		4	1	3			9	
207								4	1	3			9		4	2	3			9	
208								26	2	1	Y,SB		9		26	2	2	Y,SB,SS,CB,BI		9	
209								28	1	1	Y		9		28	1	2	Y,CB		9	
210								30	1	2	Y		9	bee hive	30	1	2	Y,SS		9	bee hive
211								4	3	4	BI		9		4	3	4	BI,DT		9	
212								16	1	2			9		16	2	2	Y		9	
213								20	1	2			9		20	1	2	Y,CB		9	
214								18	1	2			9		18	2	2	SS,CB,Y		9	
215								22	1	2			9		22	1	2	CB,SS		9	

Blank lines in 2002 and 2003 reflect the mess described in the note below. This was done to line up tree numbers across the years. This needs to be rechecked in the field next inventory.

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

Plot overlap of 9-2 & 9-3 was overlooked in 2001. The adjustment was made in 2002 by moving plot 9-3 34.2' North. Trees in quadrant 3 of plot 9-3 were removed from the data, however some of the same tags were used to tag new trees in quadrants 1,2 & 4 of 9-3.

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 10-1

SOD 2001 Data								SOD 2002 Data							SOD 2003 Data						
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
714	1	12	2	2	SS			12	2	3			9		12	2	3	SS		9	
715	1	12	3	2	SS			10	2	3			9		10	2	3	SS		9	
716	1	10	3	4	SS			8	2	3			9		8	2	4	SS		9	
717	1	10	2	2	SS,SB			10	2	3			9		10	2	3	SS		9	
718	1	10	2	2	SS,SB,BI,Y			10	2	3	BI		9		10	2	3	BI,SS		9	
719	1	10	3	4	BT,Y			10	3	3	BT		9		10	3	3	BT		9	OOZE FROM WOUND
720	1	10	3	2	Y,SS			8	3	3	DT		9		8	3	3	BT,YD		9	
721	1	10	3	2	CB,SS			10	2	3			9		10	2	2			9	
722	1	12	3	2	Y,SS			12	2	3	BI		9		12	2	2	BI,SS		9	
723	1	14	2	2	Y,CB,SS			14	2	1			9		14	2	1	Y		9	
724	1	18	1	1	CB			20	1	1			9		20	1	1			9	
725	1	10	3	4	SS			10	3	4			9		10	3	4			9	
726	1	10	3	2	SS		LEANING	10	2	3			9	LEANING	10	2	3			9	LEANING
727	1	10	3	4	SS			8	2	4			9		8	2	3			9	
728	1	4	3	4	SS,BT			4	3	4	BT		9		4	3	4	BT,SS,DT		9	
729	4	12	1	2	CB			12	2	3			9		12	2	3			9	
730	4	14	2	2	SS,SB,CB,BI			14	2	2			9		14	2	2	SS,SB		9	
731	4	20	1	1	CB,SS			20	1	2			9		20	1	2			9	
732	4	12	2	2	CB,SS			12	2	2	BI		9		12	2	2	BI,SB		9	
733	4	26	1	1				24	1	2			9		24	2	2	BI		9	
734	4	14	2	2	SS,CB,SB		NW CORNER TREE	14	2	2			9	NW CORNER TREE	14	2	2	SS,SB		9	NW CORNER TREE
735	4	26	1	1	SS			22	2	3			9		22	2	2			9	
736	4	20	3	4	SS,BI		LARGE BI	22	2	1	BI		9	LARGE BI	22	2	2	BI,SS		9	LARGE BI
737	3	14	2	2	Y,SS			12	2	3			9		12	1	2	SS		9	
738	3	22	1	1	Y,SS			20	2	2			9		20	1	2	SS		9	
739	3	34	1	2	SS		SE CORNER	20	2	1			9	SE CORNER	20	2	2	SS		9	SE CORNER
740	3	14	3	2	Y,SS			12	2	2			9		12	2	2	SS		9	
741	2	16	2	2	CB			14	2	2			9		14	2	2	Y		9	
742	2	14	2	2				12	2	2			9		12	2	2			9	
743	2	12	3	4	SS			12	2	3			9		12	2	3			9	
744	2	10	3	4	BT,SS		NEAR DEATH	8	3	4	BT		9	NEAR DEATH	8	3	4	BT,SS		9	NEAR DEATH
745	2	12	3	4	Y,SS			10	2	3			9		10	2	3	Y		9	
746	2	26	1	1	CB			18	2	1			9		22	2	1			9	
747	2	16	3	2				14	2	2			9		14	3	3			9	
748	2	12	3	2	SS			12	2	3			9		12	2	2			9	
749	2	6	3	3	SS			8	2	4			9		8	3	4	SS		9	
750	2	16	2	2	SS			14	3	3			9		14	2	2	Y		9	
751	2	12	3	2	SS,BI			10	2	3			9		10	2	3	BI		9	
752	2	20	1	1				18	1	2			9		18	2	2	BI		9	

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

SOD PLOT CENTER MOVED 15 FEET EAST OF 10-1PLOT CENTER TO AVOID OVERLAP OF SOD PLOTS

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 10-2

SOD 2001 Data								SOD 2002 Data							SOD 2003 Data						
Tree No.	Quadrant	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
607	1	12	1	2	SS,CB			10	2	3			9		10	2	2	SS		9	
608	1	14	1	2	SS,CB			12	2	4			9		12	2	3	SS		9	
609	1	18	1	2	BI			16	1	2	BI		9		16	2	1	BI (HEALED)		9	
610	1	10	1	2	SS,CB			10	2	2			9		10	2	2	SS		9	
611	1	18	1	2	SS,CB			18	1	2			9		18	1	2			9	
612	1	10	2	2	SS			10	3	4			9		10	3	3			9	
613	1	12	1	2	SS,CB			10	2	4			9		10	3	3			9	
614	1	12	1	2				12	2	3			9		12	2	2			9	
615	1	4	3	4	SS,CB			14	3	4	DT		9		4	3	4	DT,SS,SB		9	
616	1	12	2	3	SS			12	2	3			9		12	2	3			9	
617	1	16	1	2	SS,CB			14	2	2			9		14	2	2			9	
618	1	14	2	2	SS,CB			14	3	2	D		9		14	3	2	D		9	
619	1	18	2	2	SS,CB			16	3	3			9		16	3	3	SS		9	
620	1	14	2	2	SS			12	2	3			9		12	2	2	BI		9	
621	1	12	2	2				10	2	3			9		10	2	2			9	
622	1	12	2	2	CB			10	2	3			9		10	2	2			9	
623	1	16	2	2	SS,BI			16	3	4	BI		9		16	3	3	BI		9	
624	1	18	1	2	SS,BI			18	2	2	BI		9		18	2	2	BI		9	
625	1	28	1	2	SS,CB			28	2	2			9		28	2	2	BI		9	
626	2	44	1	2	SS			32	2	3			9		32	2	2	BI		9	
627	2	16	1	2	SS,CB			16	2	3			9		16	2	2	SB		9	
628	2	10	3	4	SS			10	3	4			9		10	2	4	SS		9	
629	2	8	2	2	SS			10	3	4			9		10	3	3			9	
630	2	14	2	2	SS,CB			12	2	3			9		12	2	3	SS		9	
631	2	6	3	4	SS			6	3	4			9		6	3	4			9	
632	2	6	3	4	SS			6	3	4	BI		9		6	3	4	BI		9	
633	2	10	2	4	SS			8	3	4	DT		9		8	3	4	DT		9	
634	2	4	3	4	SS,BT			4	3	4	D,DT		9		4	3	4	D,DT,SS,BT		9	
635	2	6	3	4	SS,BT			6	3	4	BT		9		6	3	4	BT,SS		9	
636	2	20	1	2	CB			18	2	3			9		18	2	2			9	
637	2	12	2	2	CB,SS			12	2	2			9		12	2	2			9	
638	2	12	2	2	CB			10	3	3			9		10	2	3			9	
639	2	6	3	4	SS			6	3	4	D		9		6	3	4	D,SS		9	
640	2	12	1	2	CB			12	3	3			9		12	3	3			9	
641	2	4	3	4	SS			6	3	4	D		9		6	3	4	D		9	
642	3	16	1	2	SS			16	2	3			9		16	2	2	BI		9	
643	3	12	2	2				10	3	3			9		10	3	3			9	
644	3	10	2	4	SS			8	3	4			9		8	3	4			9	
645	3	6	3	4	SS			6	3	4			9		6	3	3			9	
646	3	8	2	2	CB			10	2	2			9		10	2	2			9	
647	3	12	2	2				10	2	2			9		10	2	2			9	
648	3	10	2	2	SS,CB			10	2	3			9		10	3	3			9	
649	3	14	2	2	CB			12	2	1			9		12	2	1			9	
650	3	12	2	2	CB,SS			12	2	2			9		12	2	1			9	
651	3	8	3	4	CB,SS			8	3	3			9		8	3	3			9	
652	3	10	2	2	CB,SS			8	3	3			9		8	3	3	Y		9	
653	3	14	2	3	SS			12	3	4			9		12	3	3			9	
654	3	14	3	2	SS			14	2	2			9		14	2	2	SS		9	
655	3	14	2	2	CB,SS			12	2	3			9		12	2	2	SS		9	
656	4	20	2	2				18	3	2			9		18	2	2			9	
657	4	6	3	4				6	2	4	BI		9		6	3	4	BI		9	
658	4	16	2	2	CB		SW CORNER	14	2	3			9	SW CORNER	14	2	3			9	SW CORNER
659	4	14	2	2	CB,SS			14	2	2			9		14	2	2	CB		9	
660	3	16	1	2	CB			16	2	3			9		16	2	2			9	
661	4	10	2	2	SS			10	2	3			9		10	2	2			9	
662	4	10	2	2				10	2	2	BI		9		10	2	2	BI,SS		9	
663	4	18	1	2	CB			18	2	2			9	dead limb	18	2	2			9	dead limb
664	4	18	1	2	SS			18	2	2			9		18	1	2			9	
665	4	14	3	2	SS			14	3	3	BI		9	upper bowl damage	14	3	3	Y,CB		9	
666	4	10	3	2	SS			8	3	4	BI,BT/new leader		9		8	3	3	BI,BT/new leader		9	
667	4	10	3	2	SS,BT/NEW LEADER			10	3	3	BT/new leader		9		10	3	2	BI,Y,BT/new leader		9	
668	4	16	1	2	CB			14	1	1			9		14	1	1			9	
669	4	14	2	2	CB,SS			12	2	3			9		12	2	3			9	

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Sudden Oak Death Data -- Plot 10-3

SOD 2001 Data Sheets								SOD 2002 Data Sheets							SOD 2003 Data Sheets							
Tree No.	Quad	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	Possible SOD	Species Code	Remarks	Dbh	Vigor Code	Crown Class	Disease/Damage Code	SOD CODE*	Species Code	Remarks
670	1	16	2	2	SS			16	2	2			9		16	2	2	Y		9	
671	1	10	3	4	BT,SS,D,BI			10	3	4	BT,BI		9		10	3	4	BT,BI,SS		9	
672	1	18	2	2	YD,CB,SS			18	2	3	BI		9		18	2	3	BI		9	
673	1	14	3	2	SS			14	2	2			9		14	2	3			9	
674	1	14	2	2	CB			14	2	2			9		14	2	2			9	
675	1	12	2	2	SS			12	2	2			9		12	2	2	SS		9	
676	1	12	2	3	CB			12	2	3			9		12	2	3			9	
677	1	12	2	2	CB			12	2	2			9		12	2	2			9	
678	1	14	2	2	SS			14	2	2			9		14	2	2			9	
679	4	14	2	2	SS			14	2	3			9		14	2	3			9	BROKEN SIDE LIMB
680	1	12	2	2	CB,SS			12	2	2			9		12	2	2			9	
681	1	12	3	4	SS			12	2	3			9		12	3	3	Y		9	
682	1	16	2	2	SS			14	2	2			9		14	2	2	SS		9	
683	1	16	2	2	SS			14	2	2			9		14	2	2			9	
684	1	8	3	4	SS,CB		LEANING	6	2	4			9	LEANING	6	3	4			9	LEANING
685	1	10	2	2	SS,CB		LEANING WITH LARGE SS	10	3	4	SS		9	LEANING WITH LARGE SS	10	2	2	SS		9	LEANING WITH LARGE SS
686	1	10	2	2	CB,SS			10	3	3			9		10	2	2	SS		9	
687	1	30	2	2	SS			20	2	2			9		20	2	2			9	
688	1	16	2	2	YD,SS,BI,D			14	3	2	BI		9		14	2	2	BI,CB		9	
689	4	22	3	2	Y,SS			18	2	2			9		18	2	2	SS		9	
690	4	12	3	2	D,YD,BI,SS			12	3	2			9		12	2	2	Y		9	
691	4	8	3	4	BT,SS		LEANING	6	3	4	BT		9		6	3	3	BT,SS		9	STEM ROT
692	4	6	3	4	SS,YD			4	3	3	BI		9		4	3	3	BI		9	
693	4	12	3	4	CB			10	2	3			9		10	3	3			9	
694	4	14	1	2	CB			14	2	2			9		14	2	2			9	
695	4	10	2	2	SS			10	2	3			9		10	2	3	SS		9	
696	4	18	1	2	CB			20	1	1			9		20	1	1			9	
697	4	16	2	2	CB,SS			16	2	2			9		16	2	2			9	
698	4	16	2	2	SS			14	2	1			9		14	2	2			9	
699	2	22	1	1	SS,CB			22	1	2			9		22	1	1			9	
700	2	14	2	2	CB,SS			14	2	2			9		14	2	2			9	
701	2	14	2	2	SS			14	2	2			9		14	2	2			9	
702	2	12	2	2	SS			12	2	2			9		12	2	2	SS		9	
703	2	10	2	2	SS,CB			10	2	3			9		10	2	2			9	
704	2	14	3	2	CB,SS			14	3	2			9		14	2	2			9	
705	2	14	1	2	CB			12	1	1			9		12	2	1			9	
706	2	22	1	1	SS,CB			22	2	1			9		22	2	1	SS		9	
707	2	16	3	4	SS			14	2	2			9		14	2	2	SS		9	
708	2	10	3	4	SS		ALMOST DEAD	16	3	4	BT		9	ALMOST DEAD	16	3	4	BT,BI		9	ALMOST DEAD
709	2	26	1	1	SS,CB		FORKED AT 7'	22	2	2			9	FORKED AT 7'	22	2	3			9	FORKED AT 7'
710	2	16	1	1	CB			16	1	2			9		16	1	2			9	
711	2	12	3	4	SS,CB			12	2	3			9		12	2	2	SS		9	
712	2	10	3	4	SS			10	2	3			9		10	2	2	SS		9	
713	2	12	1	2	SS			12	2	2			9		12	2	2	SS		9	

No	Code	Damage Type
1	DT	Dead Top
2	S	Snow Damage
3	BT	Broken Top
4	SS	Spouts-Stem
5	SB	Sprouts-Basal
6	SP	Sprouts-other
7	Y	Fire Damage -no diameter affects
8	YD	Fire Damage - affects diameter
9	CB	Cracked Bark
10	BI	Basal Injury
11	LS	Leaf Spot
12	DB	Die Back

SOD PLOT CENTER WAS MOVED 34.2'N FROM PLOT CENTER TO AVOID OVERLAP. NO SOUTHERN QUADRANT (3)

*SOD Code: 1 Problem noted; confirmed as being bark beetle only.
2 Problem noted; confirmed as being bacterial wetwood only.
3 Problem noted, but no tissue sample collected.
4 Problem noted, sample taken and sent: Results were negative.
5 Problem noted, sample taken and sent: Results were POSITIVE!

Appendix F

Plot Description And Site Location Information

Site Description & Information

Plot Number: 1-1 (Thinned to 100 square feet basal area)
Dates Measured: March 10-11, 1984, June-July, 1989, February 24, 1996; June 10, 2001

1. Plot Identification

A. Quad Map: Lopez Mountain, CA

B. Contact: New Owner: Bill Wesnousky, 1791 Cordova Dr., San Luis Obispo, Ca. 93406. (805) 541-1150

C. Photo ID: 1981 CDL ALL SL 16 25-18

D. Legal Description: SW 1/4, SE 1/4, Sec. 6, T 30 S, R 13 E, MDM

E. Directions to Plots: From San Luis Obispo, CA follow Hwy. 101 North to top of Cuesta Grade; turn right on Cuesta Ridge. Access is controlled (CDF or USFS key required). Follow road approx. 1.5 miles; turn left on dirt road at cable gate. From post on left side of gate N 83 E, 287' to center of Plot 1-1.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	22				
B. (percent)	40				
C. Aspect (quadrant)	S 40 E				
D. Elevation (feet)	2040				
E. Site Index (feet)	57				
F. Soil Type	No data available				
G. Stand Age (years)	43	43	48	55	60
H. Crown Cover (%)	100		40	40	35
I. Number of Trees/Ac	480	200	195	160	185
J. Basal Area (s.f./ac)	145	97	107	106	102
K. Volume (c.f./ac)	3293	2391	3378	2498	2362
L. Average Spacing (ft)	9.5	14.7	14.9	16.5	15.3
M. Average Diameter (in) (tree dia. of Avg. BA)	7.4	9.4	10.0	11.0	10.1
N. Tallest Stand Element (tallest tree, ft.)	50	42	68	48	53
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	5	5	20	3	7
1) Mtn. Mahogany	100	100	0	5	0
2) Tanoak	0	0	45	5	55
3) Madrone	0	0	50	90	5
4) Poison Oak					30
5) Monkey Flower					10
8) Other	0	0	5		0
Subtotal	100	100	100	100	100
B. Grasses & Forbs	0	0	65	95	35
C. Litter	93	93	15	2	25
D. Bare Ground or Rock	2	2	0	0	0
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	0	0

† 1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

Site Description & Information

Plot Number: 1-2 (Control plot)
Dates Measured: March 11, 1984, June, July, 1989, February 24, 1996, June 10, 2001.

1. Plot Identification

A. Quad Map: Lopez Mountain, CA
B. Contact: New Owner: Bill Wesnousky, 1791 Cordova Dr., San Luis Obispo, Ca. 93406 (805)541-1150
C. Photo ID: 1981 CDL ALL SL 16 25-18
D. Legal Description: SW 1/4, SE 1/4, Sec. 6, T 30 S, R 13 E, MDM
E. Directions to Plots: From the center of plot 1-1, N 26 W, 326' to SW corner of plot 1-2.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	26				
B. (percent)	49				
C. Aspect (quadrant)	N 45 E				
D. Elevation (feet)	2040				
E. Site Index (feet)	52				
F. Soil Type	No data available				
G. Stand Age (years)	57	57	62	69	74
H. Crown Cover (%)	98	98	75	15	15
I. Number of Trees/Ac	400	400	185	75	70
J. Basal Area (s.f./ac)	155	155	131	76	70
K. Volume (c.f./ac)	3337	3337	2966	2089	1743
L. Average Spacing (ft)	10.4	10.4	15.3	24.1	24.9
M. Average Diameter (in) (tree dia. of Avg. BA)	8.4	8.4	11.4	13.6	13.5
N. Tallest Stand Element (tallest tree, ft.)	54	54	48	50	50
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	0	0	15	5	15
1) Oak seedling	0	0	5	0	10
2) Tanoak	0	0	30	4	8
3) Madrone	0	0	30	0	35
4) Toyon	0	0	10	0	0
5) Manzanita	0	0	10	0	35
6) Knobcone Pine	0	0	15	0	12
7) Mt. Mahogany	0	0	0	1	0
Subtotal	0	0	100	5	100
B. Grasses & Forbs	35	35	70	80	10
C. Litter	60	60	15	0	10
D. Bare Ground or Rock	5	5	0	15	10
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	15	20

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

Site Description & Information

Plot Number: 1-3 (Thinned to 50 square feet per acre)
Dates Measured: March 11, 1984, June 16, 1989, February 24, 1996, July 10, 2001

1. Plot Identification

A. Quad Map: Lopez Mountain, CA

B. Contact: New Owner: Bill Wesnousky, 1791 Cordova Dr., San Luis Obispo, Ca. 93406. (805)541-1150

C. Photo ID: 1981 CDL ALL SL 16 25-18

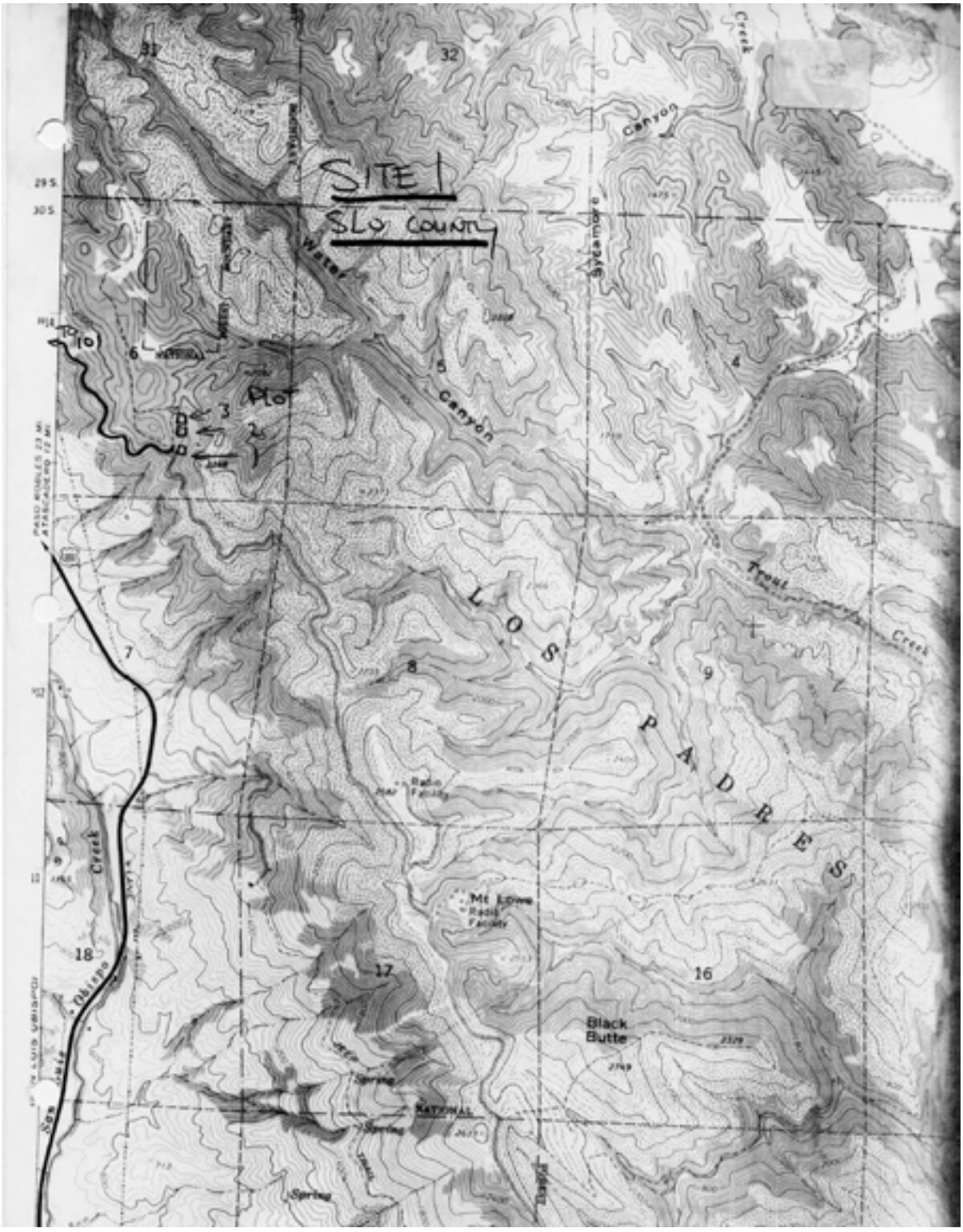
D. Legal Description: SW 1/4, SE 1/4, Sec. 6, T 30 S, R 13 E, MDM

E. Directions to Plots: From NW corner of Plot 1-2, N 44 W, 42' to SW corner of Plot 1-3.

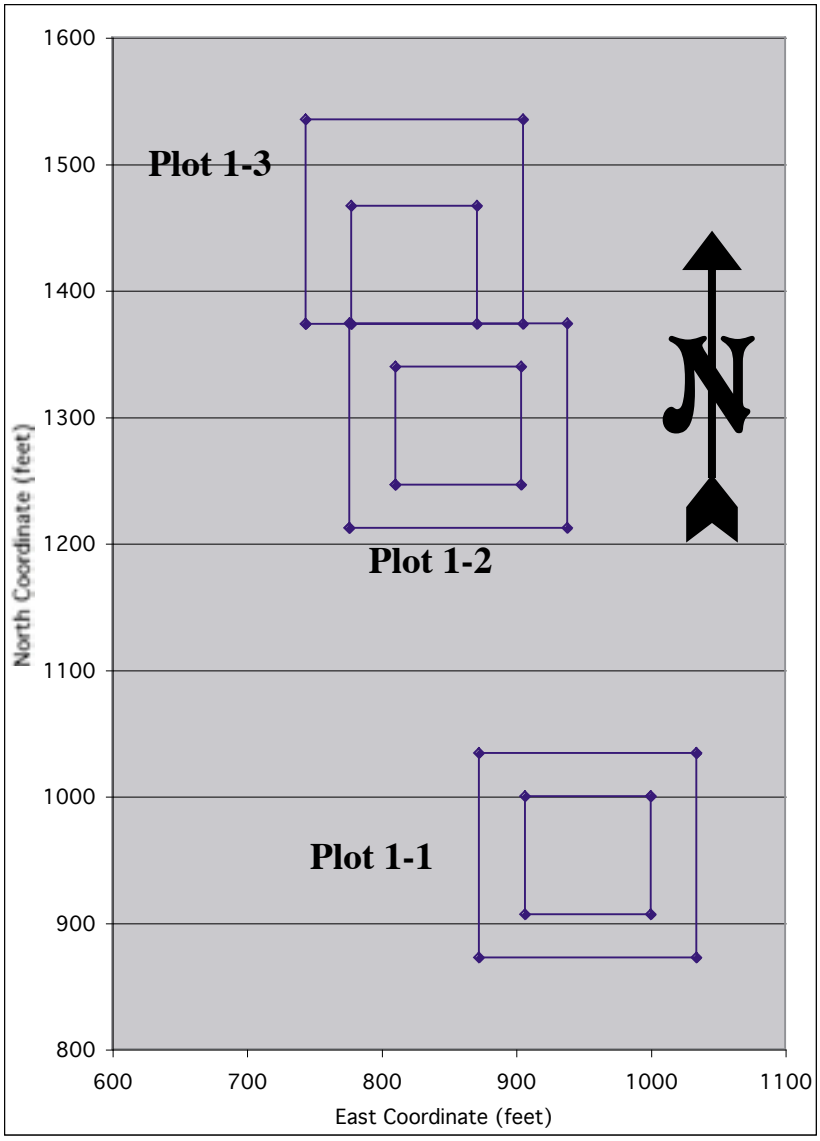
2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	22				
B. (percent)	40				
C. Aspect (quadrant)	N 80 W				
D. Elevation (feet)	2040				
E. Site Index (feet)	48				
F. Soil Type	No data available				
G. Stand Age (years)	57	57	62	69	74
H. Crown Cover (%)	92		50	33	25
I. Number of Trees/Ac	555	110	105	90	80
J. Basal Area (s.f./ac)	156	60	73	76	77
K. Volume (c.f./ac)	3219	1357	1819	1656	2003
L. Average Spacing (ft)	8.9	19.9	20.4	22.0	23.3
M. Average Diameter (in) (tree dia. of Avg. BA)	7.3	10.5	11.3	12.4	13.3
N. Tallest Stand Element (tallest tree, ft.)	50	47	45	36	47
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	2	2	8	5	25
1) Mtn. Mahogany	100	100	0	0	25
2) Tanoak	0	0	37	5	25
3) Manzanita	0	0	13	0	30
4) Deer Weed	0	0	50	0	20
Subtotal	100	100	100	5	100
B. Grasses & Forbs	7	7	90	90	35
C. Litter	90	90	1	2	35
D. Bare Ground or Rock	1	1	1	3	5
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	2	2

† 1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.



Site 1.. Cuesta Grade, USGS Lopez Mountain Quadrangle, San Luis Obispo County



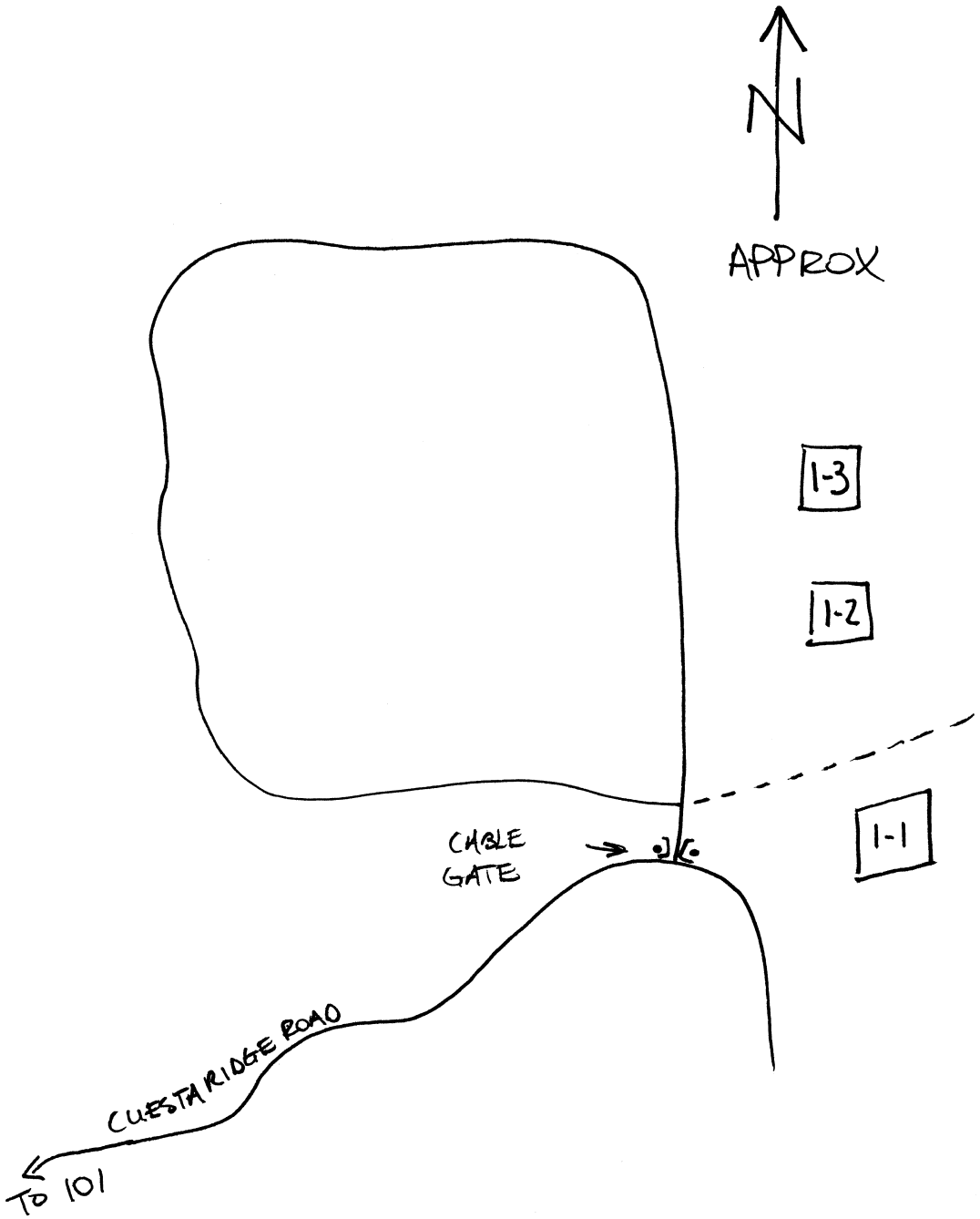
Map of Plot Location

Inner area is one-fifth acre growth and yield plot (93.34' x 93.34').

Outer area is two-fifths acre SOD plot (161.67' x 161.67'). SOD observations are made in both the outer two-fifths and the inner one-fifth acre plots.

A local coordinate system was used to map plot location. The starting point is 1000N, 1000E and is at one of the corners in Plot 1.

SITE #1



Site Description & Information

Plot Number: 2-1 (Thinned to 50 square feet basal area)
Dates Measured: March 12, 1984, July, 1989, July, 1990, June 14, 1996, August 10, 2001

1. Plot Identification

A. Quad Map: Prunedale, CA

B. Contact: Elkhorn Slough National Estuarine Research Reserve, Cal. Fish & Game, 1700 Elkhorn Road, Watsonville, CA 95076. Steven Kimple, manager, (408) 728-0560.

C. Photo ID: CDF-ALL-MO 8 17-3

D. Legal Description: T 13 S, R 2 E, MDM. (no section number available).

E. Directions to Plots: From the SE SOD corner of plot 2-2 go N86E, 80' to the NW SOD corner of plot 2-1.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	20				
B. (percent)	36				
C. Aspect (quadrant)	S 22 E				
D. Elevation (feet)	80				
E. Site Index (feet)	41				
F. Soil Type	Santa Ynez (fine sandy loam)				
G. Stand Age (years)	54	54	59	66	71
H. Crown Cover (%)	99		97	85	75
I. Number of Trees/Ac	400	70	70	65	280
J. Basal Area (s.f./ac)	177	52	66	70	98
K. Volume (c.f./ac)	3780	1232	1824	1979	2766
L. Average Spacing (ft)	10.4	25.0	25.0	25.9	12.5
M. Average Diameter (in) (tree dia. of Avg. BA)	9	12	13	14.1	8.0
N. Tallest Stand Element (tallest tree, ft.)	41	39	47	47	65
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	15	15	35	80	70
1) Poison oak	100	100	100	90	85
2) Baccharus	0	0	0	5	5
3) Rhamnus	0	0	0	5	10
Subtotal	100	100	100	100	100
B. Grasses & Forbs	100	100	100	15	15
C. Litter	0	0	0	5	15
D. Bare Ground or Rock	0	0	0	0	0
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	0	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

Site Description & Information

Plot Number: 2-2 (Control plot)
Dates Measured: March 13, 1984, July, 1989, July, 1990, June 14, 1996, August 10, 2001

1. Plot Identification

A. Quad Map: Prunedale, CA

B. Contact: Elkhorn Slough National Estuarine Research Reserve, Cal. Fish & Game, 1700 Elkhorn Road, Watsonville, CA 95076. Steven Kimple, manager, (408) 728-0560.

C. Photo ID: CDF-ALL-MO 8 17-3

D. Legal Description: T 13 S, R 2 E, MDM. (no section number available).

E. Directions to Plots: From the NE SOD corner of plot 2-3 go S06W, 50' to SOD tree number 819. From this tree go S78E, 90' to the NW SOD corner of plot 2-2.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	3				
B. (percent)	5				
C. Aspect (quadrant)	S 16 W				
D. Elevation (feet)	80				
E. Site Index (feet)	34				
F. Soil Type	Santa Ynez (fine sandy loam)				
G. Stand Age (years)	55	55	59	66	72
H. Crown Cover (%)	95		97	95	75
I. Number of Trees/Ac	385	385	380	380	365
J. Basal Area (s.f./ac)	253	253	268	281	285
K. Volume (c.f./ac)	5534	5534	8146	7566	7684
L. Average Spacing (ft)	10.6	10.6	10.7	10.7	10.9
Average Diameter (in) (tree dia. of Avg. BA)	11.0	11.0	11.4	11.6	12.0
N. Tallest Stand Element (tallest tree, ft.)	34	34	55	51	51
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	20	20	60	70	75
1) Poinson oak	100	100	95	90	85
2) Mint	0	0	3	5	0
3) Blackberry	0	0	2	5	5
4) Hemlock					10
Subtotal	100	100	100	100	100
B. Grasses & Forbs	100	100	35	30	25
C. Litter	0	0	5	5	30
D. Bare Ground or Rock	0	0	0	0	0
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	0	0

† 1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

Site Description & Information

Plot Number: 2-3 (Thinned to 100 square feet basal area)
Dates Measured: March 16, 1984, July, 1989, July, 1990, June 14, 1996, August 11, 2001

1. Plot Identification

A. Quad Map: Prunedale, California

B. Contact: Elkhorn Slough National Estuarine Research Reserve, Cal. Fish & Game, 1700 Elkhorn Road, Watsonville, CA 95076. Steven Kimple, manager, (408) 728-0560.

C. Photo ID: CDF-All-MO 8 17-3

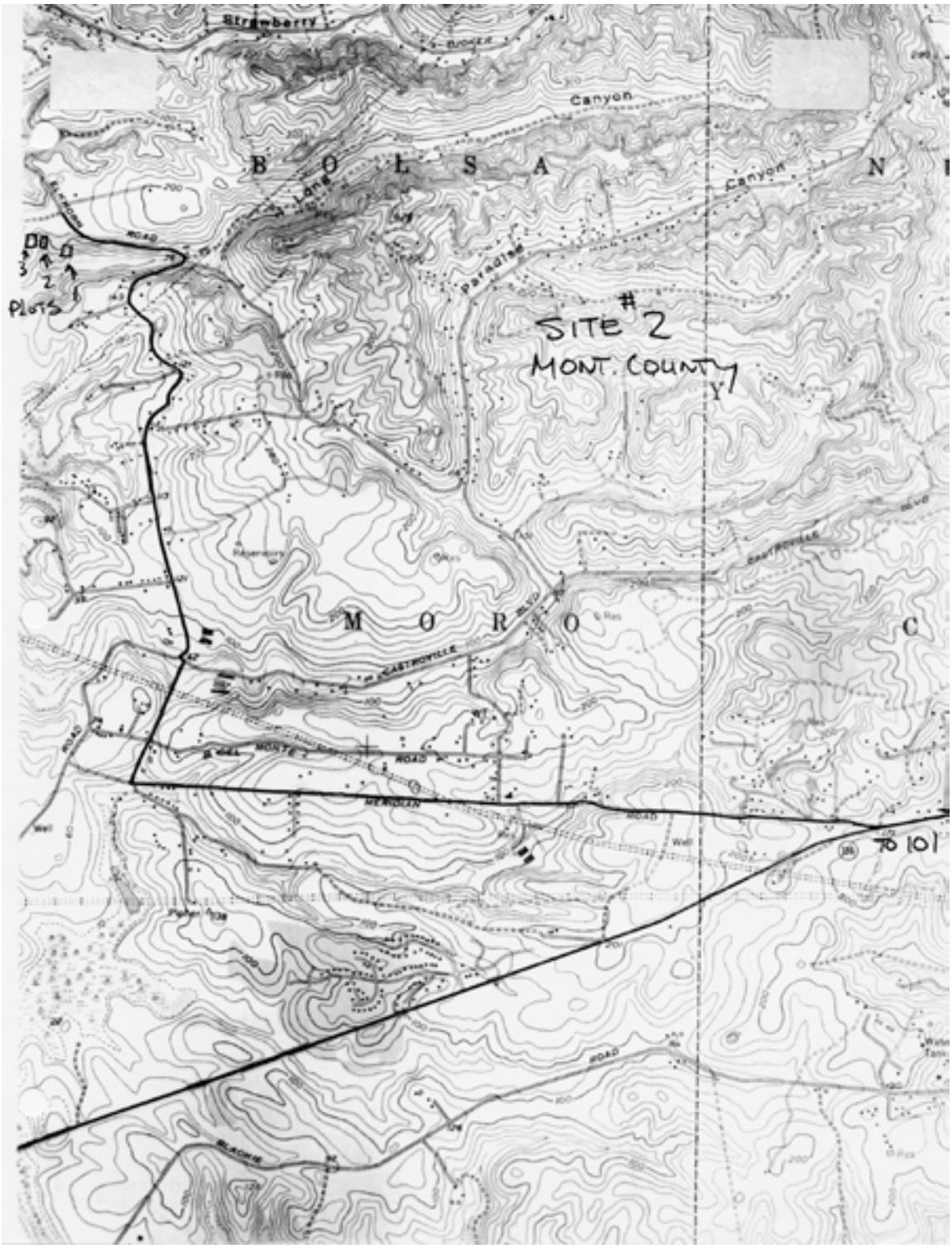
D. Legal Description: T 13 S, R 2 E, MDM. (no section number available).

E. Directions to Plots: From junction of Castroville Blvd. & Elkhorn Rd. 2.5 miles on Elkhorn Rd. to State Estuarine Sanctuary .From science lab at the south end of sanctuary parking lot follow green chain link fence around to the south east corner fence post (behind buildings). From green corner fence post go S88E 130' to telephone pole. From telephone pole go S28E 135'to the NE SOD corner of plot 2-3.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	7				
B. (percent)	12				
C. Aspect (quadrant)	S 50 W				
D. Elevation (feet)	80				
E. Site Index (feet)	34				
F. Soil Type	Santa Ynez (fine sandy loam)				
G. Stand Age (years)	63	63	68	75	80
H. Crown Cover (%)	95		65	75	60
I. Number of Trees/Ac	355	95	95	95	135
J. Basal Area (s.f./ac)	242	109	124	135	133
K. Volume (c.f./ac)	5962	2941	4108	4274	4397
L. Average Spacing (ft)	11.1	21.4	21.4	21.4	17.9
M. Average Diameter (in) (tree dia. of Avg. BA)	11.2	14.5	15.5	16.1	13.4
N. Tallest Stand Element (tallest tree, ft.)	36	44	55	55	58
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	25	25	40	65	60
1) Poison Oak	100	100	90	80	83
2) Coffeeberry	0	0	7	15	15
3) Mint	0	0	3	5	2
Subtotal	100	100	100	100	100
B. Grasses & Forbs	100	100	60	35	35
C. Litter	0	0	0	0	5
D. Bare Ground or Rock	0	0	0	0	0
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	0	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.



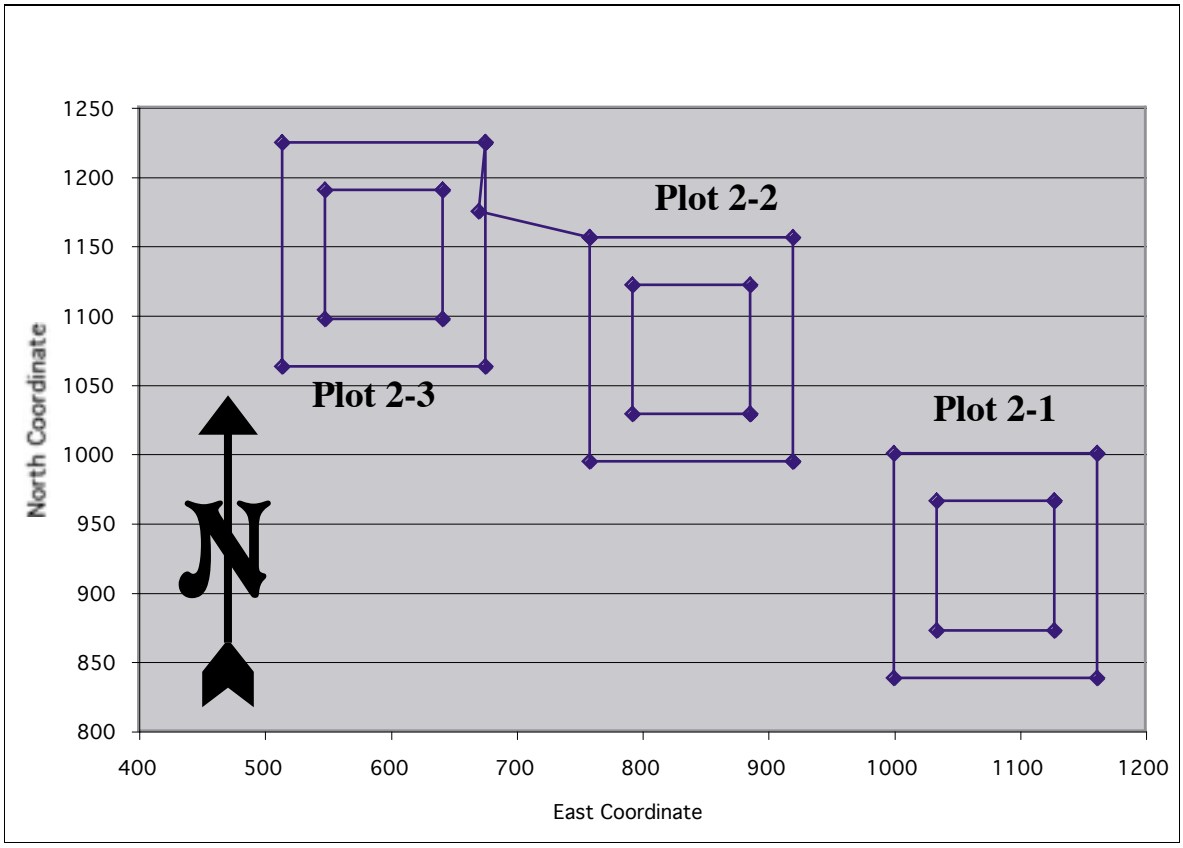
Site 2. Elkhorn Slough Estuarine Reserve, USGS Prunedale Quadrangle, Monterey Countyß

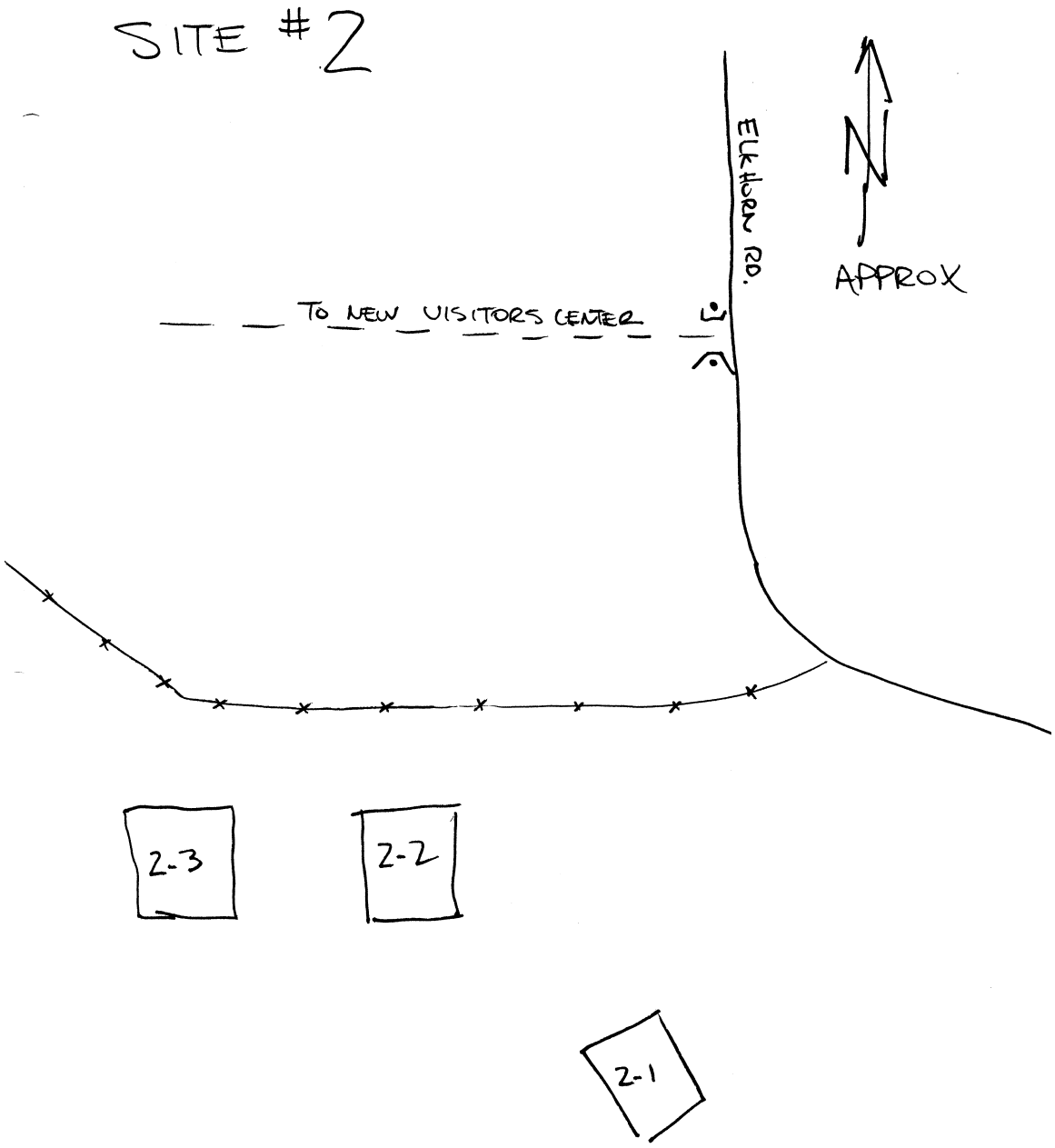
Map of Plot Location

Inner area is one-fifth acre growth and yield plot (93.34' x 93.34').

Outer area is two-fifths acre SOD plot (161.67' x 161.67'). SOD observations are made in both the outer two-fifths and the inner one-fifth acre plots.

A local coordinate system was used to map plot location. The starting point is 1000N, 1000E and is at one of the corners in Plot 1.




SITE #2
ELKHORN RD.
APPROX
TO NEW VISITORS CENTER
2-3
2-2
2-1

Site Description & Information

Plot Number: 3-1 (Thinned to 50 square feet basal area)
Dates Measured: March 18, 1984, June, 1989, June 29, 1996, July13, 2001

1. Plot Identification

A. Quad Map: Adelaida, California
B. Contact: Arian Ramage (805-239-0189)
C. Photo ID: 1981 CDL-ALL-SL 14 14-3
D. Legal Description: SE 1/4, NE 1/4, Sec. 35, T 26 S, R 10 E, MDM.
E. Directions to Plots: From the NE corner of plot 3-2 (SOD tree 201) go N 4 W approx. 75' along road. Then turn left on cross road and follow road approx. 260' to fork. Take a right at the fork and go another 500' along road. At this point in the road go N 10 W (toward orchard) 40' to 3-1 NE SOD corner
F. See plot 3-2 for plotting directions.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	15				
B. (percent)	27				
C. Aspect (quadrant)	N 55 E				
D. Elevation (feet)	1340				
E. Site Index (feet)	84				
F. Soil Type	Linne-Zakme				
G. Stand Age (years)	25	25	30	37	42
H. Crown Cover (%)	92		50	75	83
I. Number of Trees/Ac	835	215	210	200	205
J. Basal Area (s.f./ac)	132	67	87	109	129
K. Volume (c.f./ac)	3058	1875	2657	3355	4215
L. Average Spacing (ft)	7.2	14.2	14.4	14.7	14.6
M. Average Diameter (in) (tree dia. of Avg. BA)	5.4	7.6	8.7	10.0	10.7
N. Tallest Stand Element (tallest tree, ft.)	56	61	65	63	67
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	5	5	10	30	15
1) Poison Oak	100	100	100	100	100
Subtotal	100	100	100	100	100
B. Grasses & Forbs	10	10	15	60	10
C. Litter	85	85	70	30	55
D. Bare Ground or Rock	0	0	5	5	4
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	0	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

Site Description & Information

Plot Number: 3-2 (Thinned to 75 square feet basal area)
Dates Measured: March 18, 1984, June, 1989, June 29, 1996, July 15, 2001

1. Plot Identification

A. Quad Map: Adelaida, California

B. Contact: Arian Ramage (805-239-0189)

C. Photo ID: 1981 CDL-ALL-SL 14 14-3

D. Legal Description: SE 1/4, NE 1/4, Sec. 35, T 26 S, R 10 E, MDM.

E. Directions to Plots: Exit Vineyard drive from Highway 101 and go west (left). Cross Highway 46 and continue for approximately 10.5 miles until the road ends at Adelada Rd. Then go left on Adelaida road. Proceed on Adelaida road to sign that says Ramage Ranch on right hand side of road in front of a Black Walnut orchard. Turn left into entrance with a large green, metal gate directly across Adelaida Rd. from the orchard entrance. Follow dirt road approx. 0.6 miles and bear to left on dirt road past ranch house. Go another 0.4 miles and take a right at the creek crossing. Once on the other side of the creek follow road to the left and bear right at the first fork. Follow road approx. 0.2 miles from the creek through barbwire gate, into walnut orchard and stop where the road dips into a slight ravine with a large coast live oak on the left hand side of the road. The coast live oak is in the ravine just off of the road. It is approx. 50 inches in DBH with a Biltmore and has 6 main trunks branching off above DBH. From the large oak go S 38 E approx. 215' to road entering woodland from orchard. Follow road in a SE direction for Approx. 430' to SOD tree 201 and NE corner of plot 3-2 on left hand side of the road.

F. Plotting Directions: From SOD NE corner of plot 3-1 go S 10 E , 40' to road, then folow road to the left. Bearings and slope distance along road are as follows: S 82 E, 100'; N 76 E, 175'; N 56 E 150'; N 66 E, 75' to a fork in the road. Go due North (left) at the fork for 45' then S 82 E, 85'; S 45 E, 40'; S 78 E, 90' to the middle of cross road. Turn right on cross road and go S 4 E, 75' to NE corner (SOD tree 201) of plot 3-2.

continued

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	12				
B. (percent)	21				
C. Aspect (quadrant)	N 65 E				
D. Elevation (feet)	1340				
E. Site Index (feet)	83				
F. Soil Type	Linne-Zakme				
G. Stand Age (years)	29	29	34	41	46
H. Crown Cover (%)	80		80	65	60
I. Number of Trees/Ac	725	325	310	300	300
J. Basal Area (s.f./ac)	106	82	101	114	115
K. Volume (c.f./ac)	2396	2014	2805	3189	3190
L. Average Spacing (ft)	7.8	11.6	11.8	12.0	12.0
M. Average Diameter (in) (tree dia. of Avg. BA)	5.2	6.8	7.7	8.3	8.4
N. Tallest Stand Element (tallest tree, ft.)	59	56	62	59	61
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	7	7	7	20	20
1) Poison Oak	95	95	95	95	80
2) Toyon	3	3	3	2	15
3) Red Berry	2	2	2	3	5
Subtotal	100	100	100	100	100
B. Grasses & Forbs	20	20	13	65	10
C. Litter	90	90	80	20	65
D. Bare Ground or Rock	0	0	5	5	5
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	3	5

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

Site Description & Information

Plot Number: 3-3 (Control Plot)
Dates Measured: March 19, 1984, June, 1989, June 29, 1996, July 17, 2001
v

1. Plot Identification

A. Quad Map: Adelaida, California

B. Contact: Arian Ramage (805-239-0189)

C. Photo ID: 1981 CDL-ALL-SL 14 14-3

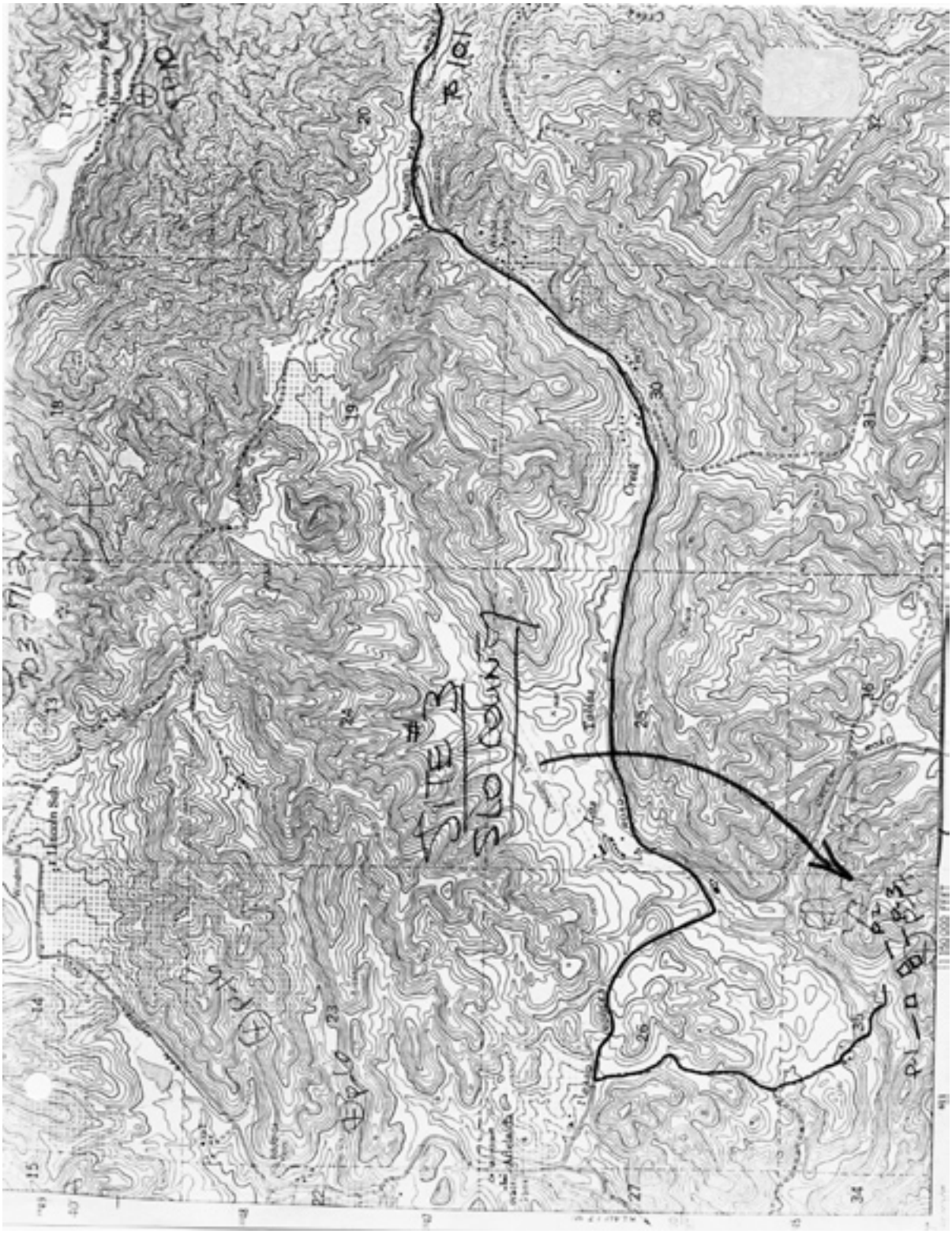
D. Legal Description: SW 1/4, NE 1/4, Sec. 35, T 26 S, R 10 E, MDM

E. Directions to Plots: From SE Corner of Plot 3-2 (SOD tree 223), S 32 E, 160' to NE corner of plot 3-3 (1/5 acre tree 870).

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	19				
B. (percent)	34				
C. Aspect (quadrant)	N 20 E				
D. Elevation (feet)	1340				
E. Site Index (feet)	86				
F. Soil Type	Linne-Zakme				
G. Stand Age (years)	29	29	34	41	46
H. Crown Cover (%)	80	80	75	65	50
I. Number of Trees/Ac	610	610	580	420	375
J. Basal Area (s.f./ac)	138	138	148	130	134
K. Volume (c.f./ac)	3438	3438	4166	3352	3675
L. Average Spacing (ft)	8.5	8.5	8.6	10.2	10.8
M. Average Diameter (in) (tree dia. of Avg. BA)	6.4	6.4	6.8	7.5	8.1
N. Tallest Stand Element (tallest tree, ft.)	61	61	70	64	68
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	5	5	5	10	10
1) Poison Oak	100	100	100	100	100
Subtotal	100	100	100	100	100
B. Grasses & Forbs	5	5	5	10	10
C. Litter	95	95	95	85	70
D. Bare Ground or Rock	0	0	5	20	5
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	10	10

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.



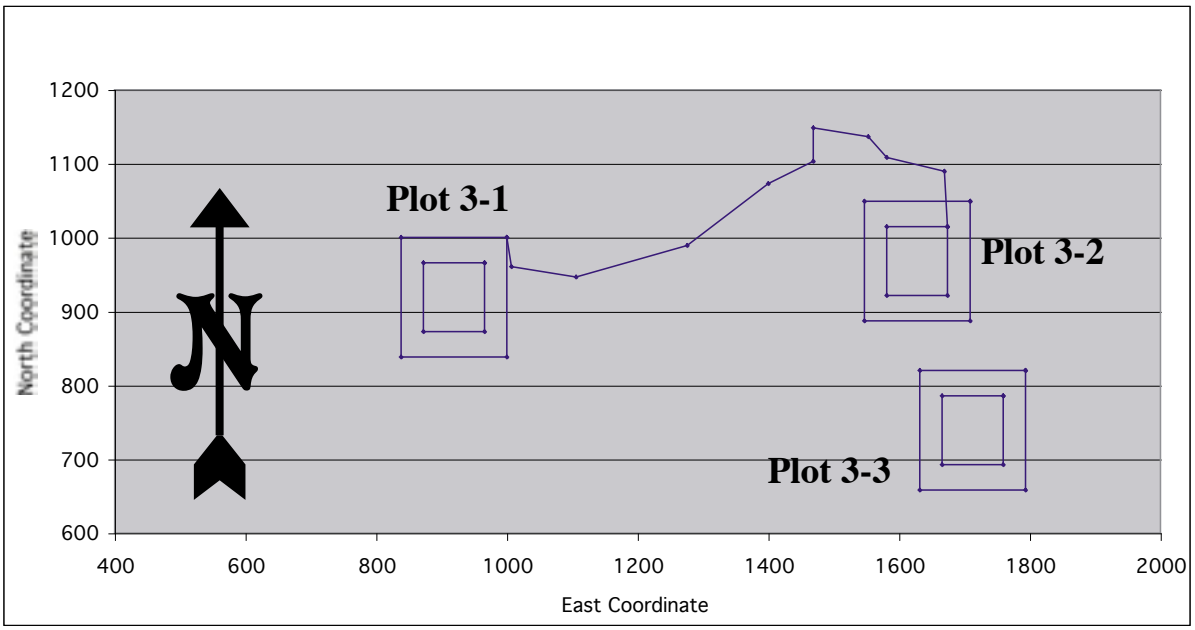
Site 3. Arian Ramage, USGS Adelaida Quadrangle, San Luis Obispo County

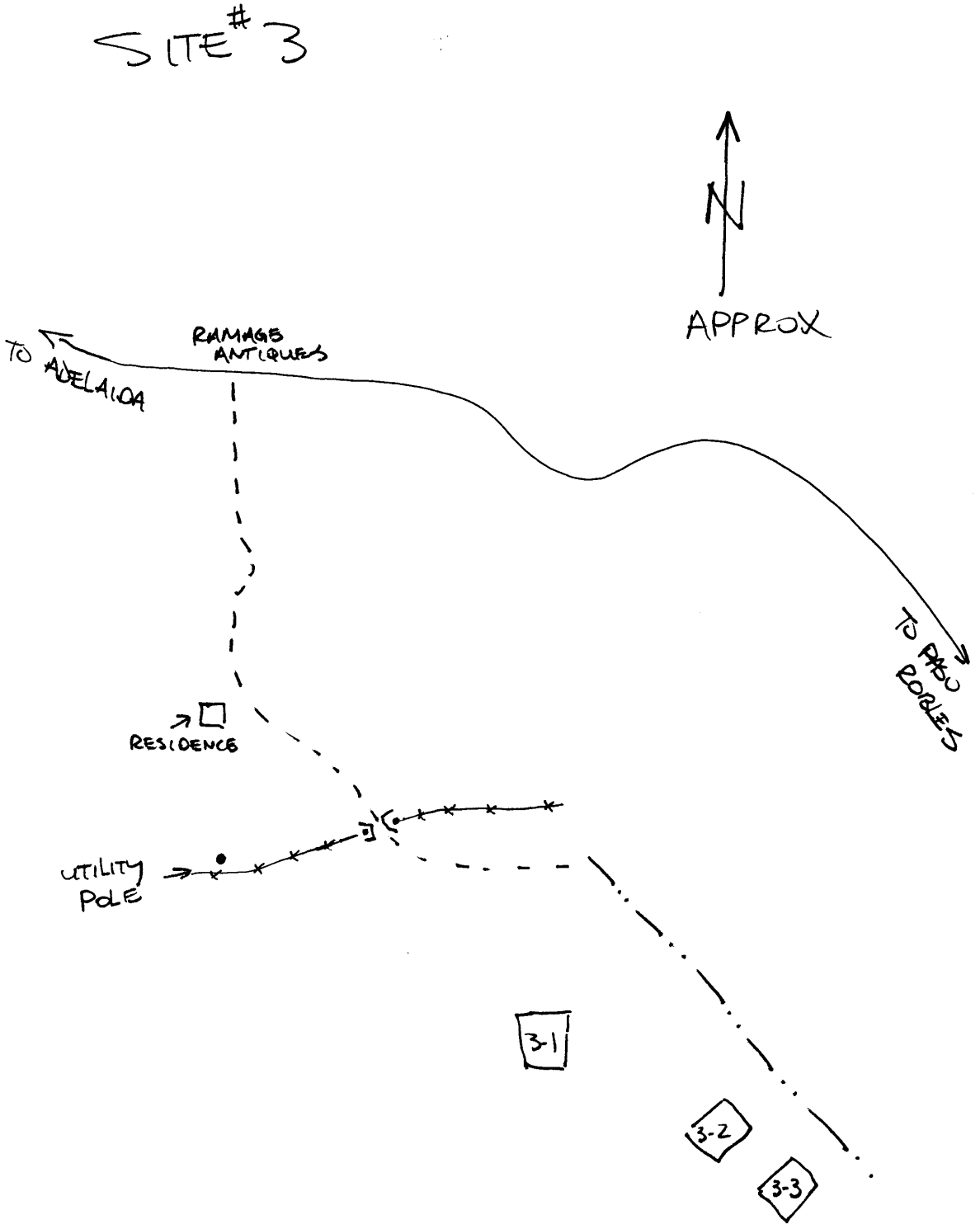
Map of Plot Location

Inner area is one-fifth acre growth and yield plot (93.34' x 93.34').

Outer area is two-fifths acre SOD plot (161.67' x 161.67'). SOD observations are made in both the outer two-fifths and the inner one-fifth acre plots.

A local coordinate system was used to map plot location. The starting point is 1000N, 1000E and is at one of the corners in Plot 1.




SITE # 3
N
APPROX
TO ADELAIDE
RAMAGE ANTIQUES
TO PAPA BORLEY
RESIDENCE
UTILITY POLE
3-1
3-2
3-3

Site Description & Information

Plot Number: 4-1 (Thinned to 100 square feet basal area)
Dates Measured: March 17, 1984, June, 1989, June 10, 1996, August 24, 2001

1. Plot Identification

A. Quad Map: Mt. Carmel, Calif.

B. Contact: Santa Lucia Conservancy. 831-626-8595.

C. Photo ID: CDF-ALL-MO 23 14-12

D. Legal Description: SW 1/4, Sec. 13, T 17 S, R 1 E, MDM.

E. Directions to Plots: From the NW SOD corner of plot 4-2 go N72W, 125' to sycamore tree. From sycamore tree go N24E, 155' to oak tree marked with a nail at breast height on the down hill side. From the oak tree go N12W approx. 205' to the SE SOD corner of plot 4-1.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd †	1996 3rd	2001 4th
A. Slope (degrees)	11				
B. (percent)	20				
C. Aspect (quadrant)	due west				
D. Elevation (feet)	1700				
E. Site Index (feet)	60				
F. Soil Type	Sheridan Course sandy loam				
G. Stand Age (years)	57	57	59	66	74
H. Crown Cover (%)	30		60	50	55
I. Number of Trees/Ac	310	95	95	95	95
J. Basal Area (s.f./ac)	184	99	108	120	129
K. Volume (c.f./ac)	5430	3238	4086	4603	5000
L. Average Spacing (ft)	11.9	21.4	21.4	21.4	21.4
M. Average Diameter (in) (tree dia. of Avg. BA)	10.4	13.8	14.4	15.2	15.8
N. Tallest Stand Element (tallest tree, ft.)	62.5	71	69	72	72
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	20	20	35	90	40
1) Poison Oak	50	50	30	40	30
2) Bacharis	40	40	5	20	20
3) Diplacus	5	5	40	0	0
4) Vetch	5	5	15	60	40
5) Lonicera	0	0	5	0	0
6) Ribes	0	0	5	3	0
7) Arbutus	0	0	0	2	0
8) Monkey flower					10
Subtotal	100	100	100	100	100
B. Grasses & Forbs	95	95	60	5	70
C. Litter	0	0	5	5	50
D. Bare Ground or Rock	5	5	0	0	0
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	0	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

Site Description & Information

Plot Number: 4-2 (Thinned to 50 square feet basal area)
Dates Measured: March 17, 1984, June, 1989, June 10, 1996, August 23, 2001

1. Plot Identification

A. Quad Map: Mt. Carmel, Calif.

B. Contact: Santa Lucia Conservancy. 831-626-8595.

C. Photo ID: CDF-ALL-MO 23 14-12

D. Legal Description: SW 1/4, Sec. 13, T 17 S, R 1 E, MDM.

E. Directions to Plots: From Salinas take highway 68 West towards the Monterey Peninsula. Take a left at Luareles grade and follow grade over to Carmel Valley Road. Take a right on Carmel Valley Road and follow it to Rancho San Carlos Road. Take a left on rancho San Carlos Road and follow it approx.0.2 miles to the visitor center on the right. From the visitor center follow road into ranch for approx. 8.7 miles to Garzas Trail road. Follow Grazas Trail for approx. 0.5 miles and turn right at the fifth turn off (road leading to housing site #s 42 & 47). Follow road for 0.2 miles until road forks. Just to the right of the fork is a wood post with a bird feeder attached to it. From the bird house go due North 45' to the NW SOD corner of plot 4-2.

continued

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	10				
B. (percent)	17				
C. Aspect (quadrant)	S 16 W				
D. Elevation (feet)	1700				
E. Site Index (feet)	61				
F. Soil Type	Sheridan Course sandy loam				
G. Stand Age (years)	65	65	70	77	82
H. Crown Cover (%)	92		35	40	40
I. Number of Trees/Ac	145	30	30	30	30
J. Basal Area (s.f./ac)	170	63	69	75	80
K. Volume (c.f./ac)	6606	2550	3051	3369	3834
L. Average Spacing (ft)	17.3	38.1	38.1	38.1	38.1
M. Average Diameter (in) (tree dia. of Avg. BA)	14.7	19.6	20.5	21.4	22.1
N. Tallest Stand Element (tallest tree, ft.)	70	74	72	74	80
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	40	40	35	20	90
1) Poison Oak	80	80	75	50	40
2) Coffeeberry	10	10	10	0	5
3) Ribes	2	2	3	0	5
4) Lonicera	2	2	2	0	
5) Rubus	6	6	10	0	2
6) Pickeringia	0	0	0	50	
7) monkey flower					2
8) veatch					40
9) snowberry					6
Subtotal	100	100	100	100	100
B. Grasses & Forbs	40	40	40	5	25
C. Litter	20	20	20	0	10
D. Bare Ground or Rock	20	20	5	75**	**25
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	75	50

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

** Plot 2 had recently been cleared with a bulldozer. The trees were still there but almost all of the understory had been scraped off. The result was a large area of the plot left completely bare and significant soil disruption.

Site Description & Information

Plot Number: 4-3 (Control Plot)
Dates Measured: March 17, 1984, June, 1989, June 10, 1996, August 23, 2001

1. Plot Identification

A. Quad Map: Mt. Carmel, Calif.

B. Contact: Santa Lucia Conservancy. 831-626-8595.

C. Photo ID: CDF-ALL-MO 23 14-12

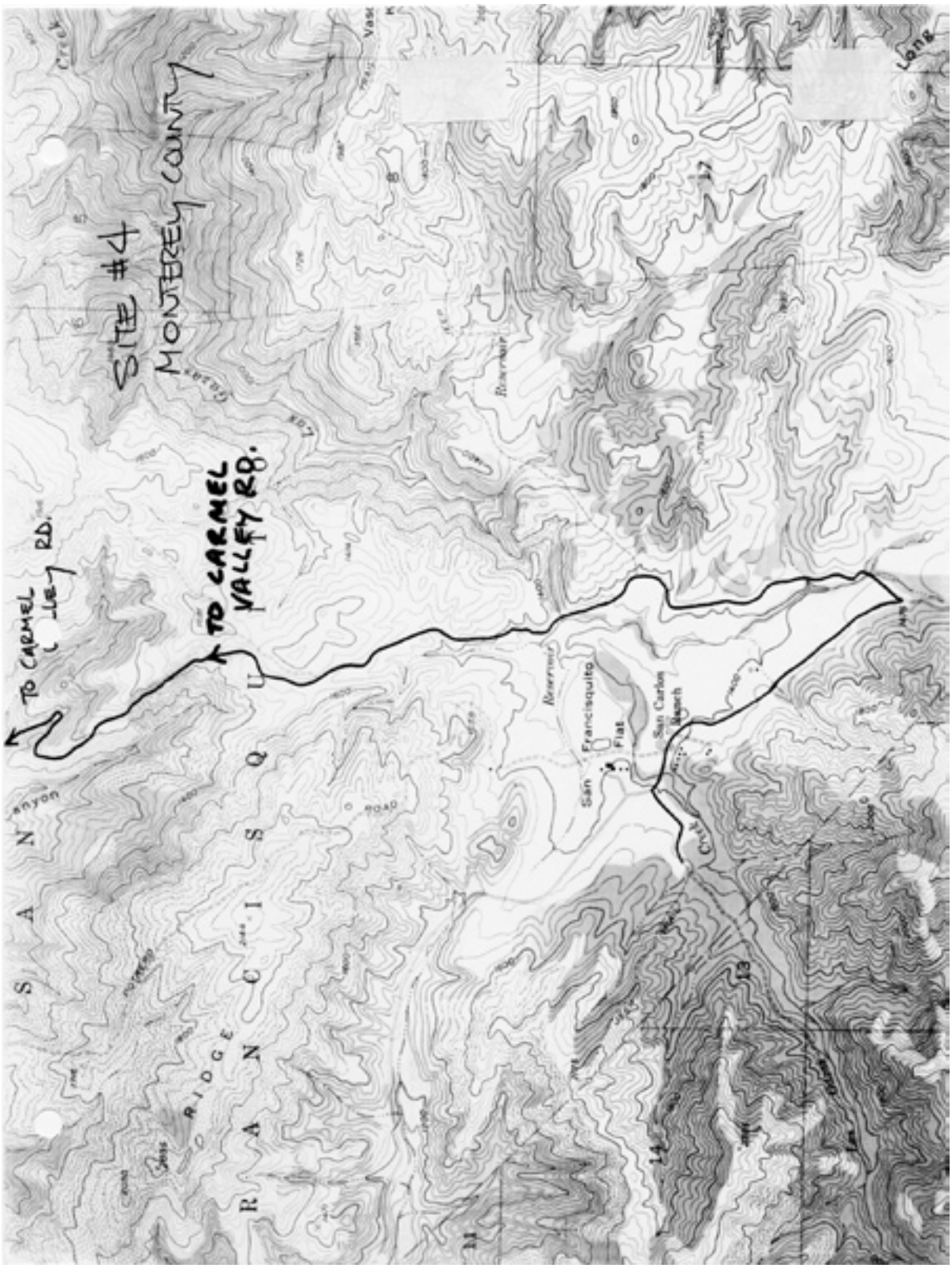
D. Legal Description: SW 1/4, Sec. 13, T 17 S, R 1 E, MDM.

E. Directions to Plots: From northeast corner of plot 4-2, N 10 E, 64.5' to the southeast corner of plot 4-3.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd †	1996 3rd	2001 4th
A. Slope (degrees)	16				
B. (percent)	29				
C. Aspect (quadrant)	S 20 W				
D. Elevation (feet)	1700				
E. Site Index (feet)	59.6				
F. Soil Type	Sheridan Course sandy loam				
G. Stand Age (years)	66	66	71	78	83
H. Crown Cover (%)	95	95	90	85	70
I. Number of Trees/Ac	330	330	330	305	295
J. Basal Area (s.f./ac)	255	255	266	265	273
K. Volume (c.f./ac)	9055	9055	10652	10803	11146
L. Average Spacing (ft)	11.8	11.8	11.8	11.9	12.1
M. Average Diameter (in) (tree dia. of Avg. BA)	12.1	12.1	12.3	12.6	13.0
N. Tallest Stand Element (tallest tree, ft.)	68.5	68.5	71	89	89
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	30	30	35	25	30
1) Poison Oak	75	75	75	75	55
2) Coffeeberry	20	20	20	1	0
3) Bacharis	5	5	3	2	0
4) Snowberry	0	0	1	21	40
5) Diplacus	0	0	1	1	0
6 Veatch silk tassel					5
Subtotal	100	100	100	100	100
B. Grasses & Forbs	50	50	40	60	55
C. Litter	30	30	20	5	50
D. Bare Ground or Rock	10	10	5	10	**35
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	0	5

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.
**Paved road through plot in 2001 data from SW to NE corners. 4 trees were removed.



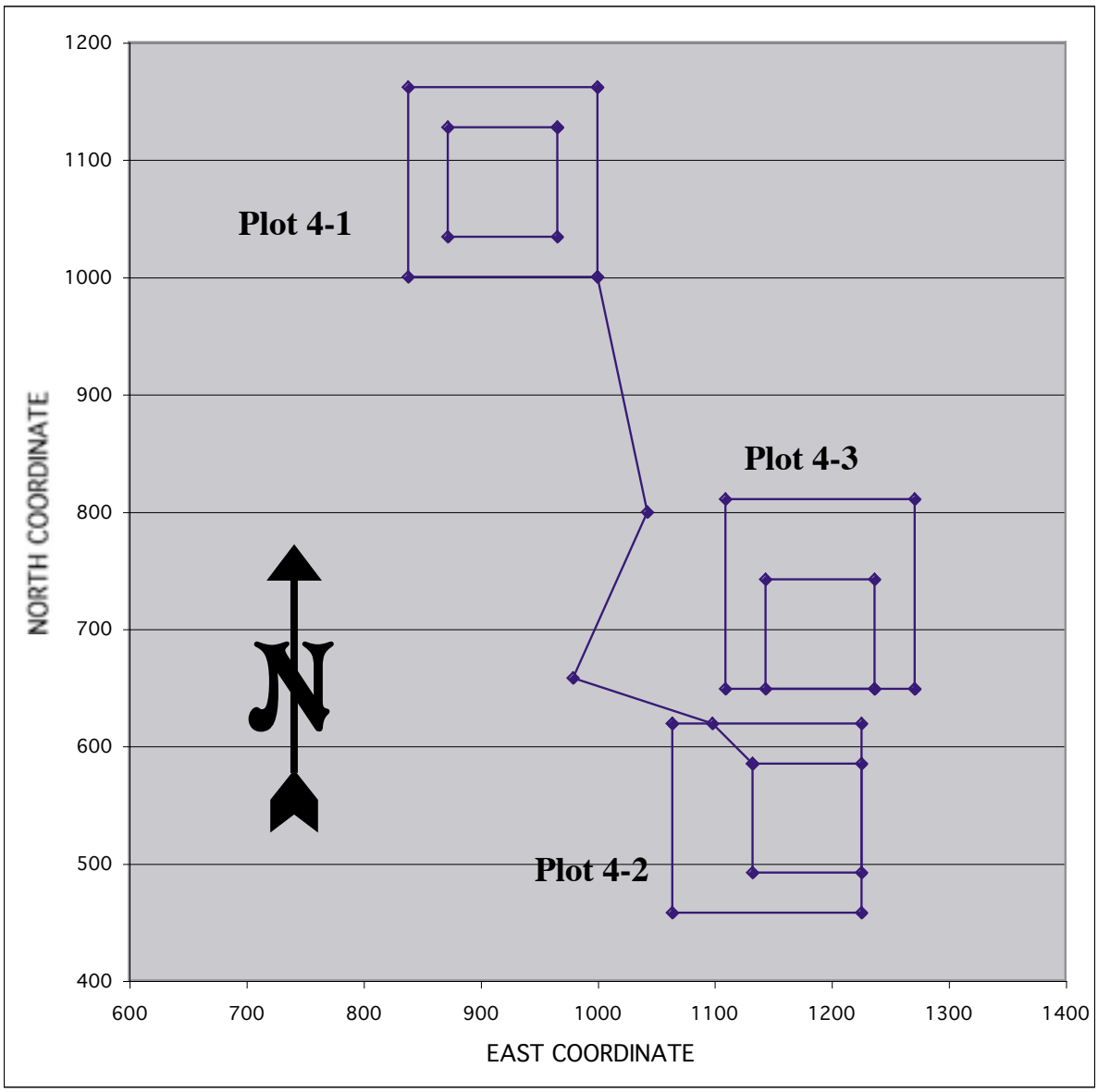
Site 4. Santa Lucia Conservancy, USGS Mt. Carmel Quadrangle, Monterey County

Map of Plot Location

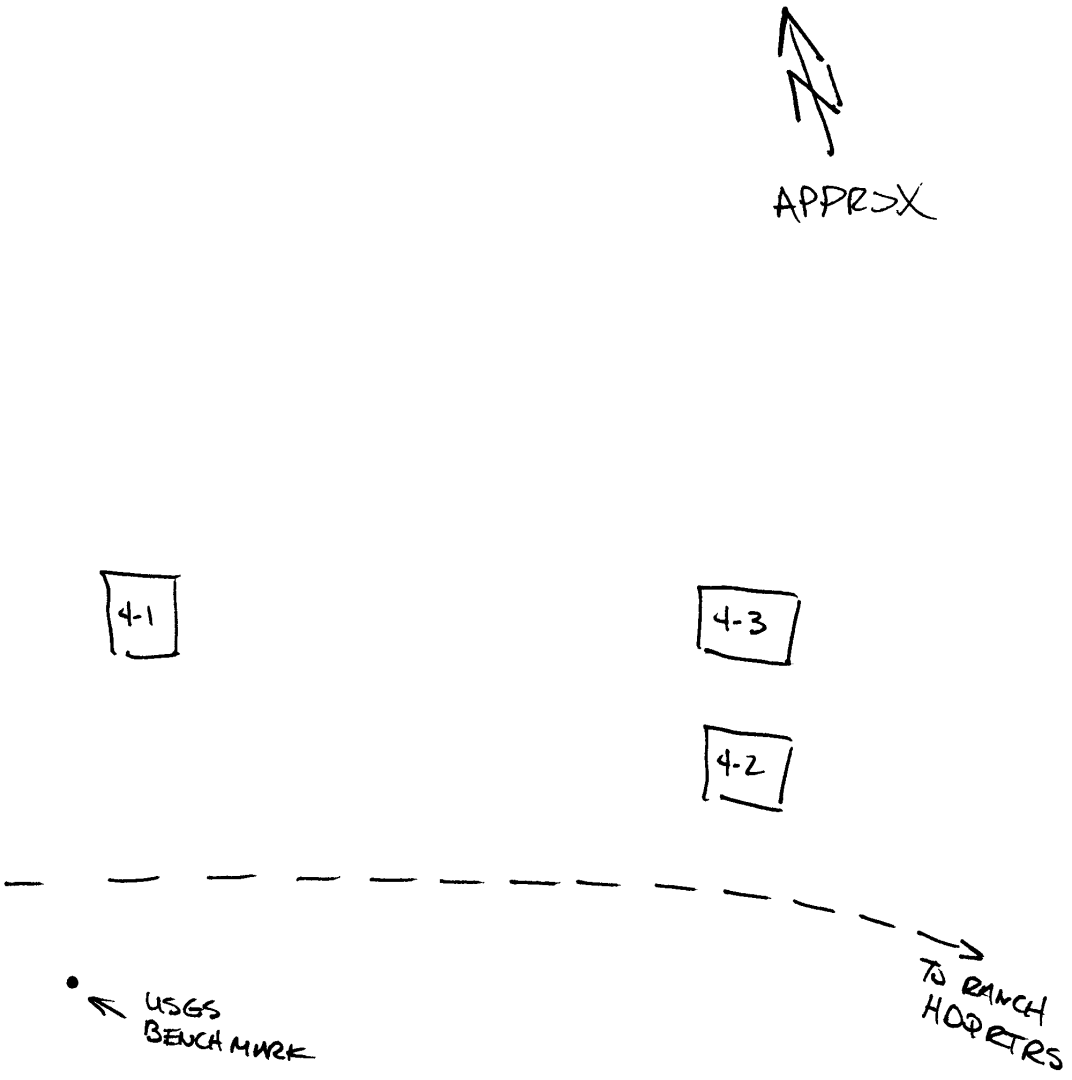
Inner area is one-fifth acre growth and yield plot (93.34' x 93.34').

Outer area is two-fifths acre SOD plot (161.67' x 161.67'). SOD observations are made in both the outer two-fifths and the inner one-fifth acre plots.

A local coordinate system was used to map plot location. The starting point is 1000N, 1000E and is at one of the corners in Plot 1.



SITE #4



Site Description & Information

Plot Number: 5-1 (Thinned to 50 square feet basal area)
Dates Measured: March 23, 1984, July, 1989, May 22, 1996, August 8, 2001

1. Plot Identification

A. Quad Map: Gonzales, California

B. Contact: Mr. John Allen, (408) 594-0571

C. Photo ID: CDF-ALL-MO 11 35-10

D. Legal Description: NW 1/4, SW 1/4, Sec. 24, T 15 S, R 5 E, MDM.

E. Directions to Plots: Go south on Hwy 101 from Salinas to Chualar. Exit on Chualar River Road, head east into Chualar. Left on Grant St., then right on Payson St. at north end of Chualar. Payson St. becomes Chualar Rd. Turn right on old stage road then left on Chualar Canyon Road. Follow Chualar Canyon Road to white gate. This is Old's ranch. Follow ranch road through 2nd gate (no lock). From the intersection of Old Stage road and Chualar Canyon road to the parking area is 7.0 miles. Here there is a jeep trail that takes off on the right (see Photo 5-1 (c) in Appendix). From the trail it is 2800 feet, along the road to a blazed tree on the right (see Photo 5-3 (c) in Appendix). Before reaching this point, there is a locked gate. The jeep trail is very steep and there is no place to turn around before or at the locked gate. Therefore if a combination is not acquired it is recommended that the crew park at the bottom of the trail and hike in. From the monument tree (coast live oak) go N 83 E, 70' to SW corner of plot 5-1.

continued

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	24				
B. (percent)	45				
C. Aspect (quadrant)	N 26 W				
D. Elevation (feet)	1380				
E. Site Index (feet)	48				
F. Soil Type	Junipero-Sur Complex				
G. Stand Age (years)	74	74	81	88	91
H. Crown Cover (%)	80		45	40	45
I. Number of Trees/Ac	110	30	30	30	30
J. Basal Area (s.f./ac)	144	52	56	67	77
K. Volume (c.f./ac)	4682	1830	2308	2409	2911
L. Average Spacing (ft)	19.9	38.1	38.1	38.1	38.1
Average Diameter (in) (tree dia. of Avg. BA)	15.5	17.8	18.5	20.2	21.7
N. Tallest Stand Element (tallest tree, ft.)	58	59	64	54	56
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	5	5	5	3	3
1) Poison Oak	95	95	95	40	0
2) Coffeeberry	5	5	5	35	100
3) Coyote Bush				25	0
Subtotal	100	100	100	100	100
B. Grasses & Forbs	90	90	90	97	89
C. Litter	5	5	5	3	8
D. Bare Ground or Rock	0	0	0	0	0
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps : 0		0	0	0	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

Site Description & Information

Plot Number: 5-2 (Control Plot)
Dates Measured: March 23, 1984, July, 1989, May 22, 1996, August 8, 2001

1. Plot Identification

A. Quad Map: Gonzales, California

B. Contact: Mr. John Allen, (408) 594 0571

C. Photo ID: CDF-ALL-MO 11 35-10

D. Legal Description: NW 1/4, SW 1/4, Sec. 24, T 15 S, R 5 E, MDM.

E. Directions to Plots: From SE corner of plot 5-1, go N 88 E, 176' to SW corner of plot 5-2.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	18				
B. (percent)	32				
C. Aspect (quadrant)	N 76 W				
D. Elevation (feet)	1390				
E. Site Index (feet)	49				
F. Soil Type	Junipero-Sur Complex				
G. Stand Age (years)	78	78	83	90	95
H. Crown Cover (%)	90	90	90	95	87
I. Number of Trees/Ac	75	75	75	80	80
J. Basal Area (s.f./ac)	176	176	185	196	206
K. Volume (c.f./ac)	6799	6799	7999	8415	9080
L. Average Spacing (ft)	24.1	24.1	24.1	23.3	23.3
Average Diameter (in) (tree dia. of Avg. BA)	20.7	20.7	21.3	21.2	21.7
N. Tallest Stand Element (tallest tree, ft.)	61	61	69	77	80
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	5	5	0	2	2
1) Poison Oak	90	90	90	60	0
2) Coffeeberry	10	10	10	40	100
Subtotal	100	100	100	100	100
B. Grasses & Forbs	80	80	30	50	3
C. Litter	15	15	70	50	97
D. Bare Ground or Rock	0	0	0	0	0
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps : 0		0	0	0	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

Site Description & Information

Plot Number: 5-3 (Thinned to 100 square feet basal area)
Dates Measured: March 23, 1984, July, 1989, May 22, 1996, August 8, 2001

1. Plot Identification

A. Quad Map: Gonzales, California

B. Contact: Mr. John Allen, (408) 594-0571

C. Photo ID: CDF-ALL-MO 11 35-10

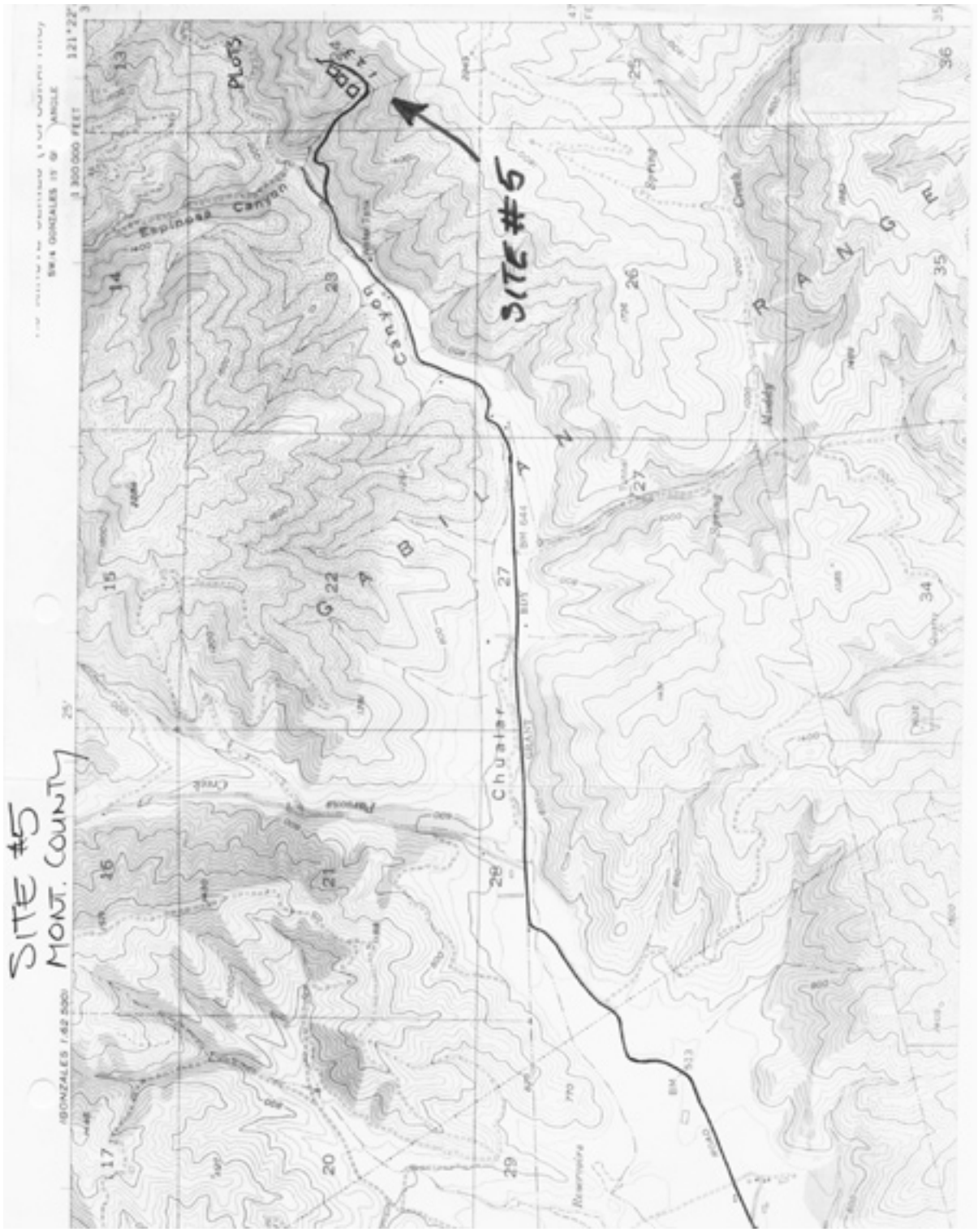
D. Legal Description: NW 1/4, SW 1/4, Sec. 24, T 15 S, R 5 E, MDM.

E. Directions to Plots: From SE corner of plot 5-2, S 69 E, 53.5' to SW corner of plot 5-3.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	26				
B. (percent)	48				
C. Aspect (quadrant)	N 76 W				
D. Elevation (feet)	1400				
E. Site Index (feet)	46.3				
F. Soil Type	Junipero-Sur Complex				
G. Stand Age (years)	79	79	84	91	96
H. Crown Cover (%)	90		80	75	75
I. Number of Trees/Ac	215	60	60	60	60
J. Basal Area (s.f./ac)	168	106	114	125	132
K. Volume (c.f./ac)	5009	3687	4668	4838	5256
L. Average Spacing (ft)	14.2	26.9	26.9	26.9	26.9
Average Diameter (in) (tree dia. of Avg. BA)	12	18	18.7	19.5	20.1
N. Tallest Stand Element (tallest tree, ft.)	58	60	68	64	66
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	2	2	2	5	5
1) Poison Oak	100	100	99	60	0
2) Tanoak	0	0	1	0	0
3) Ribes	0	0	0	40	0
4) Monkeyflower					100
Subtotal	100	100	100	100	100
B. Grasses & Forbs	90	90	60	70	3
C. Litter	8	8	38	25	92
D. Bare Ground or Rock	0	0	0	0	0
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	0	5

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.



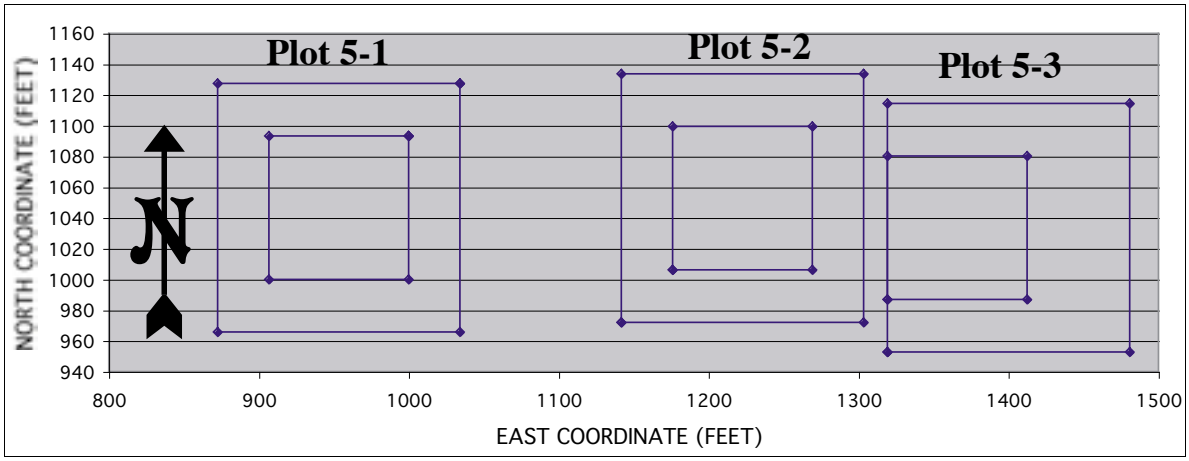
Site 5. Chualar, USGS Gonzales Quadrangle, Monterey County

Map of Plot Location

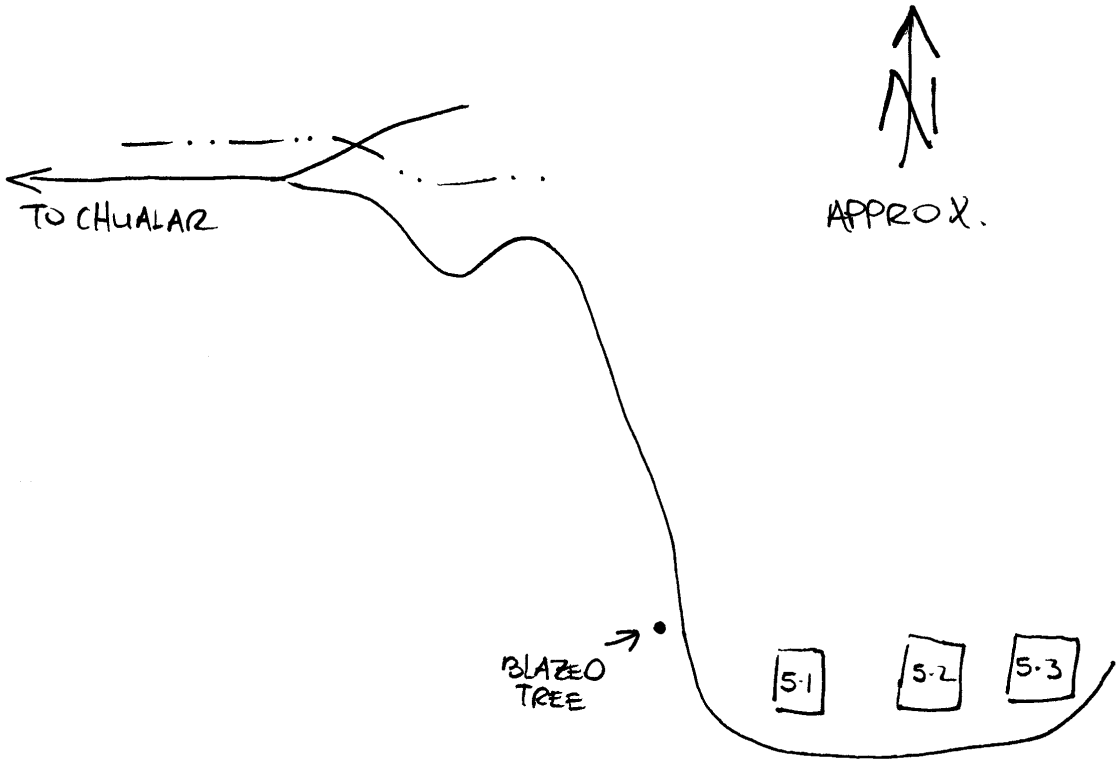
Inner area is one-fifth acre growth and yield plot (93.34' x 93.34').

Outer area is two-fifths acre SOD plot (161.67' x 161.67'). SOD observations are made in both the outer two-fifths and the inner one-fifth acre plots.

A local coordinate system was used to map plot location. The starting point is 1000N, 1000E and is at one of the corners in Plot 1.



SITE #5



Site Description & Information

Plot Number: 6-1 (Thinned to 50 square feet basal area)
Dates Measured: March 31, 1984, June, 1989, Not measured 1996, September 11,2001

1. Plot Identification

A. Quad Map: Watsonville, CA

B. Contact: Mr. Don Long, Castro Valley Ranch, P.O. Box 1588, Gilroy, CA (408-842-2808) home, (415) 326-6480 office

C. Photo ID: CDF ALL MO 23-12

D. Legal Description: Sec. 27, T 11 S, R 3 E, MDM.

E. Directions to Plots: Take Hwy 101 15 miles North from Salinas, CA. Pass Hwy 25 (exit to Hollister), look for sign "Gilroy 3 miles". Just after Gilroy sign is Gavilan Junior College sign on Castroville Rd. Take this exit. Go 0.5 miles to ranch gate. From gate go 2.4 miles the second cattle guard. After 2nd cattle guard bear left as road forks. From the fork in the road go 3 miles to entrance to ranch house, From the cattle guard at the ranch entrance take a right onto dirt road and go 1.7 miles to fork in the road. At fork in the road bear right and go 0.6 miles to end of road and the SE corner of plot 6-1.

continued

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	10				
B. (percent)	18				
C. Aspect (quadrant)	N 40 W				
D. Elevation (feet)	750				
E. Site Index (feet)	46.8				
F. Soil Type	Los Osos clay loam				
G. Stand Age (years)	33	33	38	45	N/M
H. Crown Cover (%)	95		60	N/M	15
I. Number of Trees/Ac	440	165	165	165	N/M
J. Basal Area (s.f./ac)	104	53	66	85	N/M
K. Volume (c.f./ac)	1997	1120	1719	2151	N/M
L. Average Spacing (ft)	9.9	16.2	16.2	16.2	N/M
M. Average Diameter (in) (tree dia. of Avg. BA)	6.6	7.7	8.7	9.7	N/M
N. Tallest Stand Element (tallest tree, ft.)	35	39	54	41	48
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	50	50	40	N/M	30
1) Poison Oak	100	100	70	N/M	30
2) Madrone	0	0	15	N/M	50
3) Coyote Bush	0	0	10	N/M	20
4) Coast Live Oak	0	0	5	N/M	0
Subtotal	100	100	100	N/M	100
B. Grasses & Forbs	15	15	5	N/M	55
C. Litter	35	35	55	N/M	15
D. Bare Ground or Rock	0	0	0	N/M	0
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	N/M	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

** This site was not measured in 1996 at the landowners request. N/M = not measured. Values are extrapolated values based on previous term growth.

Site Description & Information

Plot Number: 6-2 (Control plot)
Dates Measured: April 1, 1984, July, 1989, Not measured 1996, September 10,2001

1. Plot Identification

A. Quad Map: Watsonville, CA

B. Contact: Mr. Don Long, Castro Valley Ranch, P.O. Box 1588, Gilroy, CA (408-842-2808) home, (415) 326-6480 office

C. Photo ID: CDF ALL MO 23-12

D. Legal Description: Sec. 27, T 11 S, R 3 E, MDM.

E. Directions to Plots: From NE SOD corner of plot 6-1 go N34E, 115' to a point. Then go due North 160' to the SE SOD corner of plot 6-2.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	9				
B. (percent)	15				
C. Aspect (quadrant)	N 40 W				
D. Elevation (feet)	750				
E. Site Index (feet)	45				
F. Soil Type	Los Osos clay loam				
G. Stand Age (years)	49	49	54	61	N/M
H. Crown Cover (%)	92	92	90	N/M	30
I. Number of Trees/Ac	405	405	365	365	N/M
J. Basal Area (s.f./ac)	149	149	167	197	N/M
K. Volume (c.f./ac)	3653	3653	4899	5380	N/M
L. Average Spacing (ft)	10.4	10.4	10.9	10.9	N/M
M. Average Diameter (in) (tree dia. of Avg. BA)	8.2	8.2	9.2	9.9	N/M
N. Tallest Stand Element (tallest tree, ft.)	42	42	52	44	48
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	90	90	85	N/M	15
1) Poison Oak	98	98	85	N/M	25
2) Snowberry	1	1	5	N/M	30
3) Creambush	1	1	3	N/M	
4) Blackberry	0	0	2	N/M	
5) Bay Laurel	0	0	5	N/M	
6 baccharis	0	0	0	0	30
7 Sawtooth Goldenbush	0	0	0	0	10
8 Thistle	0	0	0	0	5
Subtotal	100	100	100	N/M	100
B. Grasses & Forbs	5	5	5	N/M	85
C. Litter	5	5	15	N/M	10
D. Bare Ground or Rock	0	0	0	N/M	0
4. Erosion (in percent)	0	0	0	N/M	0
A. Rills, Gully, Slides, Slumps :					

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

** This site was not measured in 1996 at the landowners request. N/M = not measured. Values are extrapolated based on previous terms growth.

Site Description & Information

Plot Number: 6-3 (Thinned to 100 square feet basal area)
Dates Measured: April 1, 1984, July, 1989, Not measured 1996, September 11, 2001

1. Plot Identification

A. Quad Map: Watsonville, CA

B. Contact: Mr. Don Long, Castro Valley Ranch, P.O. Box 1588, Gilroy, CA (408-842-2808) home, (415) 326-6480 office

C. Photo ID: CDF ALL MO 23-12

D. Legal Description: Sec. 27, T 11 S, R 3 E, MDM.

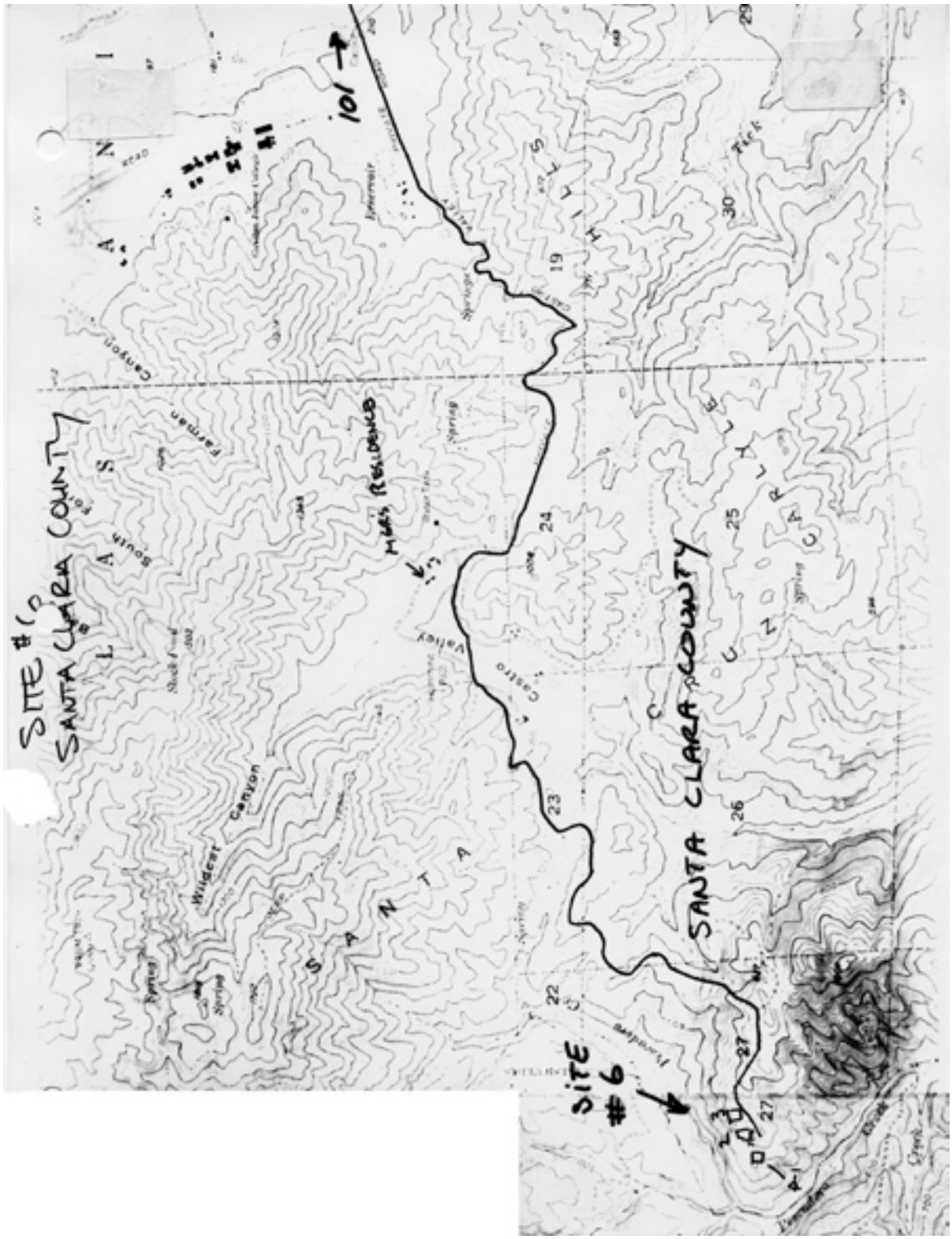
E. Directions to Plots: From the SE SOD corner of plot 6-2 go N46E, 30' to the SW SOD corner of plot 6-3.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	11				
B. (percent)	20				
C. Aspect (quadrant)	N 23 E				
D. Elevation (feet)	750				
E. Site Index (feet)	51				
F. Soil Type	Los Osos clay loam				
G. Stand Age (years)	41	41	46	53	N/M
H. Crown Cover (%)	90		80	N/M	20
I. Number of Trees/Ac	495	210	210	210	N/M
J. Basal Area (s.f./ac)	151	103	122	153	N/M
K. Volume (c.f./ac)	3239	2435	3522	4241	N/M
L. Average Spacing (ft)	9.4	14.4	14.4	14.4	N/M
M. Average Diameter (in) (tree dia. of Avg. BA)	7.5	9.5	10.3	11.6	N/M
N. Tallest Stand Element (tallest tree, ft.)	43	43	58	45	56
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	75	75	70	N/M	40
1) Poison Oak	98	98	80	N/M	20
2) Creambush	2	2	3	N/M	
3) Blackberry	0	0	10	N/M	10
4) Bay Laurel	0	0	7	N/M	
5) Mtn. Mohogany	0	0	0	N/M	15
6) Baccharis	0	0	0	N/M	20
7) Oak Sprouts	0	0	0	N/M	25
8) Madrone	0	0	0	N/M	10
Subtotal	100	100	100	N/M	100
B. Grasses & Forbs	2	2	10	N/M	85
C. Litter	23	23	20	N/M	10
D. Bare Ground or Rock	0	0	0	N/M	0
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	N/M	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

** This site was not measured in 1996 at the landowners request. N/M = not measured. Values are extrapolated based on previous terms growth.



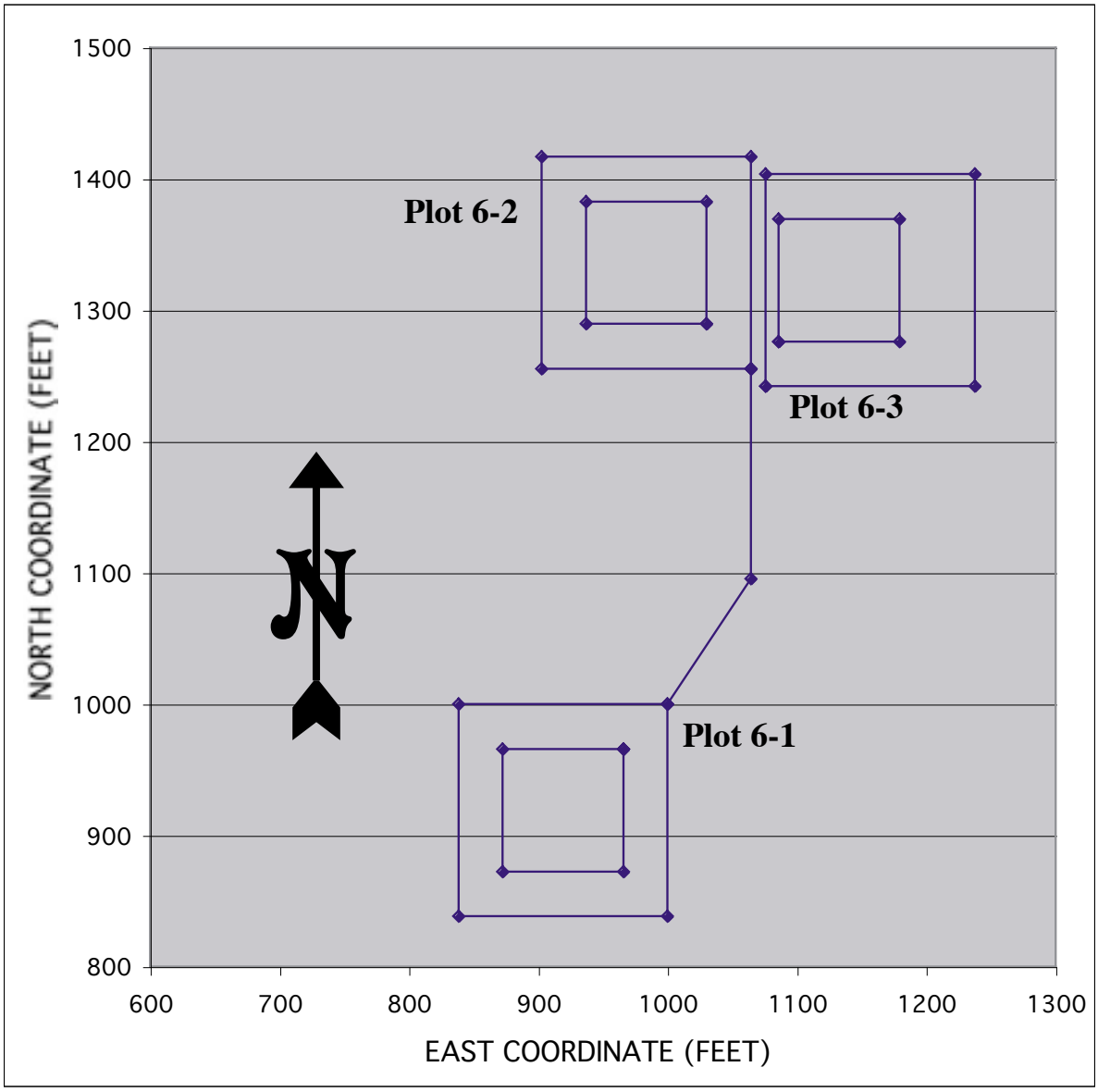
Site 6. Castro Valley Ranch, USGS Watsonville Quadrangle, Santa Clara County

Map of Plot Location

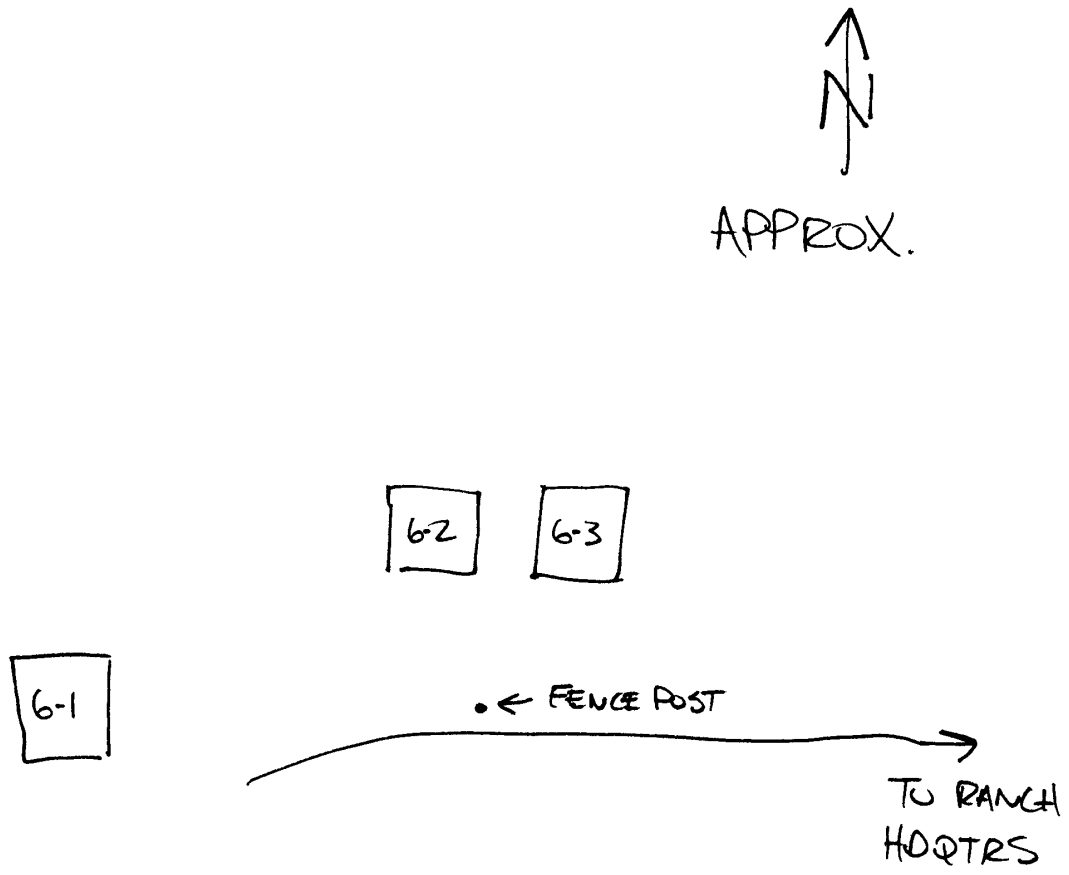
Inner area is one-fifth acre growth and yield plot (93.34' x 93.34').

Outer area is two-fifths acre SOD plot (161.67' x 161.67'). SOD observations are made in both the outer two-fifths and the inner one-fifth acre plots.

A local coordinate system was used to map plot location. The starting point is 1000N, 1000E and is at one of the corners in Plot 1.



SITE #6



Site Description & Information

Plot Number: 7-1 (Thinned to 100 square feet basal area)
Dates Measured: April 7, 1984, July, 1989, June 12, 1996, August 16, 2001

1. Plot Identification

A. Quad Map: Rana Creek

B. Contact: Mr. Paul Kephart, Rana Creek Ranch, Carmel Valley, CA. (408) 659-3811, cell phone (408) 594-5244, Kate (secretary) (408) 659-3820.

C. Photo ID: CDF-MONT-ALL 22-8

D. Legal Description: Land Grant (T 17 S, R 3 E, MDM)

E. Directions to Plots: From NW corner of plot 7-3 go due west 237' to wooden fence brace with nailed X on top of it. Then travel S 45 E, approx. 800' along fence line to wood fence post. From post go N 38 E, 10' to West corner of plot 7-1 (SOD tree 664).

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	6				
B. (percent)	11				
C. Aspect (quadrant)	N 83 W				
D. Elevation (feet)	1400				
E. Site Index (feet)	32				
F. Soil Type	Santa Lucia shaley clay loam				
G. Stand Age (years)	74	74	79	86	91
H. Crown Cover (%)	75		65	75	65
I. Number of Trees/Ac	300	175	175	170	165
J. Basal Area (s.f./ac)	123	97	102	106	111
K. Volume (c.f./ac)	2459	2099	2613	2592	2768
L. Average Spacing (ft)	12.0	15.8	15.8	16.0	16.2
M. Average Diameter (in) (tree dia. of Avg. BA)	8.7	10.1	10.3	10.7	11.1
N. Tallest Stand Element (tallest tree, ft.)	36	38	47	45	45
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	15	15	20	10	9
1) Mimulas	40	40	50	15	34
2) Ribes	35	35	30	15	33
3) Poison oak	24	24	20	10	33
4) Lonacera	1	0	0	0	0
5) Lotus	0	0	0	60	0
Subtotal	100	100	100	100	100
B. Grasses & Forbs	65	65	45	20	9
C. Litter	35	35	35	70	80
D. Bare Ground or Rock	0	0	0	0	2
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps : 0	0	0	0	0	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

Site Description & Information

Plot Number: 7-2 (Thinned to 50 square feet basal area)
Dates Measured: April 8, 1984, July, 1989, June 12, 1996, August 15, 2001

1. Plot Identification

A. Quad Map: Rana Creek

B. Contact: Mr. Paul Kephart, Rana Creek Ranch, Carmel Valley, CA. (408) 659-3811, cell phone (408) 594-5244, Kate (secretary) (408) 659-3820.

C. Photo ID: CDF-MONT-ALL 22-8

D. Legal Description: Land Grant (T 17 S, R 3 E, MDM)

E. Directions to Plots: From 7-1 North SOD corner go N 10 W approx. 50' to West SOD corner of 7-2.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	5				
B. (percent)	8				
C. Aspect (quadrant)	N 60 W				
D. Elevation (feet)	1400				
E. Site Index (feet)	32.1				
F. Soil Type	Santa Lucia shaley clay loam				
G. Stand Age (years)	89	89	94	101	106
H. Crown Cover (%)	75		50	50	45
I. Number of Trees/Ac	235	55	55	55	55
J. Basal Area (s.f./ac)	106	54	57	63	67
K. Volume (c.f./ac)	2322	1408	1604	1730	1911
L. Average Spacing (ft)	13.6	28.1	28.1	28.1	28.1
M. Average Diameter (in) (tree dia. of Avg. BA)	9.1	13.4	13.8	14.5	14.9
N. Tallest Stand Element (tallest tree, ft.)	40	44	44	46	46
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	15	15	12	13	10
1) Ribes	60	60	60	80	90
2) Poison oak	30	30	20	10	5
3) Mimulus	10	10	20	10	5
Subtotal	100	100	100	100	100
B. Grasses & Forbs	70	70	80	85	80
C. Litter	30	30	8	0	5
D. Bare Ground or Rock	0	0	0	2	5
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	0	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

Site Description & Information

Plot Number: 7-3 (Control plot)
Dates Measured: April 8, 1984, July, 1989, June 12, 1996, August 15, 2001

1. Plot Identification

A. Quad Map: Rana Creek

B. Contact: Mr. Paul Kephart, Rana Creek Ranch, Carmel Valley, CA. (408) 659-3811, cell phone (408) 594-5244, Kate (secretary) (408) 659-3820.

C. Photo ID: CDF-MONT-ALL 22-8

D. Legal Description: Land Grant (T 17 S, R 3 E, MDM)

E. Directions to Plots: From Salinas take highway 68 west to Luereles grade (G 20). Take a left on Luereles grade and follow it to Carmel Valley Road. Take a left on Carmel Valley Road and follow it East for approx. 9 miles to the first Rana Creek Ranch entrance on the left hand side of the road. This is the entrance to the ranch office, which is where the crew will need to check in at. Call ahead to get procedures for gaining entrance to the gate.

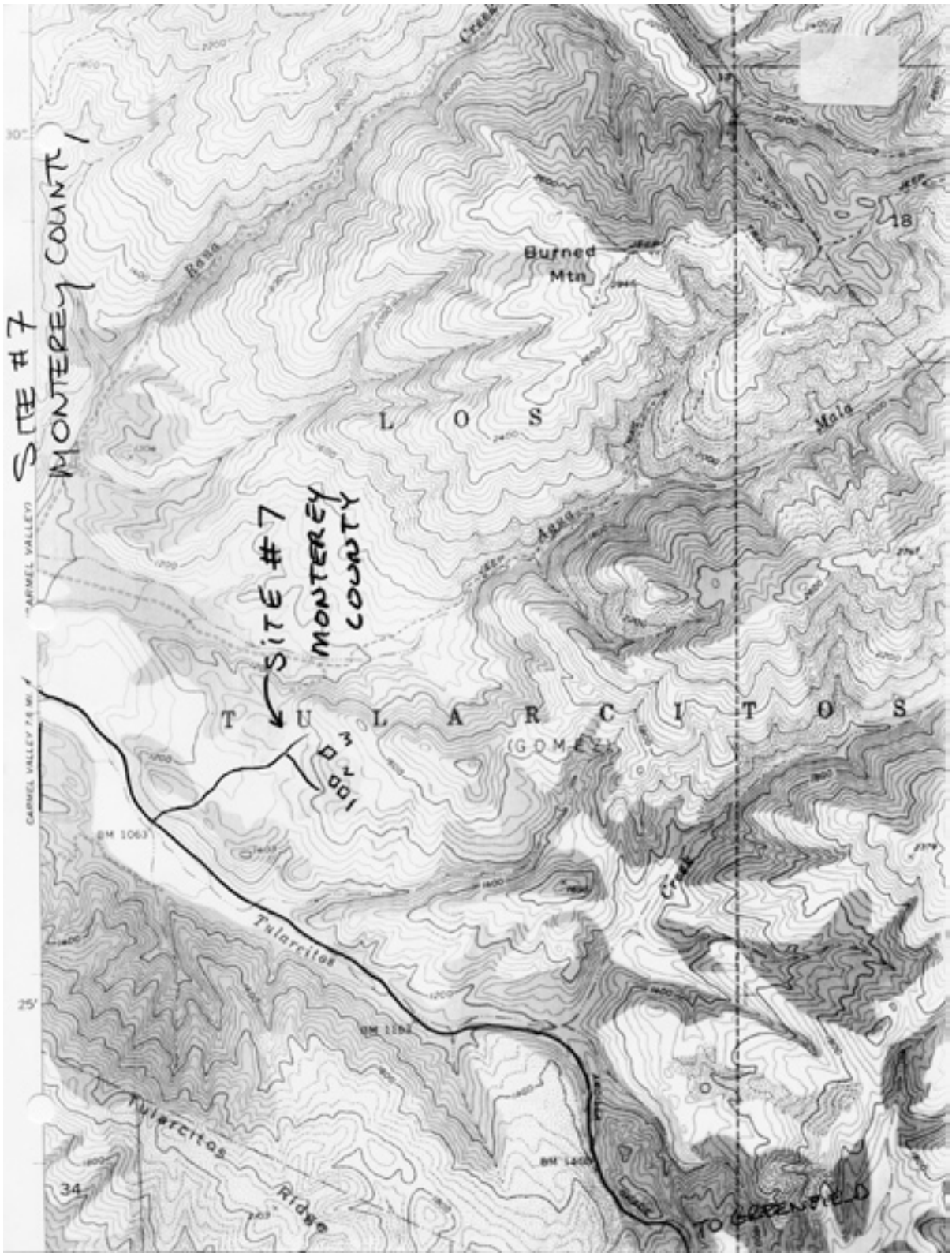
From the first gate take a left on Carmel Valley Road and travel East to the second Rana Creek Ranch entrance also on the left hand side of the road. From the gate follow the road to a fork. At the fork take a right and follow road past two houses on the right until you reach a cattle guard (after the cattle guard the road turns to dirt). Park off of the road at the cattle guard. From the cattle guard take the dirt road to the right through the barbwire gate. Follow the dirt road in a SE direction approx. 640' to the water tanks. From the wooden H brace (marked with a nailed X on top of the post) on the SE corner of the water tank parameter fence go N 5 W, 250' to the NW corner of plot 7-3.

continued

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	10				
B. (percent)	18				
C. Aspect (quadrant)	N 50 W				
D. Elevation (feet)	1400				
E. Site Index (feet)	33.5				
F. Soil Type	Santa Lucia shaley clay loam				
G. Stand Age (years)	80	80	94	101	97
H. Crown Cover (%)	80	80	80	90	75
I. Number of Trees/Ac	280	280	245	225	220
J. Basal Area (s.f./ac)	105	105	111	116	123
K. Volume (c.f./ac)	2195	2195	2764	2851	3144
L. Average Spacing (ft)	12.5	12.5	13.3	13.9	14.1
M. Average Diameter (in) (tree dia. of Avg. BA)	8.3	8.3	9.1	9.7	10.1
N. Tallest Stand Element (tallest tree, ft.)	40	44	47	55	55
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	35	35	20	50	10
1) Ribes	10	10	30	33	75
2) Poison oak	9	10	10	33	15
3) Bacharis	15	15	0	0	5
4) Red Berry	1	1	20	0	5
5) Mimulus	65	65	40	34	5
Subtotal	100	100	100	100	100
B. Grasses & Forbs	30	30	30	32	5
C. Litter	35	35	40	15	84
D. Bare Ground or Rock	0	0	0	3	1
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	0	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.



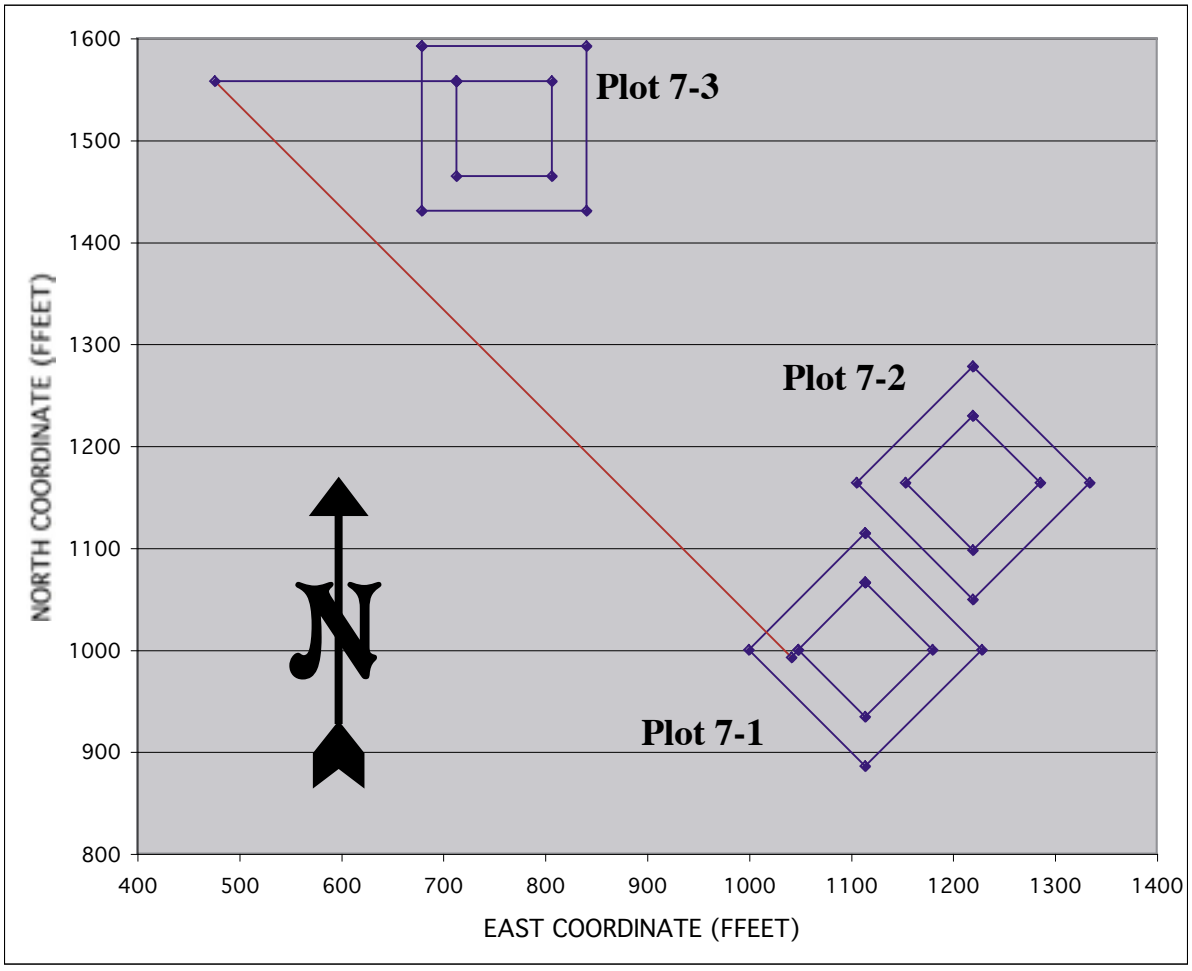
Site 7. Rana Creek Ranch, USGS Rana Creek Quadrangle, Monterey County

Map of Plot Location

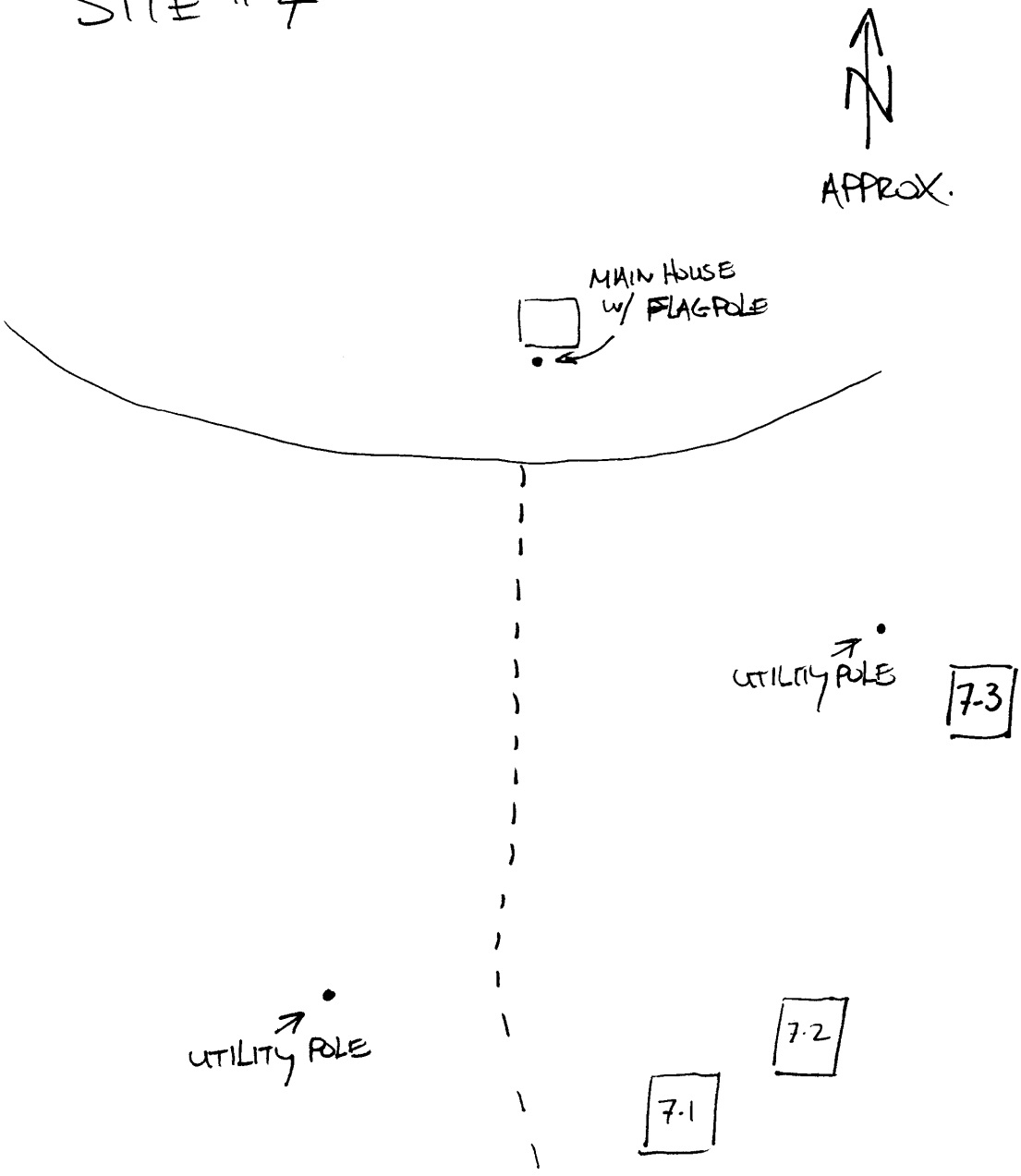
Inner area is one-fifth acre growth and yield plot (93.34' x 93.34').

Outer area is two-fifths acre SOD plot (161.67' x 161.67'). SOD observations are made in both the outer two-fifths and the inner one-fifth acre plots.

A local coordinate system was used to map plot location. The starting point is 1000N, 1000E and is at one of the corners in Plot 1.



SITE #7


N
APPROX.
MAIN HOUSE
W/ FLAGPOLE
UTILITY POLE
7-3
UTILITY POLE
7-2
7-1

Site Description & Information

Plot Number: 8-1 (Thinned to 100 square feet basal area)
Dates Measured: April 21, 1984, July, 1989, June 21, 1996, July 28, 2001

1. Plot Identification

A. Quad Map: Templeton, California

B. Contact: Dr. Ross Davis, 2000 Vineyard Drive, Templeton, CA (805-434-1021)

C. Photo ID: 1981 CDF-ALL-SL 18 19-21

D. Legal Description: T 27 S, R 11 E, MDM (no section number)

E. Directions to Plots: From NW SOD corner of plot 8-2 go S62E 190' to downhill side of SOD tree # 756 in plot 8-2. Then go S75E, 150' to NW SOD corner of plot 8-1.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	21				
B. (percent)	33				
C. Aspect (quadrant)	N 35 W				
D. Elevation (feet)	1080				
E. Site Index (feet)	55				
F. Soil Type	Linne-Calodo complex				
G. Stand Age (years)	71	71	76	83	88
H. Crown Cover (%)	100		65	80	70
I. Number of Trees/Ac	290	110	105	105	100
J. Basal Area (s.f./ac)	157	102	107	114	123
K. Volume (c.f./ac)	4836	3437	3776	3889	4438
L. Average Spacing (ft)	12.3	19.9	20.4	20.4	20.9
M. Average Diameter (in) (tree dia. of Avg. BA)	10.0	13.0	13.7	14.1	15.0
N. Tallest Stand Element (tallest tree, ft.)	66	61	65	62	65
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	95	95	80	70	95
1) Poison oak	40	40	50	95	97
2) Red Berry	10	10	10	0	0
3) Snowberry	50	50	40	5	3
Subtotal	100	100	100	100	100
B. Grasses & Forbs	0	0	10	10	2
C. Litter	5	5	10	20	3
D. Bare Ground or Rock	0	0	0	0	0
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	0	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

Site Description & Information

Plot Number: 8-2 (Thinned to 50 square feet basal area)
Dates Measured: April 21, 1984, July, 1989, June 21, 1996, July 29, 2001

1. Plot Identification

A. Quad Map: Templeton, California

B. Contact: Dr. Ross Davis, 2000 Vineyard Drive, Templeton, CA, 93422 (805-434-1021)

C. Photo ID: 1981 CDF-ALL-SL 18 19-21

D. Legal Description: T 27 S, R 11 E, MDM (no section number)

E. Directions to Plots: From SE SOD corner of plot 8-3 go S32W 120' to road then S08W, 70' to three way junction in road. From junction go S65E, 140' to NW SOD corner of plot 8-2.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	20				
B. (percent)	30				
C. Aspect (quadrant)	N 70 E				
D. Elevation (feet)	1080				
E. Site Index (feet)	55				
F. Soil Type	Linne-Calodo complex				
G. Stand Age (years)	75	75	80	87	92
H. Crown Cover (%)	85		30	30	40
I. Number of Trees/Ac	225	45	45	45	45
J. Basal Area (s.f./ac)	135	56	62	67	74
K. Volume (c.f./ac)	4385	2130	2359	2806	3247
L. Average Spacing (ft)	13.9	31.1	31.1	31.1	31.1
M. Average Diameter (in) (tree dia. of Avg. BA)	10.5	15.1	15.9	16.5	17.4
N. Tallest Stand Element (tallest tree, ft.)	68	66	70	76	82
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	95	95	80	80	85
1) Poison oak	85	85	85	90	95
2) Toyon	5	5	2	5	2
3) Snowberry	2	2	3	3	2
4) Red Berry	8	8	10	2	1
Subtotal	100	100	100	100	100
B. Grasses & Forbs	3	3	15	25	5
C. Litter	2	2	5	10	15
D. Bare Ground or Rock	0	0	0	0	0
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps : 0		0	0	0	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

Site Description & Information

Plot Number: 8-3 (Control plot)
Dates Measured: April 21, 1984, July, 1989, June 21, 1996, July 29, 2001

1. Plot Identification

A. Quad Map: Templeton, California

B. Contact: Dr. Ross Davis, 2000 Vineyard Drive, Templeton, CA, 93422 (805-434-1021)

C. Photo ID: 1981 CDF-ALL-SL 18 19-21

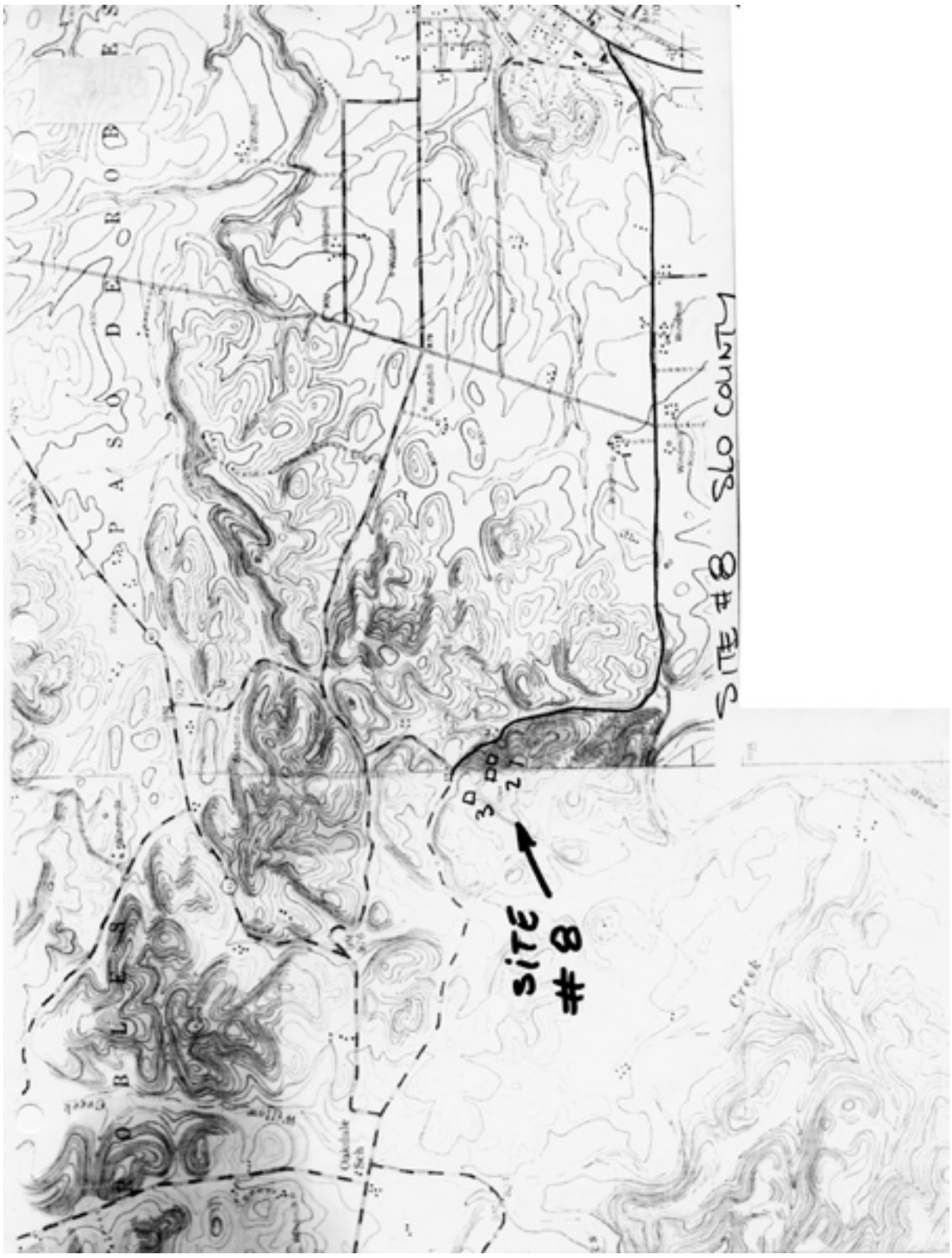
D. Legal Description: T 27 S, R 11 E, MDM (no section number)

E. Directions to Plots: Take Hwy 101 north from Atascadero, Calif., exit on Vineyard Drive, turn left (West). Drive about 2.5 miles to Turley Winery. From flag pole in front of winery go N76W, across road to braced fence post with nailed "X" on top. From braced fence post go S74W, 275' to NW SOD corner of plot 8-3.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	16				
B. (percent)	29				
C. Aspect (quadrant)	N 30 W				
D. Elevation (feet)	1100				
E. Site Index (feet)	49				
F. Soil Type	Linne-Calodo complex				
G. Stand Age (years)	73	73	80	87	90
H. Crown Cover (%)	85	85	85	85	85
I. Number of Trees/Ac	270	270	255	235	225
J. Basal Area (s.f./ac)	180	180	185	195	207
K. Volume (c.f./ac)	5574	5574	6593	6719	7407
L. Average Spacing (ft)	12.7	12.7	13.1	13.6	13.9
M. Average Diameter (in) (tree dia. of Avg. BA)	11.1	11.1	11.5	12.3	13.0
N. Tallest Stand Element (tallest tree, ft.)	59	62	73	70	72
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	75	75	85	80	96
1) Poison oak	95	95	95	95	95
2) Red Berry	5	5	5	5	5
Subtotal	100	100	100	100	100
B. Grasses & Forbs	10	10	3	15	2
C. Litter	15	15	12	10	2
D. Bare Ground or Rock	0	0	0	0	0
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps : 0		0	0	0	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.



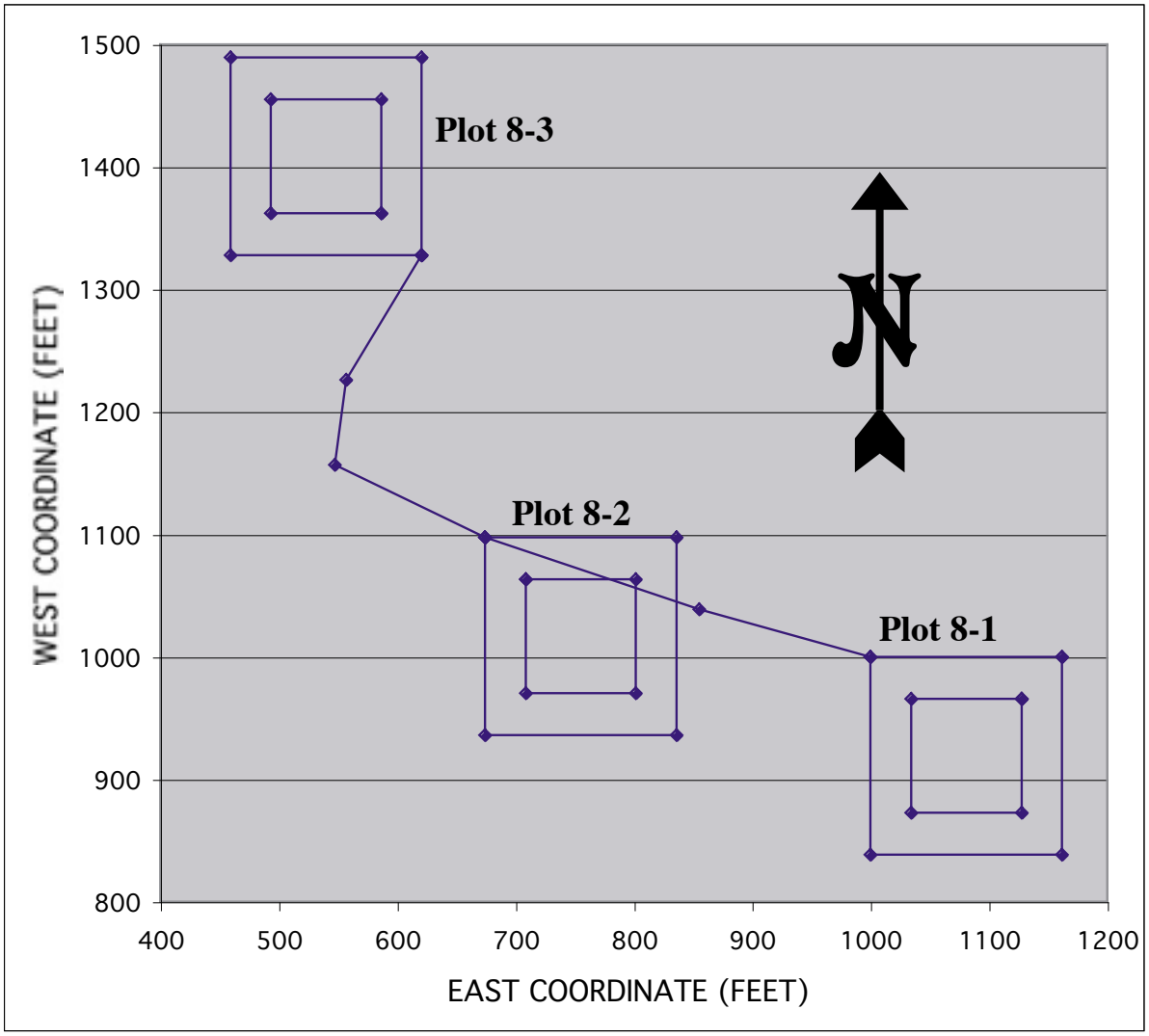
Site 8. Pesenti Winery, USGS Templeton Quadrangle, San Luis Obispo County

Map of Plot Location

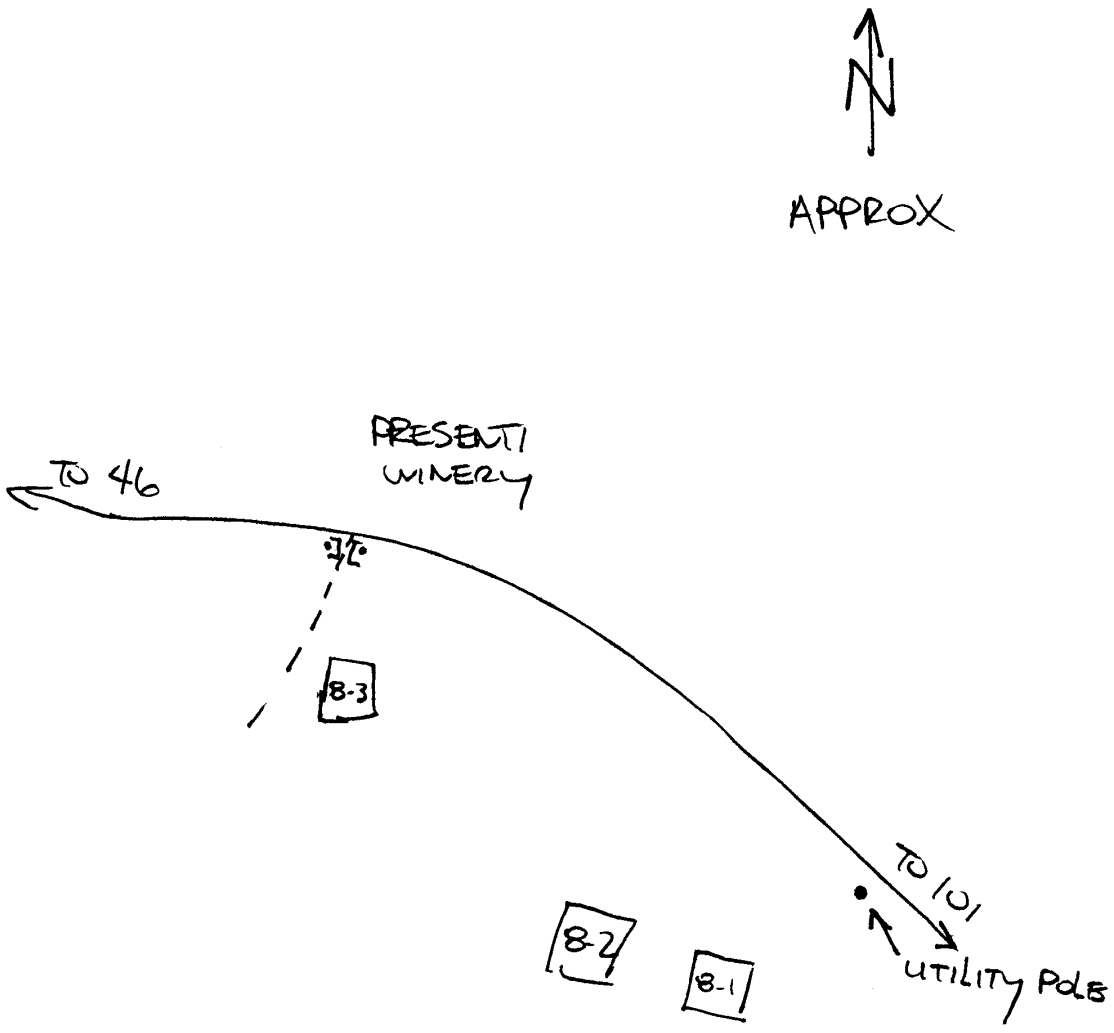
Inner area is one-fifth acre growth and yield plot (93.34' x 93.34').

Outer area is two-fifths acre SOD plot (161.67' x 161.67'). SOD observations are made in both the outer two-fifths and the inner one-fifth acre plots.

A local coordinate system was used to map plot location. The starting point is 1000N, 1000E and is at one of the corners in Plot 1.



SITE #8



Site Description & Information

Plot Number: 9-1 (Thinned to 100 square feet basal area)
Dates Measured: April 13, 1984, August, 1989, June 25, 1996, July 6, 2001

1. Plot Identification

A. Quad Map: Morro Bay South, California

B. Contact: Allan or Cory Periera, Rt. 1 Box 244, Perfumo Canyon Rd., San Luis Obispo, CA, 93405, (805) 595-2005.

C. Photo ID: CDF AL SL 18 17-6

D. Legal Description: NW 1/4, SW 1/4, Sec. 4, T 31 S, R ll E, MDM.

E. Directions to Plots: Traveling west on Los Ossos Valley road from the 101 freeway turn left onto Perfumo Canyon Road. Follow Perfumo Canyon Road for 5.8 miles then turn right into ranch entrance just past the peak of the mountain. There is a locked gate at the entrance and a combination will need to be obtained from the land owners before gaining access. From gate travel 0.9 miles past white trailer and house on the right to the second gate (green gate). Bear left as the road forks just past gate. From the second gate travel down into canyon 1.7 miles then make a hard switchback turn to the left into creek bed. From the turn travel 0.2 miles to second creek crossing and trailhead.

The trail head is on the left side of the road and starts on the left bank of the creek while facing the creek from the road (looking due east). From the trail head the trail climbs up a steep embankment and travels in a due east direction for approx. 220' to first stream crossing. After crossing stream take the middle trail (trail that is directly across stream & traveling in same approx. Direction). Follow trail approx. 350' to second stream crossing. After crossing stream take the middle trail for approx. 700' to SOD tree 124 in plot 9-1. From tree 124 go S18 E, 30' to SE corner (SOD tree 135) of plot 9-1.

continued

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	11				
B. (percent)	20				
C. Aspect (quadrant)	S 14 E				
D. Elevation (feet)	860				
E. Site Index (feet)	44				
F. Soil Type	Lopez-rock outcrop complex				
G. Stand Age (years)	87	87	92	99	104
H. Crown Cover (%)	95		80	85	50
I. Number of Trees/Ac	90	45	45	45	45
J. Basal Area (s.f./ac)	166	98	104	111	118
K. Volume (c.f./ac)	5472	3334	3743	4336	4709
L. Average Spacing (ft)	22.0	31.1	31.1	31.1	31.1
M. Average Diameter (in) (tree dia. of Avg. BA)	18.4	20.0	20.6	21.3	21.9
N. Tallest Stand Element (tallest tree, ft.)	58	58	61	65	68
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	95	95	80	90	95
1) Poison Oak	90	90	80	75	80
2) Bacharis	5	5	10	15	40
3) Rubus	1	1	1	5	15
4) Coffeeberry	4	4	9	5	1
Subtotal	100	100	100	100	100
B. Grasses & Forbs	5	5	20	20	5
C. Litter	0	0	0	0	5
D. Bare Ground or Rock	0	0	0	0	0
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	0	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

Site Description & Information

Plot Number: 9-2 (Thinned to 50 square feet basal area)
Dates Measured: April 29, 1984, August, 1989, June 25, 1996, July 7, 2001

1. Plot Identification

A. Quad Map: Morro Bay South, California

B. Contact: Allan or Cory Periera, Rt. 1 Box 244, Perfumo Canyon Rd., San Luis Obispo, CA, 93405, (805) 595-2005.

C. Photo ID: CDF AL SL 18 17-6

D. Legal Description: NW 1/4, SW 1/4, Sec. 4, T 31 S, R ll E, MDM.

E. Directions to Plots: From NE corner of plot 9-1, N 32 W, 53.3' (slope distance) to SE corner of plot 9-2.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	14				
B. (percent)	25				
C. Aspect (quadrant)	S 20 E				
D. Elevation (feet)	880				
E. Site Index (feet)	36				
F. Soil Type	Lopez-rock outcrop complex				
G. Stand Age (years)	82	82	87	94	99
H. Crown Cover (%)	80		45	40	35
I. Number of Trees/Ac	105	40	40	40	40
J. Basal Area (s.f./ac)	152	78	85	90	104
K. Volume (c.f./ac)	4419	2450	2900	3156	3760
L. Average Spacing (ft)	20.4	33.0	33.0	33.0	33.0
M. Average Diameter (in) (tree dia. of Avg. BA)	16.3	18.9	19.7	20.3	21.8
N. Tallest Stand Element (tallest tree, ft.)	44	44	50	50	50
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	50	50	70	75	85
1) Bacharis	3	3	11	10	5
2) Red Berry	1	1	2	2	2
3) Coffeeberry	3	3	3	5	1
4) Poison Oak	83	83	70	80	85
5) Lupinus	1	1	8	2	0
6) Blk Sage	8	8	3	0	5
7) Deerweed	1	1	1	1	1
8) Pampas Grass	0	0	2	0	0
Subtotal	100	100	100	100	100
B. Grasses & Forbs	45	45	25	20	10
C. Litter	5	5	5	10	5
D. Bare Ground or Rock	0	0	0	0	0
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	0	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

Site Description & Information

Plot Number: 9-3 (Control plot)
Dates Measured: April 29, 1984, August, 1989, June 25, 1996, July 8, 2001

1. Plot Identification

A. Quad Map: Morro Bay South, California

B. Contact: Allan or Cory Periera, Rt. 1 Box 244, Perfumo Canyon Rd., San Luis Obispo, CA, 93405, (805) 595-2005.

C. Photo ID: CDF AL SL 18 17-6

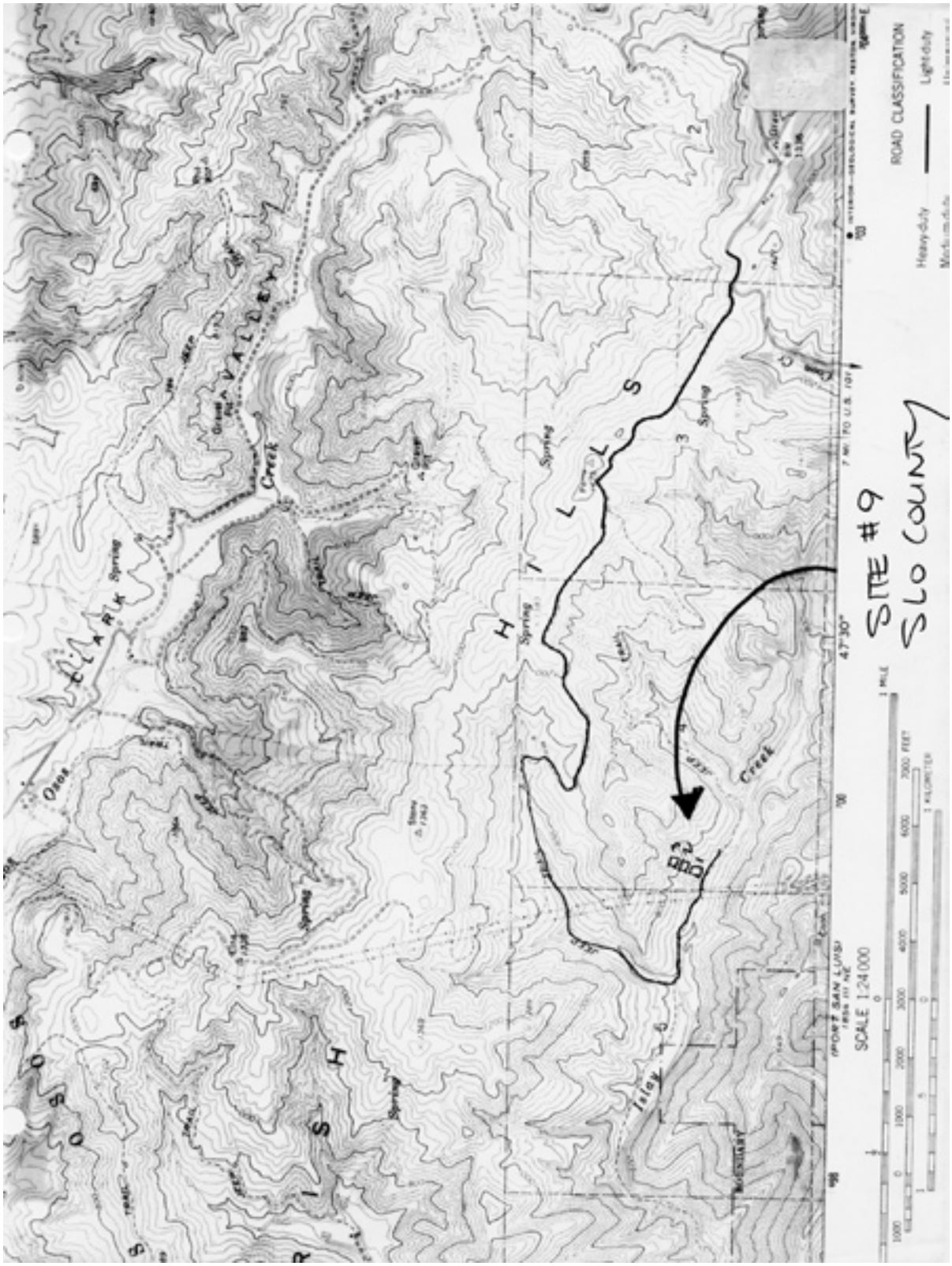
D. Legal Description: NW 1/4, SW 1/4, Sec. 4, T 31 S, R ll E, MDM.

E. Directions to Plots: From NW corner of plot 9-2, go N 26 W, 64.5' (slope distance) to SW corner of plot 9-3.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	12				
B. (percent)	22				
C. Aspect (quadrant)	N 10 W				
D. Elevation (feet)	900				
E. Site Index (feet)	38				
F. Soil Type	Lopez-rock outcrop complex				
G. Stand Age (years)	86	86	91	98	103
H. Crown Cover (%)	85	85	75	70	60
I. Number of Trees/Ac	150	150	135	135	135
J. Basal Area (s.f./ac)	191	191	177	181	184
K. Volume (c.f./ac)	5581	5581	5721	6281	6341
L. Average Spacing (ft)	17.0	17.0	18.0	17.9	17.9
M. Average Diameter (in) (tree dia. of Avg. BA)	15.3	15.3	15.5	15.7	15.8
N. Tallest Stand Element (tallest tree, ft.)	49	49	54	63	65
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	80	80	60	70	70
1) Poison Oak	94	94	80	70	85
2) Coffeeberry	2	2	2	8	2
3) Lupinus	2	2	5	8	0
4) Bacharis	2	2	3	9	8
5) Pampas Grass	0	0	10	5	0
Subtotal	100	100	100	100	100
B. Grasses & Forbs	20	20	20	25	15
C. Litter	0	0	20	20	5
D. Bare Ground or Rock	0	0	0	0	3
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	0	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.



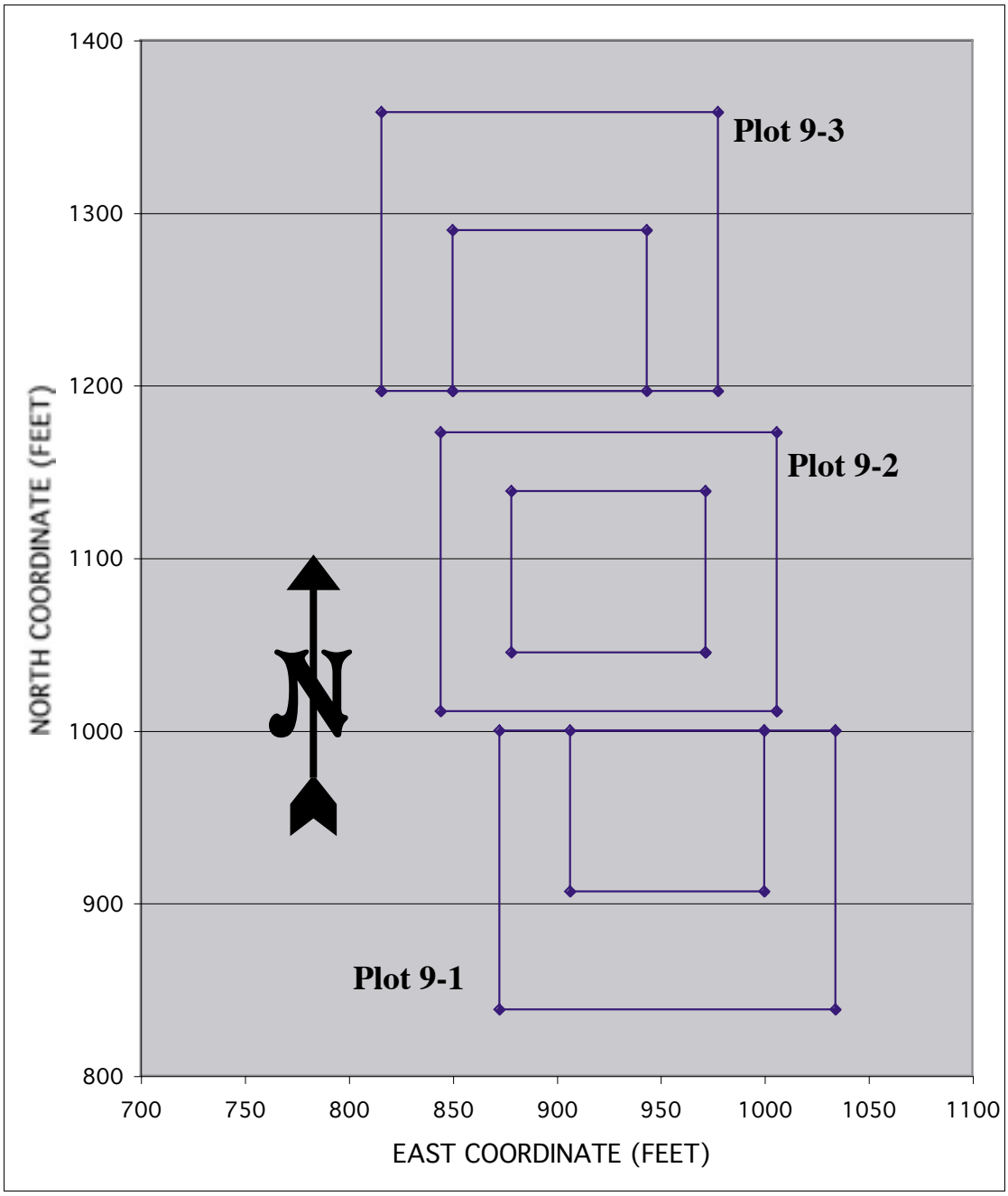
Site 9. Prefumo Canyon, USGS Morro Bay South Quadrangle, San Luis Obispo County

Map of Plot Location

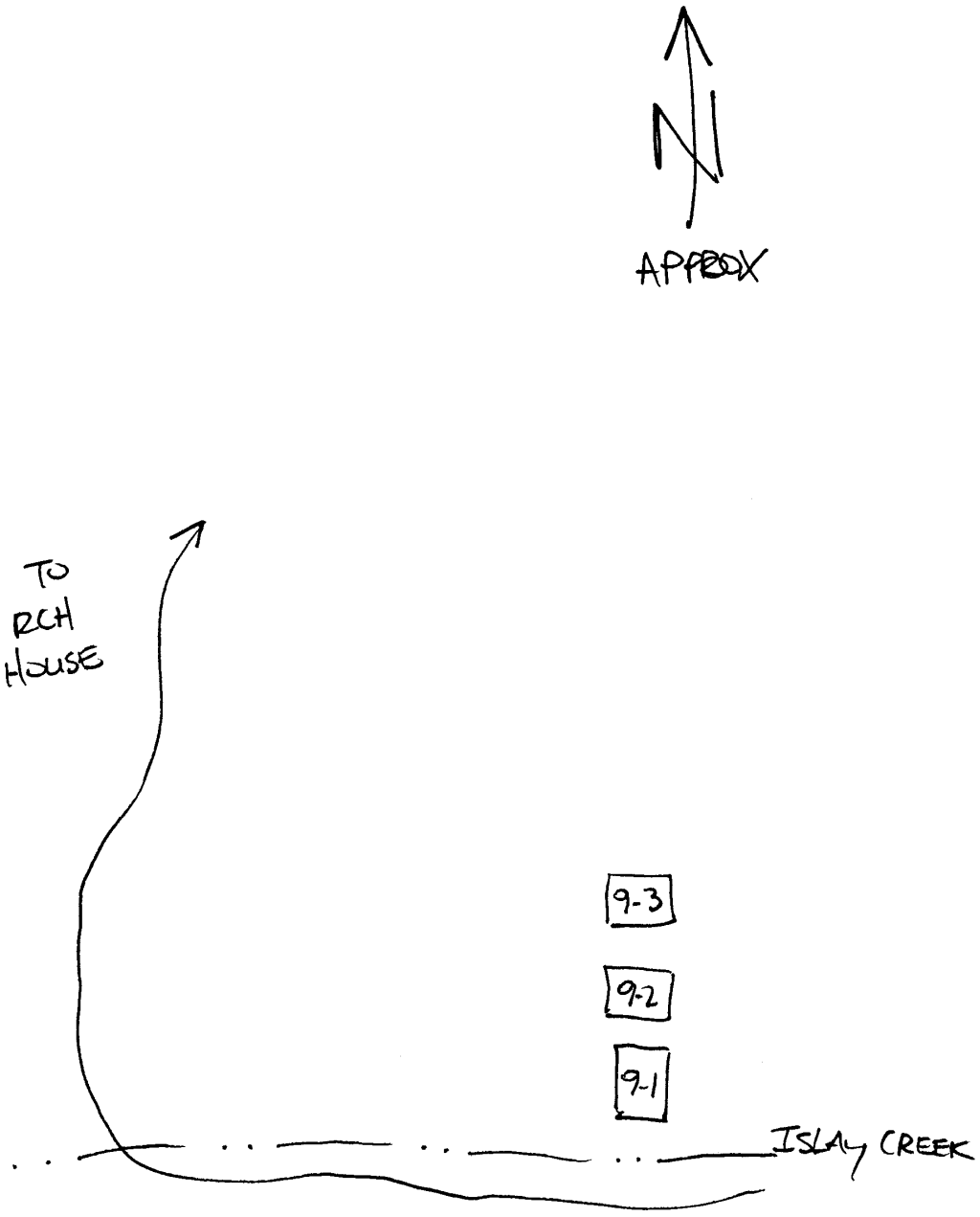
Inner area is one-fifth acre growth and yield plot (93.34' x 93.34').

Outer area is two-fifths acre SOD plot (161.67' x 161.67'). SOD observations are made in both the outer two-fifths and the inner one-fifth acre plots.

A local coordinate system was used to map plot location. The starting point is 1000N, 1000E and is at one of the corners in Plot 1.



SITE #9



* NOTE - SEEK GUIDANCE TO SITE FROM CORY OR ALLEN PEREIRA

Site Description & Information

Plot Number: 10-1 (Thinned to 50 square feet basal area)
Dates Measured: July 3, 1984, Aug 22, 1989, July 4, 1990, May 25, 1996, July 27, 2001

1. Plot Identification

A. Quad Map: Tar Springs Ridge, CA

B. Contact: Ken Glick, Brazil Properties. (805) 544-3282 (office) and (805) 544-1766 (home).

C. Photo ID: 1981 CDF SL 31-10

D. Legal Description: SE 1/4, NE 1/4, Sec. 29, T 31 S, R 14 E, MDM.

E. Directions to Plots: From SE corner of plot 10-2, go N 58 E, 80' to SW corner of plot 10-1.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	8				
B. (percent)	14				
C. Aspect (quadrant)	N 72 E				
D. Elevation (feet)	780				
E. Site Index (feet)	42				
F. Soil Type	Santa Lucia shaley clay loam				
G. Stand Age (years)	54	55	59	66	71
H. Crown Cover (%)	90		75	50	45
I. Number of Trees/Ac	290	55	50	55	60
J. Basal Area (s.f./ac)	125	52	51	64	77
K. Volume (c.f./ac)	3027	1385	1263	1837	2369
L. Average Spacing (ft)	12.3	28.1	29.5	28.1	26.9
M. Average Diameter (in) (tree dia. of Avg. BA)	8.9	13.2	13.6	14.6	15.3
N. Tallest Stand Element (tallest tree, ft.)	42	43	48	50	50
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	20	20	5	30	30
1) Toyon	80	80	80	0	0
2) Ribes	5	5	15	13	5
3) Bacharis	5	5	0	7	2
4) Poison oak	10	10	5	80	75
5) Monkeyflower					8
Subtotal	100	100	100	100	100
B. Grasses & Forbs	30	30	15	70	50
C. Litter	90	90	80	30	20
D. Bare Ground or Rock	0	0	0	0	0
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps : 0		0	0	0	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

Site Description & Information

Plot Number: 10-2 (Control Plot)
Dates Measured: July 3, 1984, Aug 22, 1989, July 4, 1990, May 25, 1996, July 26, 2001

1. Plot Identification

A. Quad Map: Tar Springs Ridge, CA

B. Contact: Ken Glick, Brazil Properties. (805) 544-3282 (office) and (805) 544-1766 (home).

C. Photo ID: 1981 CDF SL 31-10

D. Legal Description: SE 1/4, NE 1/4, Sec. 29, T 31 S, R 14 E, MDM.

E. Directions to Plots: From San Luis Obispo take Hwy 227 south. Left at Biddle Ranch Rd., right on Orcutt Rd. Proceed on Orcutt, then turn left on Lopez Drive and proceed to first ranch home after the Grieb Ranch (this is also the last residence before Lopez Dam). Follow ranch road to plots (see attached maps).

From the gate (call for combination) proceed uphill 1.1 miles to a 180 degree right hand turn. Turn and go downhill, staying to the left forks, .9 miles to the stand. Find coast live oak tree blazed at about 5'. Look SW and about 40' from turn in loop road to locate blazed tree. Call to arrange entrance onto property.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	7				
B. (percent)	13				
C. Aspect (quadrant)	N 72 E				
D. Elevation (feet)	780				
E. Site Index (feet)	44				
F. Soil Type Santa Lucia shaley clay loam					
G. Stand Age (years)	65	65	70	77	82
H. Crown Cover (%)	85	85		65	60
I. Number of Trees/Ac	210	210	150	130	125
J. Basal Area (s.f./ac)	153	153	145	133	146
K. Volume (c.f./ac)	4057	4057	4413	3756	4205
L. Average Spacing (ft)	14.3	14.3	17.0	18.3	18.7
M. Average Diameter (in) (tree dia. of Avg. BA)	11.2	11.2	13.3	13.7	14.6
N. Tallest Stand Element (tallest tree, ft.)	49	49	53	58	59
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	20	20	5	30	15
1) Toyon	15	15	80	0	0
2) Ribes	0	0	10	0	0
3) Poison Oak	10	10	10	73	94
4) Lupinus	20	20	0	5	2
5) Baccharus	0	0	0	2	2
6) Lotus	0	0	0	15	2
7) Mimulus	0	0	0	5	0
Subtotal	100	100	100	100	100
B. Grasses & Forbs	20	20	10	70	10
C. Litter	90	90	85	30	70
D. Bare Ground or Rock	0	0	0	0	0
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps :	0	0	0	0	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.

Site Description & Information

Plot Number: 10-3 (Thinned to 100 square feet basal area)
Dates Measured: July 3, 1984, Aug 22, 1989, July 4, 1990, May 25, 1996, July 27, 2001

1. Plot Identification

A. Quad Map: Tar Springs Ridge, CA

B. Contact: Ken Glick, Brazil Properties. (805) 544-3282 (office) and (805) 544-1766 (home).

C. Photo ID: 1981 CDF SL 31-10

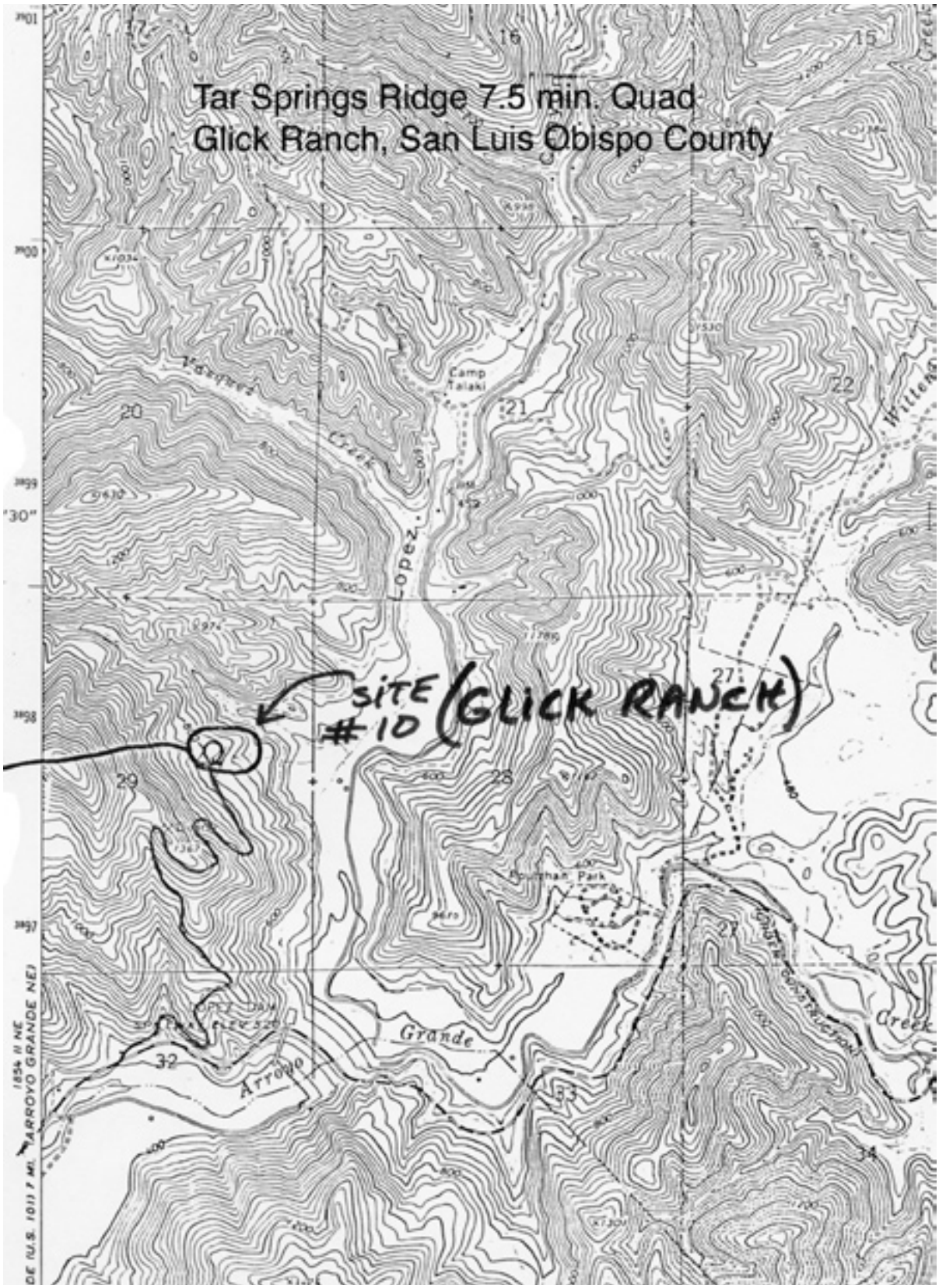
D. Legal Description: SE 1/4, NE 1/4, Sec. 29, T 31 S, R 14 E, MDM.

E. Directions to Plots: From NE corner of plot 10-2, go N 62 W, 70' to locate SE corner of plot.

2. Site & Stand Characteristics	1984 1st	1984 Thin	1989 2nd	1996 3rd	2001 4th
A. Slope (degrees)	13				
B. (percent)	23				
C. Aspect (quadrant)	N 38 E				
D. Elevation (feet)	780				
E. Site Index (feet)	41				
F. Soil Type Santa Lucia shaley clay loam					
G. Stand Age (years)	63	63	68	75	80
H. Crown Cover (%)	95		95	60	35
I. Number of Trees/Ac	505	100	100	95	95
J. Basal Area (s.f./ac)	203	102	110	112	123
K. Volume (c.f./ac)	5247	3024	3548	3497	4003
L. Average Spacing (ft)	9.3	20.9	20.9	21.4	21.4
M. Average Diameter (in) (tree dia. of Avg. BA)	8.6	13.7	14.2	14.7	15.4
N. Tallest Stand Element (tallest tree, ft.)	44	54	59	60	60
3. Understory Vegetation (in percent*)					
A. Woody Shrubs	20	20	10	15	10
1) Toyon	85	85	90	2	0
2) Ribes	2	2	5	5	5
3) Poison Oak	13	13	5	35	45
4) Baccharus	0	0	0	8	15
5) Lotus	0	0	0	50	35
Subtotal	100	100	100	100	100
B. Grasses & Forbs	0	0	10	80	60
C. Litter	80	80	80	25	30
D. Bare Ground or Rock	0	0	0	0	0
4. Erosion (in percent)					
A. Rills, Gully, Slides, Slumps : 0		0	0	0	0

1st = 1st inventory (initial stand data, unthinned), Thin = After thinning (immediately following cutting), 2nd = 2nd inventory (1989 stand data), 3rd = 3rd inventory (1996 stand data), 4th = 4th inventory (2001 data).

* Totals of major understory vegetation categories often exceed 100% due to more than one vegetation layer.



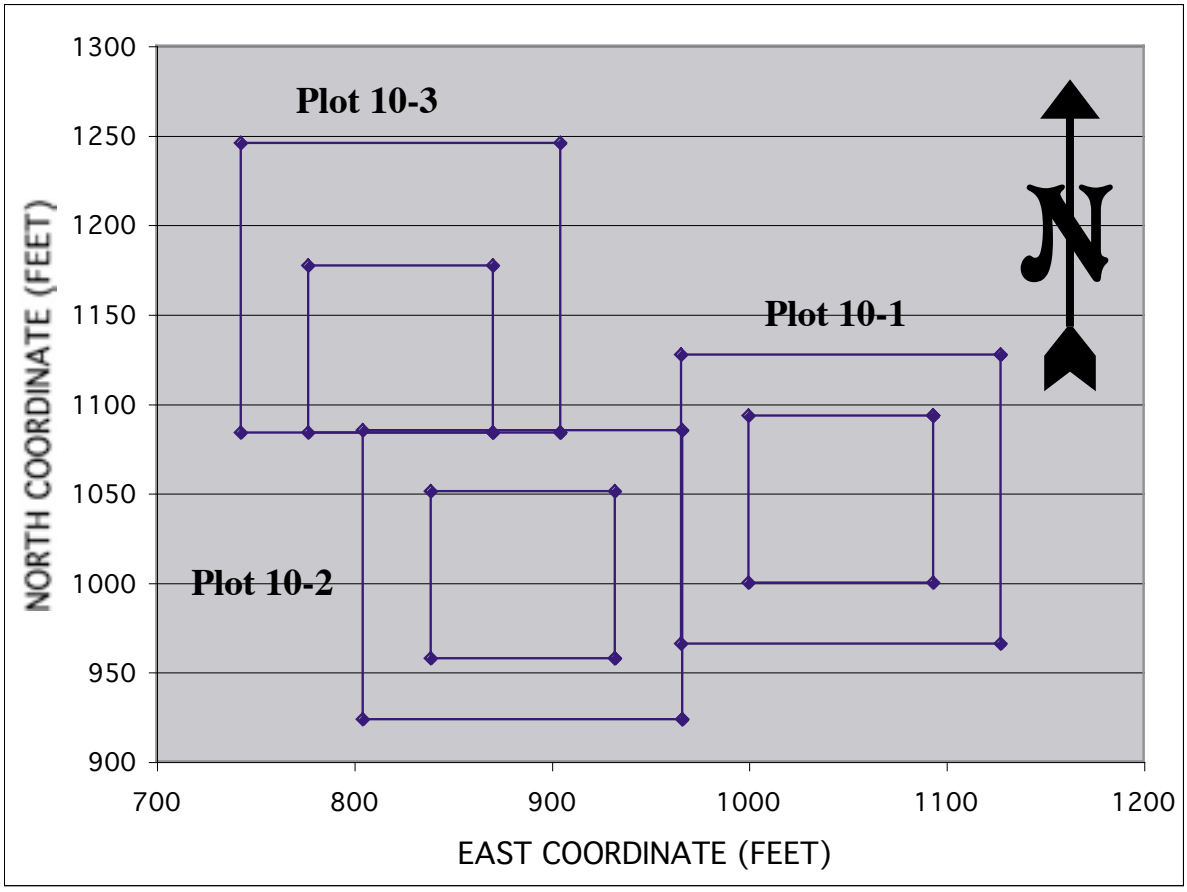
Site 10. Lopez Lake, USGS Tar Springs Ridge Quadrangle, San Luis Obispo County

Map of Plot Location

Inner area is one-fifth acre growth and yield plot (93.34' x 93.34').

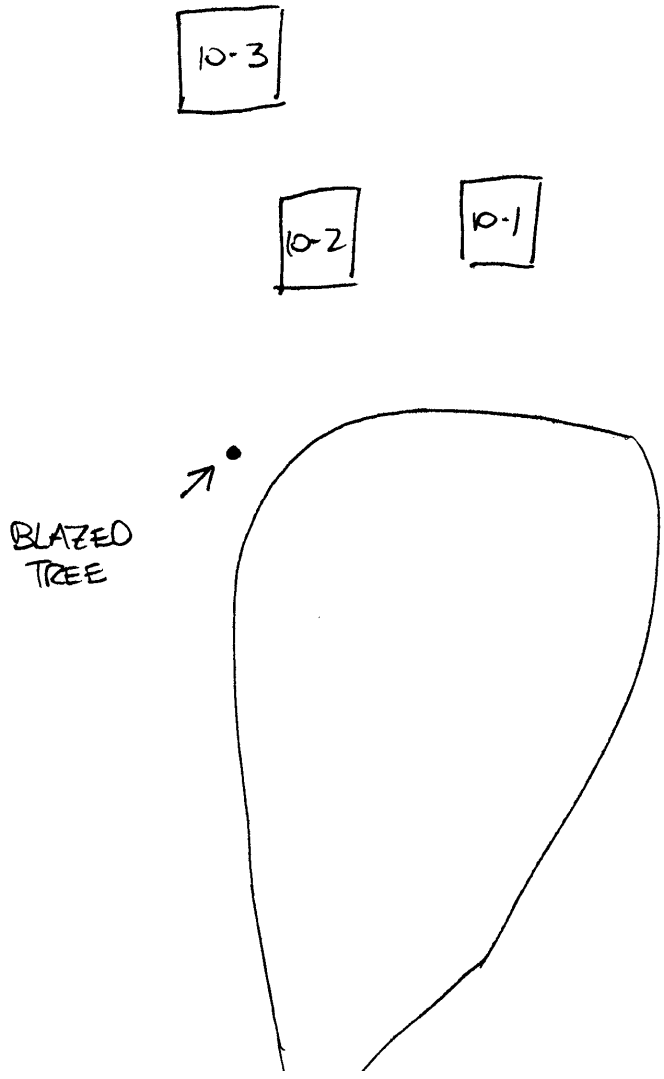
Outer area is two-fifths acre SOD plot (161.67' x 161.67'). SOD observations are made in both the outer two-fifths and the inner one-fifth acre plots.

A local coordinate system was used to map plot location. The starting point is 1000N, 1000E and is at one of the corners in Plot 1.



SITE # 10

APPROX.



Appendix G

Computer Program Listings Used To Develop
Stand And Stock Tables And Stem Maps

ACCUMULATOR

‘1. Next, run Future Basic program and change Destination from “Printer” to “File”,
‘When prompted

a) Save in Dia Distr DEF Files/ ACCUM DATA folder
b) Save filename as: Year.treatment.total (e.g., 2001.100sf.Total)
c) Run Basic twice (2001.100sf./Res)

2. Manually converting to Excel file format
a) From Excel, OPEN DEF files and set column fomatting, sorted the Dia class column, stripped bottom junk
b) Saved As: same name (2001.100sf./Total), but not as Text, but as regular Excel file, which replacing the DEF file.
c) Do same for Res file

3. Open both files (2001.100sf..Total, 2001.100sf..Res), and Open the file named “Heading Template”

4. Before running the Excel macro in step 5
‘ b) Change code as needed: StartRow:=816 or 820, folder names (CLO 2001 Files 4/11/2002), Skip first section or not (FILENAME label), etc.

5. Run the Excel Macro named “Converts DEF 2 to Excel, PRINTS”
‘ Select Res file first and Total File second.
‘ Follow directions
‘ File is automatically saved as: “2001.100sf..TotalA” in folder named: “Living Tree Anal.2001/ Macro has been _R_un”
‘ This macro merges Total, Res and Ingrowth onto one sheet.

‘5. When macro finishes, do the following:
‘Insert Table Number, e.g., A1
‘Insert Site and Plot Number, e.g., 2-3
‘Insert thinning treatment, e.g., 50, 100 or Control
‘Erase bottom line
‘SAVE Changes

‘Close Total file, and Res file WITHOUT saving

```
'////////////////////////////////////////////////////////////////////////
'/                                                   /
'/  COAST LIVE OAK STAND AND STOCK TABLE & STEM MAP PROGRAM... v. 8.0   /
'/                                                   /
'/                  by Norman H. Pillsbury                  /
'/                                                   /
'/                    December 11, 2001                  /
'/                                                   /
'////////////////////////////////////////////////////////////////////////
WINDOW 1
REM: Make sure that Preferences precision IS DOUBLE.

REM:  A(array) must be set to the maximum number of rows & columns
REM:    in the input files.  Last column is zeros.
REM:    Change number of columns 12 lines after the "ZERO" label also.
DIM A(167,31), E$(30),E(30), I(30)
DIM D(24):DIM B$(10):DIM C$(30)
DIM M(24,38), N(24,38), O(24,38)

REM: A is master (input) array; M is Stand Table Array; N is BA array
REM: O is Volume array; D is stock table sums, B$ is number format array
REM: E$ is plot name & no. of trees/plot array (1-1)
REM: C$ is plot ID array (e.g., "1-2 Control Plot")
REM: I array is Ingrowth

REM: Statements at labels "x", "x.1", "w" and "w.1" must be changed (see note).

REM:  Use Monoco FONT, SIZE 9.
GOSUB "C":GOSUB "E"
REM:BREAK ON

"SETUP":
CLS:PRINT

INVENT=0
PRINT "What Component of the Inventory do you want?"
PRINT "Total Inventory = 1"
PRINT "Residual Inventory = 2"
PRINT "Ingrowth Inventory = 3"
INPUT "Enter Number, 1, 2 or 3         ";INVENT:PRINT:PRINT

PRINT "DO YOU WANT TO PRINT STAND & STOCK TABLES = 1, or"
PRINT "DO YOU WANT TO PRINT STEM MAPS =2"
INPUT "ENTER NUMBER, 1 or 2   ";S:PRINT:PRINT
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```
00045
00046 PRINT “1 = 1984 (Initial Inventory)”
00047 PRINT “2 = 1984 (Inventory after first thinning)”
00048 PRINT “3 = 1989 (Five-year Inventory)”
00049 PRINT “4 = 1996 (Twelve-year Inventory)”
00050 PRINT “5 = 2001 (Seventeen-year Inventory)”
00051 PRINT
00052 INPUT “WHICH YEAR? (enter a 1,2,3,4 or 5...  “;YEAR
00053 PRINT
00054 PRINT
00055 INPUT “Table or Figure (number or letter)?”;A$
00056
00057 IF YEAR=1 THEN YEAR=1984:F$=”Initial Inventory - 1984”:GOSUB “1984”:GOTO
“A”
00058 IF YEAR=2 THEN YEAR=1984:CUT=1:F$=”Inventory after first thinning - 1984”:
GOSUB “1984”:GOTO “A”
00059 IF YEAR=3 THEN YEAR=1989:GOSUB “1989”:F$=”Five-year Inventory - 1989”:
GOTO “A”
00060 IF YEAR=4 THEN YEAR=1996:GOSUB “1996”:F$=”Twelve-year Inventory - 1996”:
GOTO “A”
00061 IF YEAR=5 THEN YEAR=2001:GOSUB “2001”:F$=”Seventeen-year Inventory -
2001”:GOTO “A”
00062 DELAY 2000:STOP
00063
00064
00065 REM:  First Table (or Figure) Number is A$.
00066 REM:  T is expansion from 1/5th acre plots.
00067 REM:  The For B = 1 to 21 statement below must
00068 REM:       be the same number as the A(array is set for); the max. number of columns.
00069
00070
00071 “A”:PRINT:PRINT
00072
00073 FOR Q=1 TO 3
00074   PRINT:PRINT “Loading plot data .....”
00075   P=1:T=5
00076   OPEN”I”,#1,E$(Q),1,SYSTEM(_aplvol)
00077   WHILE NOT EOF (1)
00078     FOR A=1 TO E(Q)
00079       FOR B=1 TO 31
00080         INPUT#1, A(A,B)
00081         REM: IF A>0 THEN PRINT A,B,A(A,B)
00082         REM: PRINT Q, A(A,V1), A(A,V3)
00083       NEXT B
00084     NEXT A
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00085   WEND
00086   CLOSE#1
00087   :
00088   IF S=2 THEN GOTO “Plot”
00089
00090
00091
00092   REM:TRON BREAK
00093   REM: In the statement below, A=1 to 167”, the 167 must be the max. number of rows in A array.
00094    REM: The statement below [IF A(A,26)=100 THEN GOTO “Z”] will drop all trees cut in 2001 and after
00095   REM:     from all years of analysis.
00096
00097
00098   IF INVENT =1 THEN GOTO “DD”
00099   IF INVENT =2 THEN GOTO “DD1”
00100   IF INVENT =3 THEN GOTO “DD2”
00101   GOTO “SETUP”
00102   REM:”CUT”: IF A(A,23??)>0 OR A(A,26??)=99 THEN GOTO “OK” ELSE GOTO “Z”
00103   PRINT “Calculating stand tables, basal areas and tree volumes.....
00104
00105   “DD”: FOR A=1 TO E(Q):GOTO “DD3”
00106    “DD1”: FOR A=1 TO E(Q)-I(Q):GOTO “DD3”
00107     “DD2”: FOR A=E(Q)-I(Q)+1 TO E(Q)
00108       “DD3”:
00109       IF A(A,26)=100 AND INVENT=1 THEN GOTO “Z”
00110       IF A(A,26)=100 AND INVENT=2 THEN GOTO “ZDD1”
00111       IF A(A,26)=100 AND INVENT=3 THEN GOTO “ZDD2”
00112       IF A(A,V3)=0 AND INVENT=1 THEN GOTO “Z”
00113       IF A(A,V3)=0 AND INVENT=2 THEN GOTO “ZDD1”
00114       IF A(A,V3)=0 AND INVENT=3 THEN GOTO “ZDD2”
00115
00116       IF A(A,V2)>10 THEN A(A,V2)=5
00117       IF CUT=1 THEN GOTO “CUT”
00118       “OK”:
00119       REM: PRINT CUT,A(A,V1),A(A,V3)
00120       FOR B=1 TO 24
00121         IF A(A,V3)<B*2+1 THEN M(B,A(A,V2))=M(B,A(A,V2))+T:GOTO “Z1”
00122         GOTO “BB”
00123         “Z1”:N(B,A(A,V2))=N(B,A(A,V2))+(A(A,V3)^2*.005454)*T
00124         PRINT E(Q)-I(Q),A(A,V1),A(A,V3),A(A,V3)^2*.005454*T,N(B,A(A,V2))
00125         GOSUB “VOL”
00126         O(B,A(A,V2))=O(B,A(A,V2))+T*U
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```
00127          O(B,A(A,V2)+10)=O(B,A(A,V2)+10)+T*V
00128          B=24
00129        "BB":NEXT B
00130        IF INVENT=1 THEN GOTO "Z"
00131        IF INVENT=2 THEN GOTO "ZDD1"
00132      "ZDD2":NEXT A
00133      IF INVENT=3 THEN GOTO "PRT"
00134    "ZDD1":NEXT A
00135    IF INVENT=2 THEN GOTO "PRT"
00136  "Z":NEXT A
00137  REM:STOP
00138
00139  "PRT":
00140  PRINT "Sorting trees into stand and stock tables.....
00141  FOR A=1 TO 24
00142    FOR B=1 TO 8
00143      D=M(A,B)+D
00144      E=N(A,B)+E
00145      F=O(A,B)+F
00146      G=O(A,B+10)+G
00147      H=O(A,B+20)+H
00148    NEXT B
00149    M(A,2)=D:D=0
00150    M(A,5)=E:E=0
00151    M(A,8)=F:F=0
00152    M(A,11)=G:G=0
00153    M(A,14)=H:H=0
00154    M(A,1)=M(A,9)
00155    M(A,4)=N(A,9)
00156    M(A,7)=O(A,9):M(A,10)=O(A,19):M(A,13)=O(A,29)
00157    M(A,3)=M(A,1)+M(A,2):M(A,6)=M(A,4)+M(A,5)
00158                              M(A,9)=M(A,7)+M(A,8):M(A,12)=M(A,10)+M(A,11):
M(A,15)=M(A,13)+M(A,14)
00159  NEXT A
00160  :
00161  FOR A=1 TO 15
00162    FOR B=1 TO 24
00163      D(A)=M(B,A)+D(A)
00164    NEXT B
00165  NEXT A
00166  :
00167  REM:  Formats for Stand Table printout.
00168  B$(1)="         ##"
00169  B$(2)="    #####"
00170  B$(3)=" #####"
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00171   B$(4)="  #####"
00172   B$(5)="        #####"
00173   B$(6)="  #####"
00174
00175   BEEP:BEEP
00176   WINDOW#1, "DEF PAGE":WIDTH LPRINT-2
00177   DEF PAGE:  IF PRCANCEL THEN PRINT "CANCEL PRESSED":STOP
00178   DEF LPRINT:  IF PRCANCEL THEN PRINT "CANCEL PRESSED":STOP
00179   CALL TEXTSIZE (9)
00180
00181    LPRINT:LPRINT:LPRINT:LPRINT:LPRINT:LPRINT:LPRINT:LPRINT:LPRINT:
LPRINT
00182   P=P+Q-1
00183
00184   IF P<10 GOTO "T1" ELSE GOTO "T2"
00185   "T1": LPRINT      "      Table ";A$; USING "#.";P;"  Stand, Basal Area and Stock
Tables for Plot ";
00186   LPRINT C$(Q);USING" measured in ####";YEAR;"."
00187   LPRINT      "          CLO is Coast Live Oak.  ";F$;"."
00188
00189   GOTO "T3"
00190   "T2": LPRINT      "      Table ";A$; USING "##.";P;"  Stand, Basal Area and Stock
Tables for Plot ";
00191   LPRINT C$(Q);USING" measured in ####";YEAR;"."
00192   LPRINT      "          CLO is Coast Live Oak.  ";F$;"."
00193   "T3":
00194   LPRINT:LPRINT
00195   LPRINT "          STAND TABLE   BASAL AREA TABLE   TOTAL VOLUME
TABLE   WOOD VOLUME TABLE   SAWLOG VOLUME TABLE"
00196  LPRINT "     Dbh   (Stems/acre)   (Sq. ft./ac)   (Cubic ft/acre)   (Cubic feet/acre)
(Cubic ft/acre)"
00197  LPRINT "     (in) CLO Other TOT  CLO Other TOT  CLO Other TOT   CLO
Other TOT   CLO Other TOT"
00198  LPRINT "      ----------------------------------------------------------------------------
----------"
00199
00200   FOR A=1 TO 24
00201     LPRINT USING B$(1);2*A; TAB (2) USING B$(3);M(A,1) TAB (2) USING
B$(3);M(A,2) TAB (4) USING B$(3);M(A,3) TAB (4) USING B$(3);M(A,4) TAB (2) US-
ING B$(3);M(A,5) TAB (2) USING B$(3);M(A,6) TAB (5);
00202     LPRINT USING B$(4);M(A,7) TAB (3) USING B$(3);M(A,8) TAB (4) USING
B$(3);M(A,9) TAB (8) USING B$(2);M(A,10) TAB (3) USING B$(3);M(A,11) TAB (5) US-
ING B$(3);M(A,12) TAB (3);
00203     LPRINT USING B$(6);M(A,13) TAB (3) USING B$(3);M(A,14) TAB (3) USING
B$(3);M(A,15)
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NEXT A
LPRINT "        -----------------------------------------------------------------------------------------------------"
LPRINT USING B$(5);D(1) TAB (2) USING B$(3);D(2) TAB (4) USING B$(3);D(3) TAB (4) USING B$(3);D(4) TAB (2) USING B$(3);D(5) TAB (2) USING B$(3);D(6) TAB (5);
LPRINT USING B$(4);D(7) TAB (3) USING B$(3);D(8) TAB (4) USING B$(3);D(9) TAB (8) USING B$(2);D(10) TAB (3) USING B$(3);D(11) TAB (5) USING B$(3);D(12) TAB (3);
LPRINT USING B$(6);D(13) TAB (3) USING B$(3);D(14) TAB (3) USING B$(3);D(15)
CLEAR LPRINT
CLOSE LPRINT

ROUTE 0
IF S=1 THEN GOTO "Q"
:
"Plot"::

IF YEAR=1984 AND CUT=0 THEN A$="B"
IF YEAR=1984 AND CUT=1 THEN A$="D"

:REM    Plots tree basal areas
:REM   Variable K is expansion factor for scale of 1"=20'.
:REM  Variable L is offset so plot will be in center of page.

BEEP:BEEP
WINDOW#1, "DEF PAGE":WIDTH LPRINT-2
DEF PAGE:  IF PRCANCEL THEN PRINT "CANCEL PRESSED":STOP
DEF LPRINT:  IF PRCANCEL THEN PRINT "CANCEL PRESSED":STOP

ROUTE 128
COORDINATE WINDOW

K#=3.62:L#=135:M#=93
CLS
CALL MOVETO (234,99)
TEXT 4,14,1
PRINT"S T E M   M A P"
PRINT:
TEXT 4,10,0,1

IF YEAR=1984 AND CUT=0 THEN CALL MOVETO (223,118):PRINT F$
IF YEAR=1984 AND CUT=1 THEN CALL MOVETO (179,118):PRINT F$
IF YEAR=1989 THEN CALL MOVETO (216,118):PRINT F$
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00243  IF YEAR=1996 THEN CALL MOVETO (216,118):PRINT F$
00244  IF YEAR=2001 THEN CALL MOVETO (216,118):PRINT F$
00245  REM: IF YEAR=1994 THEN CALL MOVETO (218,118):PRINT F$
00246  PRINT:PRINT
00247
00248  PEN 2,2
00249  BOX 0+L,0+L TO K*93.3381+L,K*93.3381+L
00250  CALL PENNORMAL
00251
00252  REM:  MARKS THE CENTER OF THE PLOT
00253  PLOT L+K*45.17,L+K*46.67 TO L+K*48.17,L+K*46.67
00254  PLOT L+K*46.67,L+K*45.17 TO L+K*46.67,L+K*48.17
00255
00256  REM:  PLOT TIC MARKS ON GRAPH
00257  FOR A=10 TO 90 STEP 10
00258    PLOT L+A*K,L+M*K TO L+A*K,L+M*K-4
00259    CALL MOVETO (L+A*K-12,L+M*K+15):PRINT A
00260  NEXT A
00261  FOR A=83 TO 3 STEP -10
00262    PLOT L+K-3,L+A*K TO L+K+2,L+A*K
00263    CALL MOVETO (L+K-25,L+A*K+6):PRINT 93-A
00264  NEXT A
00265
00266  REM:  LABELS THE TREE NUMBERS
00267  REM:  CANNOT USE AN AZMUITH OF 0
00268  CALL TEXTSIZE (5)
00269  FOR A=1 TO E(Q)
00270    IF CUT=1 THEN GOTO “CUT.1”
00271    “OK.1”:
00272    IF A(A,26)=100 THEN GOTO “L1”
00273    IF A(A,V7)=0 AND A(A,V8)=0 THEN GOTO “LP”
00274    IF A(A,V3)>0 THEN GOTO “L1” ELSE GOTO “LP”
00275    “L1”: I=(93.3381/2)+SIN(A(A,V7)*3.141592654/180)*A(A,V8)
00276    J=(93.3381/2)-COS(A(A,V7)*3.141592654/180)*A(A,V8)
00277    REM: If dbh=>14 prints tree # inside circle; otherwise prints it outside circle.
00278     IF A(A,V3)=>14 THEN CALL MOVETO (I*K+L-.28*A(A,V3),J*K+L+.15*A(A,
V3))
00279    IF A(A,V3)=>14 AND CUT=1 GOTO “x”
00280    “xr”:IF A(A,V3)=>14 AND CUT<>1 GOTO “x.1”
00281    “xrr”:IF A(A,V3)=>14 THEN GOTO “LP”
00282
00283       IF A(A,V3)<14 THEN CALL MOVETO (I*K+L+A(A,V3)/2+.05*A(A,V3)/
2,J*K+L)
00284    IF CUT=1 GOTO “w” ELSE GOTO “w.1”
00285  “LP”:NEXT A
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00286
00287  REM: DRAWS TREE CIRCLES
00288  FOR A=1 TO E(Q)
00289   IF CUT=1 THEN GOTO “CUT.2”
00290   “OK.2”:
00291   IF A(A,26)=100 THEN PRINT “X”:GOTO “CP”
00292   IF A(A,V7)=0 AND A(A,V8)=0 THEN GOTO “CP”
00293   IF A(A,V3)>0 THEN GOTO “C1” ELSE GOTO “CP”
00294   “C1”: I=(93.3381/2)+SIN(A(A,V7)*3.141592654/180)*A(A,V8)
00295   J=(93.3381/2)-COS(A(A,V7)*3.141592654/180)*A(A,V8)
00296   CIRCLE I*K+L,J*K+L,A(A,V3)/2
00297   I=0:J=0
00298  “CP”:NEXT A
00299
00300  REM:  PRINTS CAPTION
00301  P=P+Q-1
00302  CALL TEXTSIZE (9)
00303  CALL MOVETO (L+K,L+M*K+30)
00304  PRINT”            Horizontal Distance (feet)”
00305  CALL TEXTSIZE (10)
00306  CALL MOVETO (L+K,L+M*K+60)
00307
00308  IF P<10 GOTO “F1” ELSE GOTO “F2”
00309
00310  “F1”: PRINT “Figure “;A$; USING “#.”;P;”  Stem map showing relative tree basal”:
GOTO “F3”
00311  “F2”: PRINT “Figure “;A$; USING “##.”;P;”  Stem map showing relative tree basal”
00312  “F3”: CALL MOVETO (L+K,L+M*K+72)
00313  PRINT “area for Plot “;C$(Q);”.  Distance and”
00314  CALL MOVETO (L+K,L+M*K+84)
00315  PRINT “plot boundary are at a scale of 1:240.  Tree basal”
00316  CALL MOVETO (L+K,L+M*K+96)
00317  PRINT “areas are enlarged by a factor of 3 for visualization.”
00318  CALL MOVETO (L+K,L+M*K+108)
00319  PRINT “All plots are one-fifth acre and are surrounded by a
00320  CALL MOVETO (L+K,L+M*K+120)
00321  PRINT”two-fifths acre buffer zone.”
00322
00323  ROUTE 0
00324  CLEAR LPRINT
00325
00326  “Q”
00327  “ZERO”:
00328   PRINT:PRINT:PRINT:PRINT”All temporary data array files are now being
purged....”
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00329   FOR A=1 TO 24
00330     D(A)=0
00331     FOR B=1 TO 38
00332       M(A,B)=0
00333       N(A,B)=0
00334       O(A,B)=0
00335     NEXT B
00336   NEXT A
00337
00338   REM: Set A and B to values in the A array.
00339
00340   FOR A=1 TO 167
00341     FOR B=1 TO 31
00342       A(A,B)=0
00343     NEXT B
00344   NEXT A
00345
00346   D=0:E=0:F=0:G=O:H=O
00347   P=0:T=0:N=0:U=0:V=0:X=0
00348
00349 NEXT Q
00350 REM: BREAK OFF
00351 END
00352
00353 SEGMENT
00354
00355 “C”
00356 C$(1)=”1-1 (100 sq. ft./ac)”
00357 C$(2)=”1-2 (Control Plot)”
00358 C$(3)=”1-3 (50 sq. ft./ac)”
00359 C$(4)=”2-1 (50 sq. ft./ac)”
00360 C$(5)=”2-2 (Control Plot)”
00361 C$(6)=”2-3 (100 sq. ft./ac)”
00362 C$(7)=”3-1 (50 sq. ft./ac)”
00363 C$(8)=”3-2 (100 sq. ft./ac)”
00364 C$(9)=”3-3 (Control Plot)”
00365 C$(10)=”4-1 (100 sq. ft./ac)”
00366 C$(11)=”4-2 (50 sq. ft./ac)”
00367 C$(12)=”4-3 (Control Plot)”
00368 C$(13)=”5-1 (50 sq. ft./ac)”
00369 C$(14)=”5-2 (Control Plot)”
00370 C$(15)=”5-3 (100 sq. ft./ac)”
00371 C$(16)=”6-1 (50 sq. ft./ac)”
00372 C$(17)=”6-2 (Control Plot)”
00373 C$(18)=”6-3 (100 sq. ft./ac)”
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00374 C$(19)=”7-1 (100 sq. ft./ac)”
00375 C$(20)=”7-2 (50 sq. ft./ac)”
00376 C$(21)=”7-3 (Control Plot)”
00377 C$(22)=”8-1 (100 sq. ft./ac)”
00378 C$(23)=”8-2 (50 sq. ft./ac)”
00379 C$(24)=”8-3 (Control Plot)”
00380 C$(25)=”9-1 (100 sq. ft./ac)”
00381 C$(26)=”9-2 (50 sq. ft./ac)”
00382 C$(27)=”9-3 (Control Plot)”
00383 C$(28)=”10-1 (50 sq. ft./ac)”
00384 C$(29)=”10-2 (Control Plot)”
00385 C$(30)=”10-3 (100 sq. ft./ac)”
00386 RETURN
00387
00388 “E”
00389 REM:  If ingrowth occurs; adjust no. of trees below (I Array)
00390 E$(1)=”1-1.R”:E(1)=106:I(1)=10
00391 E$(2)=”1-2.R”:E(2)=81:I(2)=1
00392 E$(3)=”1-3.R”:E(3)=111:I(3)=0
00393 E$(4)=”2-1.R”:E(4)=124:I(4)=44
00394 E$(5)=”2-2.R”:E(5)=77:I(5)=0
00395 E$(6)=”2-3.R”:E(6)=81:I(6)=10
00396 E$(7)=”3-1.R”:E(7)=167:I(7)=0
00397 E$(8)=”3-2.R”:E(8)=145:I(8)=0
00398 E$(9)=”3-3.R”:E(9)=125:I(9)=0
00399 E$(10)=”4-1.R”:E(10)=62:I(10)=0
00400 E$(11)=”4-2.R”:E(11)=29:I(11)=0
00401 E$(12)=”4-3.R”:E(12)=68:I(12)=2
00402 E$(13)=”5-1.R”:E(13)=22:I(13)=0
00403 E$(14)=”5-2.R”:E(14)=16:I(14)=0
00404 E$(15)=”5-3.R”:E(15)=43:I(15)=0
00405 E$(16)=”6-1.R”:E(16)=89:I(16)=1
00406 E$(17)=”6-2.R”:E(17)=83:I(17)=2
00407 E$(18)=”6-3.R”:E(18)=99:I(18)=0
00408 E$(19)=”7-1.R”:E(19)=60:I(19)=0
00409 E$(20)=”7-2.R”:E(20)=47:I(20)=0
00410 E$(21)=”7-3.R”:E(21)=56:I(21)=0
00411 E$(22)=”8-1.R”:E(22)=58:I(22)=0
00412 E$(23)=”8-2.R”:E(23)=45:I(23)=0
00413 E$(24)=”8-3.R”:E(24)=54:I(24)=0
00414 E$(25)=”9-1.R”:E(25)=18:I(25)=0
00415 E$(26)=”9-2.R”:E(26)=21:I(26)=0
00416 E$(27)=”9-3.R”:E(27)=30:I(27)=0
00417 E$(28)=”10-1.R”:E(28)=59:I(28)=0
00418 E$(29)=”10-2.R”:E(29)=42:I(29)=0
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00419 E$(30)=”10-3.R”:E(30)=101:I(30)=0
00420 RETURN
00421
00422 “VOL”::
00423 :REM  (EQN’S IN ENGLISH UNITS):
00424 N=0:U=0:V=0:X=0
00425 “CLO”: IF A(A,V2)<>9 THEN GOTO “BO”
00426 U=0.0065261029*A(A,V3)^2.31958*A(A,V4)^0.62528
00427 V=.0024574847*A(A,V3)^2.53284*A(A,V4)^.60764
00428 REM:PRINT A(A,V1),(A(A,V3)^2*.005454),U,V
00429 IF A(A,5)=1 THEN RETURN
00430 IF A(A,5)=10 THEN X=.0006540144*A(A,V3)^2.24437*A(A,V4)^.81358*A(A,V5)
^.43381
00431 O(B,A(A,V2)+20)=O(B,A(A,V2)+20)+T*X:RETURN
00432
00433 “BO”: IF A(A,V2)<>2 THEN GOTO “CWO”
00434 U=.0125103008*A(A,V3)^2.33089*A(A,V4)^0.4610
00435 V=.0042324071*A(A,V3)^2.53987*A(A,V4)^.50591:RETURN
00436
00437 “CWO”: IF A(A,V2)<>1 THEN GOTO “TO”
00438 U=.0042870077*A(A,V3)^2.33631*A(A,V4)^.74872
00439 V=.0009684363*A(A,V3)^2.39565*A(A,V4)^.98878
00440 IF A(A,V5)=1 THEN RETURN
00441 IF A(A,V5)=10 THEN X=.0001880044*A(A,V3)^1.87346*A(A,V4)^1.62443
00442 O(B,A(A,V2)+20)=O(B,A(A,V2)+20)+T*X:RETURN
00443
00444 “TO”: IF A(A,V2)<>3 THEN GOTO “MAD”
00445 U=.0058870024*A(A,V3)^1.94165*A(A,V4)^.86562
00446 V=.000577497*A(A,V3)^2.19576*A(A,V4)^1.14078
00447 RETURN
00448
00449 “MAD”: IF A(A,V2)<>8 THEN GOTO “BLM”
00450 U=.0067322665*A(A,V3)^1.96628*A(A,V4)^.83458
00451 V=.0025616425*A(A,V3)^1.99295*A(A,V4)^1.01532
00452 IF A(A,V5)=1 THEN RETURN
00453 IF A(A,V5)=10 THEN X=.000618153*A(A,V3)^1.72635*A(A,V4)^1.26462*A(A,V
5)^.37867
00454 O(B,A(A,V2)+20)=O(B,A(A,V2)+20)+T*X:RETURN
00455
00456 “BLM”: IF A(A,V2)<>5 THEN GOTO “L”
00457 U=.010178635*A(A,V3)^2.22462*A(A,V4)^.57561
00458 V=.0034214162*A(A,V3)^2.35347*A(A,V4)^.69586
00459 RETURN
00460
00461 “L”: IF A(A,V2)<>4 THEN GOTO “KNOB”
```

```
00462 U=.0057821322*A(A,V3)^1.94553*A(A,V4)^.88389
00463 V=.0016380753*A(A,V3)^2.0591*A(A,V4)^1.05293
00464 RETURN
00465
00466 “KNOB”: IF A(A,V2)<>6 THEN GOTO “DP”
00467 U=.001319897*A(A,V3)^2.01859*A(A,V4)^1.03906
00468 RETURN
00469
00470 “DP”: IF A(A,V2)<>7 THEN PRINT”TREE NOT FOUND!”;E$(Q);A(A,V1);A(A,V
2);A(A,V3):BEEP:STOP
00471 U=.001319897*A(A,V3)^2.01859*A(A,V4)^1.03906
00472 RETURN
00473
00474
00475 “1984”:
00476 V1=1:V2=2:V3=3:V4=4:V5=5:V6=6:V7=7:V8=8:V9=9:V10=10
00477 RETURN
00478
00479 “1989”:
00480 V1=11:V2=2:V3=12:V4=13:V5=5:V6=14:V7=7:V8=8:V9=15:V10=10
00481 RETURN
00482
00483 “1996”:
00484 V1=16:V2=2:V3=17:V4=18:V5=5:V6=19:V7=7:V8=8:V9=20:V10=10
00485 RETURN
00486
00487 “2001”:
00488 V1=21:V2=22:V3=23:V4=24:V5=25:V6=26:V7=27:V8=28:V9=29:V10=30
00489 RETURN
00490
00491
00492 REM:  If a tree has a new number, then it is printed, otherwise the orignal
00493 REM:     number is printed.  NEED to CHANGE A(A,21) to the column of the
00494 REM:     new number (e.g., in 2001 the column is A(A,21).
00495 “x”:
00496 IF A(A,21)>0 THEN PRINT A(A,21) ELSE PRINT USING”###x”;A(A,V1)
00497 GOTO “xr”
00498
00499 “x.1”:
00500 IF A(A,21)>0 THEN PRINT A(A,21) ELSE PRINT USING”###”;A(A,V1)
00501 GOTO “xrr”
00502
00503 “w”:
00504 IF A(A,21)>0 THEN PRINT A(A,21) ELSE PRINT USING”###x”;A(A,V1)
00505 GOTO “LP”
```

```
00506
00507 “w.1”:
00508 IF A(A,21)>0 THEN PRINT A(A,21) ELSE PRINT USING”###”;A(A,V1)
00509 GOTO “LP”
00510
00511 REM: Only used for 1984 residual (I think...)
00512
00513 REM: In next line, A(A,12) looks to see if tree is there, & A(A,14) to see if tree died.
00514 REM: If tree died, it still gets counted in the Residual Inventory.
00515 REM: If tree was thinned, it has no dbh and no “99” code; it gets skipped for Res. In-
vent.
00516
00517 “CUT”: IF A(A,17)>0 OR A(A,19)=99 THEN GOTO “OK”
00518 IF INVENT=1 THEN GOTO “Z”
00519 IF INVENT=2 THEN GOTO “ZDD1”
00520 IF INVENT=3 THEN GOTO “ZDD2”
00521 “CUT.1”:IF A(A,17)>0 OR A(A,19)=99 THEN GOTO “OK.1” ELSE GOTO “LP”
00522 “CUT.2”:IF A(A,17)>0 OR A(A,19)=99 THEN GOTO “OK.2” ELSE GOTO “CP”
00523
00524 REM:  “VARIABLES USED”
00525
00526 REM:              1984     1989      1996    2001
00527 REM:  ------------------------------------------------
00528 REM:  Tree#                    1      11       16      21
00529 REM:  Species code    2       2        2      22
00530 REM:  Dbh             3      12       17      23
00531 REM:  Total height    4      13       18      24
00532 REM:  Indicator code  5       5        5      25
00533 REM:  Vigor code      6      14       19      26
00534 REM:  Azmuith         7       7        7      27
00535 REM:  Horiz. Dist.    8       8        8      28
00536 REM:  Crown Class     9      15       20      29
00537 REM:  Cut code       10      10       10      30
00538
00539 SEGMENT
```

```
‘//////////////////////////////////////////////////////////////////////
‘/                                                        /
‘/  COAST LIVE OAK STAND AND STOCK TABLE ACCUMULATOR PROGRAM... v. 7.0   /
‘/                                                        /
‘/                  by Norman H. Pillsbury                /
‘/                                                        /
‘/                  December 11, 2001                     /
‘/                                                        /
‘//////////////////////////////////////////////////////////////////////
WINDOW 1

REM: ****This program is used to develop data for Diameter Distribution Graphs (see Appendix M, 1998 report).
REM: ****Also use for Ingrowth, Residual, and Total for creating graphs.

REM: version 6.ACCUM has input for table number.
REM: Make sure that Preferences precision IS DOUBLE.

REM:  A(array) must be set to the maximum number of rows & columns
REM:    in the input files.  Last column is zeros.
REM:    Change number of columns 12 lines after the “ZERO” label also.
DIM A(167,31), E$(30),E(30), F(10,3), I(30)
DIM D(24):DIM B$(10):DIM C$(30)
DIM M(24,38), N(24,38), O(24,38)

REM: A is master (input) array; M is Stand Table Array; N is BA array
REM: O is Volume array; D is stock table sums, B$ is number format array
REM: E$ is plot name & no. of trees/plot array (1-1)
REM: C$ is plot ID array (e.g., “1-2 Control Plot”)

REM: Statements at labels “x”, “x.1”, “w” and “w.1” must be changed (see note).

REM:  Use Monoco FONT, SIZE 9.
GOSUB “C”:GOSUB “E”
REM: BREAK ON

“SETUP”:
CLS:PRINT
PRINT “What Component of the Inventory do you want?”
PRINT “Total Inventory = 1”
PRINT “Residual Inventory = 2”
PRINT “Ingrowth Inventory = 3”
INPUT “Enter Number, 1, 2 or 3         “;INVENT:PRINT:PRINT

```

```
00044 PRINT “DO YOU WANT TO PRINT STAND & STOCK TABLES = 1, or”
00045 PRINT “DO YOU WANT TO PRINT STEM MAPS =2”
00046 INPUT “ENTER NUMBER, 1 or 2   “;S:PRINT:PRINT
00047
00048 PRINT “1 = 1984 (Initial Inventory)”
00049 PRINT “2 = 1984 (Inventory after first thinning)”
00050 PRINT “3 = 1989 (Five-year Inventory)”
00051 PRINT “4 = 1996 (Twelve-year Inventory)”
00052 PRINT “5 = 2001 (Seventeen-year Inventory)”
00053 PRINT
00054 INPUT “WHICH YEAR? (enter a 1,2,3 or 4...  “;YEAR
00055 PRINT:PRINT
00056 INPUT “Table or Figure (number or letter)?”;A$
00057
00058 IF YEAR=1 THEN YEAR=1984:F$=”Initial Inventory - 1984”:GOSUB “1984”:GOTO
“A”
00059 IF YEAR=2 THEN YEAR=1984:CUT=1:F$=”Inventory after first thinning - 1984”:
GOSUB “1984”:GOTO “A”
00060 IF YEAR=3 THEN YEAR=1989:GOSUB “1989”:F$=”Five-year Inventory - 1989”:
GOTO “A”
00061 IF YEAR=4 THEN YEAR=1996:GOSUB “1996”:F$=”Twelve-year Inventory - 1996”:
GOTO “A”
00062 IF YEAR=5 THEN YEAR=2001:GOSUB “2001”:F$=”Seventeen-year Inventory -
2001”:GOTO “A”
00063 DELAY 2000:GOTO “SETUP”
00064
00065 REM:  T is expansion from 1/5th acre plots.
00066 REM:  The For B = 1 to 21 statement below must
00067 REM:       be the same number as the A(array is set for); the max. number of columns.
00068 REM:  IN F(FX,1), the “1” = Control, “2”= 100, & “3” = 50.
00069
00070 “A”:PRINT:PRINT
00071 REM: In statement below (FOR FX=1 to 10), DON’T change the 1 or the 10.
00072 REM: For F(FX,1) selects all Control Plots
00073 REM: For F(FX,2) selects all 100 sf/ac Plots
00074 REM: For F(FX,3) selects all 50 sf/ac Plots
00075 REM: Q= 16, 17 OR 18,program skips Plot 6.
00076
00077 FOR FX=1 TO 10
00078   Q=F(FX,3):REM:See note above
00079   IF Q=16 OR Q=17 OR Q=18 THEN GOTO “Y”
00080   REM:PRINT Q
00081   PRINT:PRINT “Loading plot data .....”
00082   P=1:T=5
00083   OPEN”I”,#1,E$(Q),1,SYSTEM(_aplvol)
```

```
00084  WHILE NOT EOF (1)
00085    FOR A=1 TO E(Q)
00086      FOR B=1 TO 31
00087        INPUT#1, A(A,B)
00088        REM: IF A>0 THEN PRINT A,B,A(A,B)
00089        REM: PRINT Q, A(A,V1), A(A,V3)
00090      NEXT B
00091    NEXT A
00092  WEND
00093  CLOSE#1
00094  :
00095  IF S=2 THEN GOTO “Plot”
00096
00097
00098  REM:TRON BREAK
00099  REM: In the statement below, A=1 to 167”, the 167 must be the max. number of rows
in A array.
00100
00101  IF INVENT =1 THEN GOTO “DD”:REM:Total
00102  IF INVENT =2 THEN GOTO “DD1”:REM:Residual
00103  IF INVENT =3 THEN GOTO “DD2”:REM:Ingrowth
00104  GOTO “SETUP”
00105  PRINT “Calculating basal areas and tree volumes.....
00106
00107  “DD”: FOR A=1 TO E(Q):GOTO “DD3”
00108    “DD1”: FOR A=1 TO E(Q)-I(Q):GOTO “DD3”
00109      “DD2”: FOR A=E(Q)-I(Q)+1 TO E(Q):REM:”+1” needed here, only here.
00110        “DD3”:
00111        IF A(A,26)=100 AND INVENT=1 THEN GOTO “Z”
00112        IF A(A,26)=100 AND INVENT=2 THEN GOTO “ZDD1”
00113        IF A(A,26)=100 AND INVENT=3 THEN GOTO “ZDD2”
00114        IF A(A,V3)=0 AND INVENT=1 THEN GOTO “Z”
00115        IF A(A,V3)=0 AND INVENT=2 THEN GOTO “ZDD1”
00116        IF A(A,V3)=0 AND INVENT=3 THEN GOTO “ZDD2”
00117
00118        IF A(A,V2)>10 THEN A(A,V2)=5
00119        IF CUT=1 THEN GOTO “CUT”
00120        REM:PRINT Q,E$(FX),E(FX),A(A,V1),A(A,V3)
00121        REM:DELAY 400
00122
00123        “OK”:
00124        REM: PRINT CUT,A(A,V1),A(A,V3)
00125        FOR B=1 TO 24
00126          IF A(A,V3)<B*2+1 THEN M(B,A(A,V2))=M(B,A(A,V2))+T:GOTO “Z1”
00127          GOTO “BB”
```

```
00128          “Z1”:N(B,A(A,V2))=N(B,A(A,V2))+(A(A,V3)^2*.005454)*T
00129           REM:PRINT E(Q)-I(Q),A(A,V1),A(A,V3),A(A,V3)^2*.005454*T,N(B,A(A,V
2))
00130
00131          GOSUB “VOL”
00132          O(B,A(A,V2))=O(B,A(A,V2))+T*U
00133          O(B,A(A,V2)+10)=O(B,A(A,V2)+10)+T*V
00134          B=24
00135        “BB”:NEXT B
00136        IF INVENT=1 THEN GOTO “Z”
00137        IF INVENT=2 THEN GOTO “ZDD1”
00138      “ZDD2”:NEXT A
00139      GOSUB “BOFF”
00140      IF INVENT=3 THEN GOTO “Y”
00141    “ZDD1”:NEXT A
00142    GOSUB “BOFF”
00143    IF INVENT=2 THEN GOTO “Y”
00144   “Z”:NEXT A
00145   GOSUB “BOFF”
00146 “Y”:NEXT FX
00147
00148 REM:STOP
00149
00150 “SORT”:
00151 PRINT “Sorting trees into stand and stock tables.....
00152 FOR A=1 TO 24
00153   FOR B=1 TO 8
00154     D=M(A,B)+D
00155     E=N(A,B)+E
00156     F=O(A,B)+F
00157     G=O(A,B+10)+G
00158     H=O(A,B+20)+H
00159   NEXT B
00160   M(A,2)=D:D=0
00161   M(A,5)=E:E=0
00162   M(A,8)=F:F=0
00163   M(A,11)=G:G=0
00164   M(A,14)=H:H=0
00165   M(A,1)=M(A,9)
00166   M(A,4)=N(A,9)
00167   M(A,7)=O(A,9):M(A,10)=O(A,19):M(A,13)=O(A,29)
00168   M(A,3)=M(A,1)+M(A,2):M(A,6)=M(A,4)+M(A,5)
00169   M(A,9)=M(A,7)+M(A,8):M(A,12)=M(A,10)+M(A,11):M(A,15)=M(A,13)+M(A,14)
00170 NEXT A
00171 :
```

```
00172 FOR A=1 TO 15
00173   FOR B=1 TO 24
00174     D(A)=M(B,A)+D(A)
00175   NEXT B
00176 NEXT A
00177 :
00178 “PRT”
00179 REM:  Formats for Stand Table printout.
00180 B$(1)=”         ##”
00181 B$(2)=”    #####”
00182 B$(3)=” #####”
00183 B$(4)=”  #####”
00184 B$(5)=”           #####”
00185 B$(6)=”   #####”
00186
00187 BEEP:BEEP
00188 WINDOW#1, “DEF PAGE”:WIDTH LPRINT-2
00189 DEF PAGE:  IF PRCANCEL THEN PRINT “CANCEL PRESSED”:STOP
00190 DEF LPRINT:  IF PRCANCEL THEN PRINT “CANCEL PRESSED”:STOP
00191 CALL TEXTSIZE (9)
00192
00193  LPRINT:LPRINT:LPRINT:LPRINT:LPRINT:LPRINT:LPRINT:LPRINT:LPRINT:
LPRINT
00194 P=P+Q-1
00195 GOTO “T3”
00196
00197 IF P<10 GOTO “T1” ELSE GOTO “T2”
00198 “T1”: LPRINT       “         Table “;A$; USING “#.”;P;”  Stand, Basal Area and Stock
Tables for Plot “;
00199 LPRINT C$(Q);USING” measured in ####”;YEAR;”.”
00200 LPRINT       “                 CLO is Coast Live Oak.  “;F$;”.”
00201
00202 GOTO “T3”
00203 “T2”: LPRINT       “         Table “;A$; USING “##.”;P;”  Stand, Basal Area and Stock
Tables for Plot “;
00204 LPRINT C$(Q);USING” measured in ####”;YEAR;”.”
00205 LPRINT       “                 CLO is Coast Live Oak.  “;F$;”.”
00206 “T3”:
00207 LPRINT:LPRINT
00208 LPRINT “                STAND  TABLE  BASAL AREA TABLE  TOTAL VOLUME
TABLE  WOOD VOLUME TABLE  SAWLOG VOLUME TABLE”
00209 LPRINT “       Dbh    (Stems/acre)    (Sq. ft./ac)    (Cubic ft/acre)    (Cubic feet/acre)
(Cubic ft/acre)”
00210 LPRINT “       (in) CLO  Other  TOT  CLO  Other  TOT  CLO  Other  TOT  CLO
Other  TOT  CLO  Other  TOT”
```

```
00211 LPRINT “         -----------------------------------------------------------------------------------------------”
00212
00213 FOR A=1 TO 24
00214    LPRINT USING B$(1);2*A; TAB (2) USING B$(3);M(A,1) TAB (2) USING B$(3);M(A,2) TAB (4) USING B$(3);M(A,3) TAB (4) USING B$(3);M(A,4) TAB (2) USING B$(3);M(A,5) TAB (2) USING B$(3);M(A,6) TAB (5);
00215    LPRINT USING B$(4);M(A,7) TAB (3) USING B$(3);M(A,8) TAB (4) USING B$(3);M(A,9) TAB (8) USING B$(2);M(A,10) TAB (3) USING B$(3);M(A,11) TAB (5) USING B$(3);M(A,12) TAB (3);
00216    LPRINT USING B$(6);M(A,13) TAB (3) USING B$(3);M(A,14) TAB (3) USING B$(3);M(A,15)
00217 NEXT A
00218 LPRINT “         -----------------------------------------------------------------------------------------------”
00219 LPRINT USING B$(5);D(1) TAB (2) USING B$(3);D(2) TAB (4) USING B$(3);D(3) TAB (4) USING B$(3);D(4) TAB (2) USING B$(3);D(5) TAB (2) USING B$(3);D(6) TAB (5);
00220 LPRINT USING B$(4);D(7) TAB (3) USING B$(3);D(8) TAB (4) USING B$(3);D(9) TAB (8) USING B$(2);D(10) TAB (3) USING B$(3);D(11) TAB (5) USING B$(3);D(12) TAB (3);
00221 LPRINT USING B$(6);D(13) TAB (3) USING B$(3);D(14) TAB (3) USING B$(3);D(15)
00222 CLEAR LPRINT
00223 CLOSE LPRINT
00224 END
00225
00226 REM: ROUTE 0
00227 IF S=1 THEN GOTO “BOFF”
00228 :
00229 “Plot”::
00230
00231 IF YEAR=1984 AND CUT=0 THEN A$=”B”
00232 IF YEAR=1984 AND CUT=1 THEN A$=”D”
00233
00234 :REM    Plots tree basal areas
00235 :REM   Variable K is expansion factor for scale of 1”=20’.
00236 :REM  Variable L is offset so plot will be in center of page.
00237
00238 BEEP:BEEP
00239 WINDOW#1, “DEF PAGE”:WIDTH LPRINT-2
00240 DEF PAGE:  IF PRCANCEL THEN PRINT “CANCEL PRESSED”:STOP
00241 DEF LPRINT:  IF PRCANCEL THEN PRINT “CANCEL PRESSED”:STOP
00242
00243 ROUTE 128
```

```
00244 COORDINATE WINDOW
00245
00246 K#=3.62:L#=135:M#=93
00247 CLS
00248 CALL MOVETO (234,99)
00249 TEXT 4,14,1
00250 PRINT"S T E M   M A P"
00251 PRINT:
00252 TEXT 4,10,0,1
00253
00254 IF YEAR=1984 AND CUT=0 THEN CALL MOVETO (223,118):PRINT F$
00255 IF YEAR=1984 AND CUT=1 THEN CALL MOVETO (179,118):PRINT F$
00256 IF YEAR=1989 THEN CALL MOVETO (216,118):PRINT F$
00257 IF YEAR=1996 THEN CALL MOVETO (216,118):PRINT F$
00258 IF YEAR=2001 THEN CALL MOVETO (216,118):PRINT F$
00259 REM: IF YEAR=1994 THEN CALL MOVETO (218,118):PRINT F$
00260 PRINT:PRINT
00261
00262 PEN 2,2
00263 BOX 0+L,0+L TO K*93.3381+L,K*93.3381+L
00264 CALL PENNORMAL
00265
00266 REM:  MARKS THE CENTER OF THE PLOT
00267 PLOT L+K*45.17,L+K*46.67 TO L+K*48.17,L+K*46.67
00268 PLOT L+K*46.67,L+K*45.17 TO L+K*46.67,L+K*48.17
00269
00270 REM:  PLOT TIC MARKS ON GRAPH
00271 FOR A=10 TO 90 STEP 10
00272   PLOT L+A*K,L+M*K TO L+A*K,L+M*K-4
00273   CALL MOVETO (L+A*K-12,L+M*K+15):PRINT A
00274 NEXT A
00275 FOR A=83 TO 3 STEP -10
00276   PLOT L+K-3,L+A*K TO L+K+2,L+A*K
00277   CALL MOVETO (L+K-25,L+A*K+6):PRINT 93-A
00278 NEXT A
00279
00280 REM:  LABELS THE TREE NUMBERS
00281 REM:  CANNOT USE AN AZMUITH OF 0
00282 CALL TEXTSIZE (5)
00283 FOR A=1 TO E(Q)
00284   IF CUT=1 THEN GOTO "CUT.1"
00285   "OK.1":
00286   IF A(A,V7)=0 AND A(A,V8)=0 THEN GOTO "LP"
00287   IF A(A,V3)>0 THEN GOTO "L1" ELSE GOTO "LP"
00288   "L1": I=(93.3381/2)+SIN(A(A,V7)*3.141592654/180)*A(A,V8)
```

```
00289   J=(93.3381/2)-COS(A(A,V7)*3.141592654/180)*A(A,V8)
00290   REM: If dbh=>14 prints tree # inside circle; otherwise prints it outside circle.
00291   IF A(A,V3)=>14 THEN CALL MOVETO (I*K+L-.28*A(A,V3),J*K+L+.15*A(A,V
3))
00292   IF A(A,V3)=>14 AND CUT=1 GOTO “x”
00293   “xr”:IF A(A,V3)=>14 AND CUT<>1 GOTO “x.1”
00294   “xrr”:IF A(A,V3)=>14 THEN GOTO “LP”
00295
00296    IF A(A,V3)<14 THEN CALL MOVETO (I*K+L+A(A,V3)/2+.05*A(A,V3)/
2,J*K+L)
00297   IF CUT=1 GOTO “w” ELSE GOTO “w.1”
00298 “LP”:NEXT A
00299
00300 REM: DRAWS TREE CIRCLES
00301 FOR A=1 TO E(Q)
00302   IF CUT=1 THEN GOTO “CUT.2”
00303   “OK.2”:
00304   IF A(A,V7)=0 AND A(A,V8)=0 THEN GOTO “CP”
00305   IF A(A,V3)>0 THEN GOTO “C1” ELSE GOTO “CP”
00306   “C1”: I=(93.3381/2)+SIN(A(A,V7)*3.141592654/180)*A(A,V8)
00307   J=(93.3381/2)-COS(A(A,V7)*3.141592654/180)*A(A,V8)
00308   CIRCLE I*K+L,J*K+L,A(A,V3)/2
00309   I=0:J=0
00310 “CP”:NEXT A
00311
00312 REM:  PRINTS CAPTION
00313 P=P+Q-1
00314 CALL TEXTSIZE (9)
00315 CALL MOVETO (L+K,L+M*K+30)
00316 PRINT”              Horizontal Distance (feet)”
00317 CALL TEXTSIZE (10)
00318 CALL MOVETO (L+K,L+M*K+60)
00319
00320 IF P<10 GOTO “F1” ELSE GOTO “F2”
00321
00322 “F1”: PRINT “Figure “;A$; USING “#.”;P;”  Stem map showing relative tree basal”:
GOTO “F3”
00323 “F2”: PRINT “Figure “;A$; USING “##.”;P;”  Stem map showing relative tree basal”
00324 “F3”: CALL MOVETO (L+K,L+M*K+72)
00325 PRINT “area for Plot “;C$(Q);”.  Distance and”
00326 CALL MOVETO (L+K,L+M*K+84)
00327 PRINT “plot boundary are at a scale of 1:240.  Tree basal”
00328 CALL MOVETO (L+K,L+M*K+96)
00329 PRINT “areas are enlarged by a factor of 3 for visualization.”
00330 CALL MOVETO (L+K,L+M*K+108)
```

```
00331 PRINT “All plots are one-fifth acre and are surrounded by a
00332 CALL MOVETO (L+K,L+M*K+120)
00333 PRINT”two-fifths acre buffer zone.”
00334
00335 ROUTE 0
00336 CLEAR LPRINT
00337
00338 “Q”
00339 “ZERO”:
00340 PRINT:PRINT:PRINT:PRINT”All temporary data array files are now being purged....”
00341 FOR A=1 TO 24
00342   D(A)=0
00343   FOR B=1 TO 38
00344     M(A,B)=0
00345     N(A,B)=0
00346     O(A,B)=0
00347   NEXT B
00348 NEXT A
00349
00350 “BOFF”
00351 PRINT “All temporary data array files are now being purged....”
00352
00353 REM: Set A and B to values in the A array.
00354
00355 FOR A=1 TO 167
00356   FOR B=1 TO 31
00357     A(A,B)=0
00358   NEXT B
00359 NEXT A
00360 RETURN
00361
00362
00363 REM: D=0:E=0:F=0:G=O:H=O
00364 REM: P=0:T=0:N=0:U=0:V=0:X=0
00365
00366 REM: NEXT Q
00367 BREAK OFF
00368 END
00369
00370 SEGMENT
00371
00372 “C”
00373 C$(1)=”1-1 (100 sq. ft./ac)”
00374 C$(2)=”1-2 (Control Plot)”
```

```
00375 C$(3)="1-3 (50 sq. ft./ac)"
00376 C$(4)="2-1 (50 sq. ft./ac)"
00377 C$(5)="2-2 (Control Plot)"
00378 C$(6)="2-3 (100 sq. ft./ac)"
00379 C$(7)="3-1 (50 sq. ft./ac)"
00380 C$(8)="3-2 (100 sq. ft./ac)"
00381 C$(9)="3-3 (Control Plot)"
00382 C$(10)="4-1 (100 sq. ft./ac)"
00383 C$(11)="4-2 (50 sq. ft./ac)"
00384 C$(12)="4-3 (Control Plot)"
00385 C$(13)="5-1 (50 sq. ft./ac)"
00386 C$(14)="5-2 (Control Plot)"
00387 C$(15)="5-3 (100 sq. ft./ac)"
00388 C$(16)="6-1 (50 sq. ft./ac)"
00389 C$(17)="6-2 (Control Plot)"
00390 C$(18)="6-3 (100 sq. ft./ac)"
00391 C$(19)="7-1 (100 sq. ft./ac)"
00392 C$(20)="7-2 (50 sq. ft./ac)"
00393 C$(21)="7-3 (Control Plot)"
00394 C$(22)="8-1 (100 sq. ft./ac)"
00395 C$(23)="8-2 (50 sq. ft./ac)"
00396 C$(24)="8-3 (Control Plot)"
00397 C$(25)="9-1 (100 sq. ft./ac)"
00398 C$(26)="9-2 (50 sq. ft./ac)"
00399 C$(27)="9-3 (Control Plot)"
00400 C$(28)="10-1 (50 sq. ft./ac)"
00401 C$(29)="10-2 (Control Plot)"
00402 C$(30)="10-3 (100 sq. ft./ac)"
00403 RETURN
00404
00405 "E"
00406 REM:  If ingrowth occurs; adjust no. of trees below (I Array).
00407 REM: F array (10,3); loads Cont plots in Col 1, 100sf in col 2, 50sf in col3
00408 E$(1)="1-1.R":E(1)=106:F(1,2)=1:I(1)=10
00409 E$(2)="1-2.R":E(2)=81:F(1,1)=2:I(2)=1
00410 E$(3)="1-3.R":E(3)=111:F(1,3)=3:I(3)=0
00411 E$(4)="2-1.R":E(4)=124:F(2,3)=4:I(4)=44
00412 E$(5)="2-2.R":E(5)=77:F(2,1)=5:I(5)=0
00413 E$(6)="2-3.R":E(6)=81:F(2,2)=6:I(6)=10
00414 E$(7)="3-1.R":E(7)=167:F(3,3)=7:I(7)=0
00415 E$(8)="3-2.R":E(8)=145:F(3,2)=8:I(8)=0
00416 E$(9)="3-3.R":E(9)=125:F(3,1)=9:I(9)=0
00417 E$(10)="4-1.R":E(10)=62:F(4,2)=10:I(10)=0
00418 E$(11)="4-2.R":E(11)=29:F(4,3)=11:I(11)=0
00419 E$(12)="4-3.R":E(12)=68:F(4,1)=12:I(12)=2
```

```
00420 E$(13)="5-1.R":E(13)=22:F(5,3)=13:I(13)=0
00421 E$(14)="5-2.R":E(14)=16:F(5,1)=14:I(14)=0
00422 E$(15)="5-3.R":E(15)=43:F(5,2)=15:I(15)=0
00423 E$(16)="6-1.R":E(16)=89:F(6,3)=16:I(16)=1
00424 E$(17)="6-2.R":E(17)=83:F(6,1)=17:I(17)=2
00425 E$(18)="6-3.R":E(18)=99:F(6,2)=18:I(18)=0
00426 E$(19)="7-1.R":E(19)=60:F(7,2)=19:I(19)=0
00427 E$(20)="7-2.R":E(20)=47:F(7,3)=20:I(20)=0
00428 E$(21)="7-3.R":E(21)=56:F(7,1)=21:I(21)=0
00429 E$(22)="8-1.R":E(22)=58:F(8,2)=22:I(22)=0
00430 E$(23)="8-2.R":E(23)=45:F(8,3)=23:I(23)=0
00431 E$(24)="8-3.R":E(24)=54:F(8,1)=24:I(24)=0
00432 E$(25)="9-1.R":E(25)=18:F(9,2)=25:I(25)=0
00433 E$(26)="9-2.R":E(26)=21:F(9,3)=26:I(26)=0
00434 E$(27)="9-3.R":E(27)=30:F(9,1)=27:I(27)=0
00435 E$(28)="10-1.R":E(28)=59:F(10,3)=28:I(28)=0
00436 E$(29)="10-2.R":E(29)=42:F(10,1)=29:I(29)=0
00437 E$(30)="10-3.R":E(30)=101:F(10,2)=30:I(30)=0
00438 RETURN
00439
00440 "VOL"::
00441 :REM  (EQN'S IN ENGLISH UNITS):
00442 N=0:U=0:V=0:X=0
00443 "CLO": IF A(A,V2)<>9 THEN GOTO "BO"
00444 U=0.0065261029*A(A,V3)^2.31958*A(A,V4)^0.62528
00445 V=.0024574847*A(A,V3)^2.53284*A(A,V4)^.60764
00446 REM:PRINT A(A,V1),(A(A,V3)^2*.005454),U,V
00447 IF A(A,5)=1 THEN RETURN
00448 IF A(A,5)=10 THEN X=.0006540144*A(A,V3)^2.24437*A(A,V4)^.81358*A(A,V5)
^.43381
00449 O(B,A(A,V2)+20)=O(B,A(A,V2)+20)+T*X:RETURN
00450
00451 "BO": IF A(A,V2)<>2 THEN GOTO "CWO"
00452 U=.0125103008*A(A,V3)^2.33089*A(A,V4)^0.4610
00453 V=.0042324071*A(A,V3)^2.53987*A(A,V4)^.50591:RETURN
00454
00455 "CWO": IF A(A,V2)<>1 THEN GOTO "TO"
00456 U=.0042870077*A(A,V3)^2.33631*A(A,V4)^.74872
00457 V=.0009684363*A(A,V3)^2.39565*A(A,V4)^.98878
00458 IF A(A,V5)=1 THEN RETURN
00459 IF A(A,V5)=10 THEN X=.0001880044*A(A,V3)^1.87346*A(A,V4)^1.62443
00460 O(B,A(A,V2)+20)=O(B,A(A,V2)+20)+T*X:RETURN
00461
00462 "TO": IF A(A,V2)<>3 THEN GOTO "MAD"
00463 U=.0058870024*A(A,V3)^1.94165*A(A,V4)^.86562
```

```
00464 V=.000577497*A(A,V3)^2.19576*A(A,V4)^1.14078
00465 RETURN
00466
00467 “MAD”: IF A(A,V2)<>8 THEN GOTO “BLM”
00468 U=.0067322665*A(A,V3)^1.96628*A(A,V4)^.83458
00469 V=.0025616425*A(A,V3)^1.99295*A(A,V4)^1.01532
00470 IF A(A,V5)=1 THEN RETURN
00471 IF A(A,V5)=10 THEN X=.000618153*A(A,V3)^1.72635*A(A,V4)^1.26462*A(A,V
5)^.37867
00472 O(B,A(A,V2)+20)=O(B,A(A,V2)+20)+T*X:RETURN
00473
00474 “BLM”: IF A(A,V2)<>5 THEN GOTO “L”
00475 U=.010178635*A(A,V3)^2.22462*A(A,V4)^.57561
00476 V=.0034214162*A(A,V3)^2.35347*A(A,V4)^.69586
00477 RETURN
00478
00479 “L”: IF A(A,V2)<>4 THEN GOTO “KNOB”
00480 U=.0057821322*A(A,V3)^1.94553*A(A,V4)^.88389
00481 V=.0016380753*A(A,V3)^2.0591*A(A,V4)^1.05293
00482 RETURN
00483
00484 “KNOB”: IF A(A,V2)<>6 THEN GOTO “DP”
00485 U=.001319897*A(A,V3)^2.01859*A(A,V4)^1.03906
00486 RETURN
00487
00488 “DP”: IF A(A,V2)<>7 THEN PRINT”TREE NOT FOUND!”;E$(Q);A(A,V1);A(A,V
2);A(A,V3):BEEP:STOP
00489 U=.001319897*A(A,V3)^2.01859*A(A,V4)^1.03906
00490 RETURN
00491
00492
00493 “1984”:
00494 V1=1:V2=2:V3=3:V4=4:V5=5:V6=6:V7=7:V8=8:V9=9:V10=10
00495 RETURN
00496
00497 “1989”:
00498 V1=11:V2=2:V3=12:V4=13:V5=5:V6=14:V7=7:V8=8:V9=15:V10=10
00499 RETURN
00500
00501 “1996”:
00502 V1=16:V2=2:V3=17:V4=18:V5=5:V6=19:V7=7:V8=8:V9=20:V10=10
00503 RETURN
00504
00505 “2001”:
00506 V1=21:V2=22:V3=23:V4=24:V5=25:V6=26:V7=27:V8=28:V9=29:V10=30
```

```
00507 RETURN
00508
00509
00510 REM:  If a tree has a new number, then it is printed, otherwise the orignal
00511 REM:     number is printed.  NEED to CHANGE A(A,11) to the column of the
00512 REM:     new number (e.g., in 1996 the column is A(A,16).
00513 “x”:
00514 IF A(A,21)>0 THEN PRINT A(A,21) ELSE PRINT USING”###x”;A(A,V1)
00515 GOTO “xr”
00516
00517 “x.1”:
00518 IF A(A,21)>0 THEN PRINT A(A,21) ELSE PRINT USING”###”;A(A,V1)
00519 GOTO “xrr”
00520
00521 “w”:
00522 IF A(A,21)>0 THEN PRINT A(A,21) ELSE PRINT USING”###x”;A(A,V1)
00523 GOTO “LP”
00524
00525 “w.1”:
00526 IF A(A,21)>0 THEN PRINT A(A,21) ELSE PRINT USING”###”;A(A,V1)
00527 GOTO “LP”
00528
00529 REM: Only used for 1984 residual (I think...)
00530
00531 REM: In next line, A(A,12) looks to see if tree is there, & A(A,14) to see if tree died.
00532 REM: If tree died, it still gets counted in the Residual Inventory.
00533 REM: If tree was thinned, it has no dbh and no “99” code; it gets skipped for Res. In-
vent.
00534
00535 “CUT”: IF A(A,17)>0 OR A(A,19)=99 THEN GOTO “OK” ELSE GOTO “Z”
00536 IF INVENT=1 THEN GOTO “Z”
00537 IF INVENT=2 THEN GOTO “ZDD1”
00538 IF INVENT=3 THEN GOTO “ZDD2”
00539 “CUT.1”:IF A(A,17)>0 OR A(A,19)=99 THEN GOTO “OK.1” ELSE GOTO “LP”
00540 “CUT.2”:IF A(A,17)>0 OR A(A,19)=99 THEN GOTO “OK.2” ELSE GOTO “CP”
00541
00542 REM:  “VARIABLES USED”
00543
00544 REM:              1984     1989       1996    2001
00545 REM:  ------------------------------------------------
00546 REM:  Tree#                    1       11       16       21
00547 REM:  Species code    2        2        2       22
00548 REM:  Dbh             3       12       17       23
00549 REM:  Total height    4       13       18       24
00550 REM:  Indicator code  5        5        5       25
```

```
00551 REM:  Vigor code      6       14       19       26
00552 REM:  Azmuith         7       7        7        27
00553 REM:  Horiz. Dist.    8       8        8        28
00554 REM:  Crown Class     9       15       20       29
00555 REM:  Cut code        10      10       10       30
00556
00557 SEGMENT
```

Appendix H

Computer Routines For Entering Data

ROUTINES FOR ENTERING NEW DATA

(based on the routine for entering 1996 data. Needs to be modified for you!)

1. Make sure codes affecting diameter are first YD, BT, SS see codes pg. 24.
2. If azimuth or HD changes change only in the 1989 section.
3. Select in control AH-AK, cut, click on AO, insert (becomes AK-AN)
4. Starting at AP, set up headings
5. Type in the equation for tree number columns and fill down
6. Select and copy AO-AV, note the following
   -select headings
   -do not save with something selected
   -do not close with split windows

Go to "Forage Stuff" in the file folder

1. Go to forage sheet with %
   -select it and duplicate changing name to .1996

For clumps and sprouts

1. Under sprout stuff and sprout data
2. Copy C-K skip a column and paste
3. Change name to 1996
4. Change file name to SS 01.1989,96

For Site Info. sheets

1. Add date to each
2. Make corrections and adjustments to the information
3. Delete July 1990 date
4. Add new measured date
5. Format footnotes
6. Tab out 1 more tab for the third measurements

To run the program

1. Open Excel file with the 1996 data in it (comp. 84/89)
   -open Macro (comp 84-96) called textfile Macro
   -click on first cell of macro
   -make sure data file is activated
2. Run Macro (option, open apple, A)
3. Cut excess lines off at the bottom so that you only have numbers in the file. Cut excess lines off to line 190+/-.
   -select text with word "total" and select that row and all others containing

zeroes. Command K= delete

-check that the zeroes stop on same row as data

4. Do a FILE SAVE AS and the type must be CSV (comma delimited)

-use the correct name Example: 1-1.R

-Close and say no to resaving it and close the original data file

5. Go to WORD in the finder and open it up
6. Open the file that you just created

-example: open 1-1.R

-Look at the bottom of the document for excess junk. The bottom of the file should end with 1 "Paragraph notation mark" and a dark line

-Save as a Text file as the same name and answer yes to the replace question

7. Run the program

-Open FutureBasic2 *****Make sure to check the preferences setting to make sure the "Integer" option is set to DOUBLE.

-Open F.Stand & Stock.8, Adjust the program For Q=__to__

-Click on a blank line

-Command R to run the program

-Before printing turn stand and stock table sideways

-If the program freezes check the preferences setting for integer (see above) and also check the remark at the very beginning of the program. Different architecture of the different computers may need the WINDOW 1 command active or remarked.

To get data for the diameter distribution graphs

1. Run the accumulator file called "F Stand & Stock.8.ACCUM"
2. At the print menu select destination file and send to a file
3. Open file using excel from within the application

-command O open

4. Use the excel data converter wizard to establish first line and decimal divider
5. Clean up junk from the bottom, first column, and last column
6. Put all data, by treatment, into one master array and align data top to bottom in a linear fashion.
7. Delete all columns except total columns.
8. Place data, by treatment, side by side.
9. Use chart wizard to develop graphs.

```
Sub DEFtoExcel()
‘
‘ DEFtoExcel Macro
‘ Macro recorded 2/11/02 by NRM
‘
‘1.  Next, run Future Basic program and change Destination from “Printer” to “File”,
     ‘When prompted Save file name as “Year.site-plot Total” or “YEAR.site-plot Res”, i.e. , 2001.6-2 Total
‘2.  Save in “Plot DEF Files” folder
‘3.  Before running the Excel macro in step 4,
‘     a) Open the file named “Heading Template”
‘     b) Change code as needed: StartRow:=816 or 820, folder names (CLO 2001 Files 4/11/2002),
‘        Skip first section or not (FILENAME label).
‘4.  Run the Excel Macro named “Converts DEF 2 to Excel, PRINTS”
‘     Select Res file first and Total File second.
‘     Follow directions
‘     File is automatically saved as: “2-3 TotalA” in folder named: “Macro has been _R_un”
‘       This file merges Total, Res and Ingrowth onto one sheet.
‘5. When done, do the following:
   ‘Insert Table Number, e.g., A1
   ‘Insert Site and Plot Number, e.g., 2-3
   ‘Insert thinning treatment, e.g., 50, 100 or Control
   ‘Erase bottom line
   ‘Close Total file, and Res file WITHOUT saving

‘=============================================================
‘THIS SKIPS FIRST SECTION; USE WITH ACCUMULATOR PROGRAM IF DOING CLEAN MANUALLY
‘GoTo FILENAME:
‘=============================================================

‘Select Res file first and Total File second.
   ChDir _
      “Burn and Run:Desktop Folder:CLO 2001 Files 4/11/2002:Living Tree Anal.2001:Done, Macro has been _R_un:”
   myFile1 = Application.GetOpenFilename

   Workbooks.OpenText FILENAME:=myFile1, _
      Origin:=xlMacintosh, StartRow:=816, DataType:=xlFixedWidth, FieldInfo _
      :=Array(Array(0, 9), Array(15, 1), Array(18, 1), Array(24, 1), Array(30, 1), Array(36, 1) _
      , Array(42, 1), Array(48, 1), Array(54, 1), Array(61, 1), Array(67, 1), Array(73, 1), Array( _
      82, 1), Array(88, 1), Array(94, 1), Array(102, 1), Array(108, 1), Array(114, 9))
   Rows(“48:622”).Select
   Selection.Delete Shift:=xlUp
   Range(“A48”).Select
   Columns(“A:P”).Select
   Selection.Sort Key1:=Range(“A1”), Order1:=xlAscending, Header:=xlGuess, _
      OrderCustom:=1, MatchCase:=False, Orientation:=xlTopToBottom
   Range(“A1”).Select

   myFile2 = Application.GetOpenFilename

   Workbooks.OpenText FILENAME:=myFile2, _
      Origin:=xlMacintosh, StartRow:=816, DataType:=xlFixedWidth, FieldInfo _
      :=Array(Array(0, 9), Array(15, 1), Array(18, 1), Array(24, 1), Array(30, 1), Array(36, 1) _
      , Array(42, 1), Array(48, 1), Array(54, 1), Array(61, 1), Array(67, 1), Array(73, 1), Array( _
      82, 1), Array(88, 1), Array(94, 1), Array(102, 1), Array(108, 1), Array(114, 9))
   Rows(“48:622”).Select
   Selection.Delete Shift:=xlUp
   Range(“A48”).Select
   Columns(“A:P”).Select
   Selection.Sort Key1:=Range(“A1”), Order1:=xlAscending, Header:=xlGuess, _
      OrderCustom:=1, MatchCase:=False, Orientation:=xlTopToBottom
   Range(“A1”).Select

‘=======
FILENAME:
‘=======

‘Setting up Total File with Residual & Ingrowth Information

   myFile3 = InputBox(“Enter Total filename”)
   myFile4 = InputBox(“Enter Residual filename”)

   Windows(myFile3).Activate
   Columns(“B:E”).Select
   Selection.Insert Shift:=xlToRight
   Columns(“I:L”).Select
   Application.CutCopyMode = False
   Selection.Insert Shift:=xlToRight
   Columns(“P:S”).Select
   Selection.Insert Shift:=xlToRight
   Columns(“W:Z”).Select
   Selection.Insert Shift:=xlToRight
   Columns(“AD:AG”).Select
   Selection.Insert Shift:=xlToRight
```

```
Range("AD1").Select


Windows(myFile4).Activate
Range("B1:C24").Select
Selection.Copy
Windows(myFile3).Activate
Range("D1").Select
ActiveSheet.Paste

Windows(myFile4).Activate
Range("E1:F24").Select
Selection.Copy
Windows(myFile3).Activate
Range("K1").Select
ActiveSheet.Paste
Windows(myFile4).Activate
Range("H1:I24").Select
Selection.Copy
Windows(myFile3).Activate
Range("R1").Select
ActiveSheet.Paste
Windows(myFile4).Activate
Range("K1:L24").Select
Selection.Copy
Windows(myFile3).Activate
Range("Y1").Select
ActiveSheet.Paste
Windows(myFile4).Activate
Range("N1:O24").Select
Selection.Copy
Windows(myFile3).Activate
Range("AF1").Select
ActiveSheet.Paste
Range("AF1").Select
Application.CutCopyMode = False


'Copying Table Headings from Template file
Range("B1").Select
Windows("Heading template").Activate
Rows("1:10").Select
Selection.Copy
Windows(myFile3).Activate
Rows("1:1").Select
Selection.Insert Shift:=xlDown


Windows(myFile3).Activate
Windows("Heading template").Activate
Range("B11:C34").Select
Selection.Copy
Windows(myFile3).Activate
Range("B11").Select
ActiveSheet.Paste
Range("I11").Select
ActiveSheet.Paste
Range("P11").Select
ActiveSheet.Paste
Range("W11").Select
ActiveSheet.Paste
Range("AD11").Select
ActiveSheet.Paste
Range("AA2").Select
Range("B11:B34").Select
Selection.Borders(xlLeft).LineStyle = xlNone
Selection.Borders(xlLeft).LineStyle = xlContinuous
Range("D11:D34").Select
With Selection.Borders(xlLeft)
    .LineStyle = xlContinuous
    .Weight = xlThin
    .ColorIndex = xlAutomatic
End With
Selection.Borders(xlRight).LineStyle = xlNone
Selection.Borders(xlTop).LineStyle = xlNone
Selection.Borders(xlBottom).LineStyle = xlNone
Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
Range("F11:F34").Select
With Selection.Borders(xlLeft)
    .LineStyle = xlContinuous
    .Weight = xlThin
    .ColorIndex = xlAutomatic
End With
Selection.Borders(xlRight).LineStyle = xlNone
Selection.Borders(xlTop).LineStyle = xlNone
Selection.Borders(xlBottom).LineStyle = xlNone
Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
Range("H11:H34").Select
With Selection.Borders(xlLeft)
    .LineStyle = xlContinuous
    .Weight = xlThin
    .ColorIndex = xlAutomatic
End With
Selection.Borders(xlRight).LineStyle = xlNone
Selection.Borders(xlTop).LineStyle = xlNone
Selection.Borders(xlBottom).LineStyle = xlNone
Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
Range("K11:K34").Select
```

```
    With Selection.Borders(xlLeft)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlRight).LineStyle = xlNone
    Selection.Borders(xlTop).LineStyle = xlNone
    Selection.Borders(xlBottom).LineStyle = xlNone
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Range("M11:M34").Select
    With Selection.Borders(xlLeft)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlRight).LineStyle = xlNone
    Selection.Borders(xlTop).LineStyle = xlNone
    Selection.Borders(xlBottom).LineStyle = xlNone
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Range("O11:O34").Select
    With Selection.Borders(xlLeft)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlRight).LineStyle = xlNone
    Selection.Borders(xlTop).LineStyle = xlNone
    Selection.Borders(xlBottom).LineStyle = xlNone
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    ActiveWindow.LargeScroll ToRight:=1
    Range("R11:R34").Select
    With Selection.Borders(xlLeft)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlRight).LineStyle = xlNone
    Selection.Borders(xlTop).LineStyle = xlNone
    Selection.Borders(xlBottom).LineStyle = xlNone
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Range("T11:T34").Select
    With Selection.Borders(xlLeft)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlRight).LineStyle = xlNone
    Selection.Borders(xlTop).LineStyle = xlNone
    Selection.Borders(xlBottom).LineStyle = xlNone
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Range("V11:V34").Select
    With Selection.Borders(xlLeft)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlRight).LineStyle = xlNone
    Selection.Borders(xlTop).LineStyle = xlNone
    Selection.Borders(xlBottom).LineStyle = xlNone
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Range("Y11:Y34").Select
    With Selection.Borders(xlLeft)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlRight).LineStyle = xlNone
    Selection.Borders(xlTop).LineStyle = xlNone
    Selection.Borders(xlBottom).LineStyle = xlNone
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Range("AA11:AA34").Select
    With Selection.Borders(xlLeft)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlRight).LineStyle = xlNone
    Selection.Borders(xlTop).LineStyle = xlNone
    Selection.Borders(xlBottom).LineStyle = xlNone
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Range("AC11:AC34").Select
    With Selection.Borders(xlLeft)
        .LineStyle = xlContinuous
        .Weight = xlThin
```

```
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlRight).LineStyle = xlNone
    Selection.Borders(xlTop).LineStyle = xlNone
    Selection.Borders(xlBottom).LineStyle = xlNone
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Range("AF11:AF34").Select
    With Selection.Borders(xlLeft)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlRight).LineStyle = xlNone
    Selection.Borders(xlTop).LineStyle = xlNone
    Selection.Borders(xlBottom).LineStyle = xlNone
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    ActiveWindow.SmallScroll ToRight:=8
    Range("AH11:AH34").Select
    With Selection.Borders(xlLeft)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlRight).LineStyle = xlNone
    Selection.Borders(xlTop).LineStyle = xlNone
    Selection.Borders(xlBottom).LineStyle = xlNone
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Range("AJ11:AJ34").Select
    With Selection.Borders(xlLeft)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlRight).LineStyle = xlNone
    Selection.Borders(xlTop).LineStyle = xlNone
    Selection.Borders(xlBottom).LineStyle = xlNone
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Range("AJ9:AJ34,AC9:AC34").Select
    Range("AC9").Activate
    Range("AJ9:AJ34,AC9:AC34,V9:V34,O9:
O34").Select
    Range("O9").Activate
    Range("AJ9:AJ34,AC9:AC34,V9:V34,O9:O34,H9:
H34").Select
    Range("H9").Activate
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    With Selection.Borders(xlEdgeLeft)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlEdgeTop).LineStyle = xlNone
    Selection.Borders(xlEdgeBottom).LineStyle =
xlNone
    With Selection.Borders(xlEdgeRight)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Range("A35:AJ35").Select
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Selection.Borders(xlEdgeLeft).LineStyle = xlNone
    Selection.Borders(xlEdgeTop).LineStyle = xlNone
    With Selection.Borders(xlEdgeBottom)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlEdgeRight).LineStyle = xl-
None
    Selection.Borders(xlInsideVertical).LineStyle =
xlNone
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Selection.Borders(xlEdgeLeft).LineStyle = xlNone
    With Selection.Borders(xlEdgeTop)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlEdgeBottom).LineStyle =
xlNone
    Selection.Borders(xlEdgeRight).LineStyle = xl-
None
    Selection.Borders(xlInsideVertical).LineStyle =
xlNone
    Range("B35").Select
    ActiveCell.FormulaR1C1 = "=SUM(R[-24]C:R[-
```

```
1]C)"
    Selection.AutoFill Destination:=Range("B35:
AJ35"), Type:=xlFillDefault
    Range("B35:AJ35").Select
    Range("A11:AJ35").Select
    Range("AJ35").Activate
    Selection.NumberFormat = "0   "
    With Selection
        .HorizontalAlignment = xlRight
        .VerticalAlignment = xlBottom
        .WrapText = False
        .Orientation = 0
        .ShrinkToFit = False
        .MergeCells = False
    End With
    Columns("A:AJ").Select
    Range("AJ1").Activate
    Columns("A:AJ").EntireColumn.AutoFit
    Range("C3").Select
    Columns("C:C").ColumnWidth = 7.33
    Columns("E:E").ColumnWidth = 6.5
    Columns("A:A").ColumnWidth = 4.83
    Columns("G:G").ColumnWidth = 5
    Columns("B:B").ColumnWidth = 7#
    Columns("I:I").ColumnWidth = 8.67
    Columns("J:J").ColumnWidth = 5.67
    Columns("K:K").ColumnWidth = 6.17
    Columns("L:L").ColumnWidth = 6.17
    Columns("N:N").ColumnWidth = 5.5
    Columns("P:P").ColumnWidth = 5.17
    Columns("Q:Q").ColumnWidth = 6
    Columns("R:R").ColumnWidth = 6.67
    Columns("S:S").ColumnWidth = 6
    Columns("T:T").ColumnWidth = 6.67
    Columns("U:U").ColumnWidth = 6.5
    Columns("W:W").ColumnWidth = 8.83
    Columns("X:X").ColumnWidth = 7.17
    Columns("Y:Y").ColumnWidth = 7.17
    Columns("Z:Z").ColumnWidth = 5.33
    Columns("AA:AA").ColumnWidth = 7
    Columns("AB:AB").ColumnWidth = 5.67
    Columns("AD:AD").ColumnWidth = 5.83
    Columns("AE:AE").ColumnWidth = 5.83
    Columns("AF:AF").ColumnWidth = 6.5
    Columns("AG:AG").ColumnWidth = 6.17
    Columns("AH:AH").ColumnWidth = 5.5
    Columns("AI:AI").ColumnWidth = 5.83
    Columns("D:D").ColumnWidth = 5.67
    Columns("F:F").ColumnWidth = 5.33
    Columns("H:H").ColumnWidth = 4.67
    Columns("M:M").ColumnWidth = 5.33
    Columns("V:V").ColumnWidth = 5.5

    Range("AJ5:AJ8").Select
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Selection.Borders(xlEdgeLeft).LineStyle = xlNone
    With Selection.Borders(xlEdgeTop)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlEdgeBottom).LineStyle =
xlNone
    With Selection.Borders(xlEdgeRight)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Range("AC5:AC8").Select
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Selection.Borders(xlEdgeLeft).LineStyle = xlNone
    With Selection.Borders(xlEdgeTop)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlEdgeBottom).LineStyle =
xlNone
    With Selection.Borders(xlEdgeRight)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Range("V5:V8").Select
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Selection.Borders(xlEdgeLeft).LineStyle = xlNone
    With Selection.Borders(xlEdgeTop)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlEdgeBottom).LineStyle =
xlNone
    With Selection.Borders(xlEdgeRight)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    ActiveWindow.LargeScroll ToRight:=-1
```

```
    Range("O5:O8").Select
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Selection.Borders(xlEdgeLeft).LineStyle = xlNone
    With Selection.Borders(xlEdgeTop)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlEdgeBottom).LineStyle =
xlNone
    With Selection.Borders(xlEdgeRight)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Range("H5:H8").Select
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Selection.Borders(xlEdgeLeft).LineStyle = xlNone
    With Selection.Borders(xlEdgeTop)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlEdgeBottom).LineStyle =
xlNone
    With Selection.Borders(xlEdgeRight)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Range("B5:B8").Select
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    With Selection.Borders(xlEdgeLeft)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    With Selection.Borders(xlEdgeTop)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlEdgeBottom).LineStyle =
xlNone
    Selection.Borders(xlEdgeRight).LineStyle = xl-
None
    Range("B10:B35").Select
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    With Selection.Borders(xlEdgeLeft)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    With Selection.Borders(xlEdgeTop)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlEdgeBottom).LineStyle =
xlNone
    Selection.Borders(xlEdgeRight).LineStyle = xl-
None
    Range("B9:C9").Select
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    With Selection.Borders(xlEdgeLeft)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlEdgeTop).LineStyle = xlNone
    With Selection.Borders(xlEdgeBottom)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    With Selection.Borders(xlEdgeRight)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlInsideVertical).LineStyle =
xlNone
    Range("H35").Select
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Selection.Borders(xlEdgeLeft).LineStyle = xlNone
    With Selection.Borders(xlEdgeTop)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
```

```
    Selection.Borders(xlEdgeBottom).LineStyle =
xlNone
    With Selection.Borders(xlEdgeRight)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Range("O35").Select
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Selection.Borders(xlEdgeLeft).LineStyle = xlNone
    With Selection.Borders(xlEdgeTop)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlEdgeBottom).LineStyle =
xlNone
    With Selection.Borders(xlEdgeRight)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Range("V35").Select
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Selection.Borders(xlEdgeLeft).LineStyle = xlNone
    With Selection.Borders(xlEdgeTop)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlEdgeBottom).LineStyle =
xlNone
    With Selection.Borders(xlEdgeRight)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Range("AC35").Select
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Selection.Borders(xlEdgeLeft).LineStyle = xlNone
    With Selection.Borders(xlEdgeTop)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlEdgeBottom).LineStyle =
xlNone
    With Selection.Borders(xlEdgeRight)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Range("AJ35").Select
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    Selection.Borders(xlEdgeLeft).LineStyle = xlNone
    With Selection.Borders(xlEdgeTop)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlEdgeBottom).LineStyle =
xlNone
    With Selection.Borders(xlEdgeRight)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Range("AJ38").Select
    Range("B6:AJ6").Select
    Selection.Font.Bold = True
    Range("E4").Select
    ActiveWindow.LargeScroll ToRight:=0
    Columns("A:A").Select
    Selection.Insert Shift:=xlToRight
    Selection.ColumnWidth = 4.33
    Range("B5:B35").Select
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    With Selection.Borders(xlEdgeLeft)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlEdgeTop).LineStyle = xlNone
    Selection.Borders(xlEdgeBottom).LineStyle =
xlNone
    With Selection.Borders(xlEdgeRight)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With

    Columns("W:W").ColumnWidth = 8.83
```

```
    Range("B5:B34").Select
    Selection.Borders(xlLeft).LineStyle = xlNone
    Selection.Borders(xlRight).LineStyle = xlNone
    Selection.Borders(xlTop).LineStyle = xlNone
    Selection.Borders(xlBottom).LineStyle = xlNone
    Selection.Borders(xlDiagonalDown).LineStyle =
xlNone
    Selection.Borders(xlDiagonalUp).LineStyle =
xlNone
    With Selection.Borders(xlEdgeLeft)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlEdgeTop).LineStyle = xlNone
    With Selection.Borders(xlEdgeBottom)
        .LineStyle = xlContinuous
        .Weight = xlThin
        .ColorIndex = xlAutomatic
    End With
    With Selection.Borders(xlEdgeRight)
        .LineStyle = xlDouble
        .Weight = xlThick
        .ColorIndex = xlAutomatic
    End With
    Selection.Borders(xlInsideHorizontal).LineStyle =
xlNone
    Range("B5").Select
    Selection.Borders(xlTop).LineStyle = xlContinuous
    Range("B8").Select
    Selection.Borders(xlTop).LineStyle = xlContinuous
    Range("B10").Select
    Selection.Borders(xlBottom).LineStyle = xlCon-
tinuous
    Range("K43").Select



    Windows(myFile3).Activate
    Selection.Borders(xlTop).LineStyle = xlContinuous
    Columns("B:B").Select
    Selection.Copy
    Range("X9:Y9").Select
    Application.CutCopyMode = False
    With Selection
        .HorizontalAlignment = xlCenter
        .VerticalAlignment = xlBottom
        .WrapText = False
        .Orientation = 0
        .ShrinkToFit = False
        .MergeCells = False
    End With
    Columns("B:B").Select
    Selection.Copy
    Columns("X:X").Select
    Selection.Insert Shift:=xlToRight

    Range("B1:D2").Select
    Selection.Copy
    Range("Y1").Select
    ActiveSheet.Paste
    Range("Y1:AA2").Select
    Application.CutCopyMode = False
    Selection.Cut
    Range("X1").Select
    ActiveSheet.Paste

    Range("X1").Select
    ActiveCell.FormulaR1C1 = "=RC[-22]"
    With Selection
        .HorizontalAlignment = xlLeft
    End With
    Range("Z1").Select
    ActiveCell.FormulaR1C1 = "=""(continued).
""&RC[-22]"
    With Selection
        .HorizontalAlignment = xlLeft
    End With

    Columns("I:I").ColumnWidth = 8.67

    'Saves Tables
    Range("L38").Select
    ChDir _
        "Burn and Run:Desktop Folder:CLO 2001 Files
4/11/2002:Living Tree Anal.2001:Done, Macro has
been _R_un:"
    ActiveWorkbook.SaveAs FILENAME:=myFile3 &
("A"), FileFormat:=xlNormal, _
        Password:="", WriteResPassword:="", ReadOn-
lyRecommended:=False, _
        CreateBackup:=False

End Sub
```

Sub RawDataMacro()

```
‘
‘ RawDataMacro Macro
‘ Macro recorded 3/5/2004 by Norman Pillsbury
‘
‘Next time, cut out IND CODE, AZ, HD, CUT CODE from 2001 and 2008.
‘We MUST change the name in next line; copy name from file.
    Windows(“Site 10-3(100).L2001”).Activate
    With ActiveWindow
        .Width = 1433
        .Height = 796
    End With
    Cells.Select
    Selection.Copy
    Range(“A1”).Select
    Sheets.Add
    Cells.Select
    Selection.PasteSpecial Paste:=xlValues, Operation:
=xlNone, SkipBlanks:= _
        False, Transpose:=False
    Selection.PasteSpecial Paste:=xlFormats,
Operation:=xlNone, SkipBlanks:= _
        False, Transpose:=False
    Range(“A1”).Select
    Columns(“I:I”).EntireColumn.AutoFit
    Columns(“L:L”).ColumnWidth = 0.83
    Range(“AH3”).Select
    Application.CutCopyMode = False
    ActiveCell.FormulaR1C1 = “NOTES &”
    Range(“AH4”).Select
    ActiveCell.FormulaR1C1 = “REMARKS”
    Range(“AH5”).Select
    Columns(“AG:AG”).EntireColumn.AutoFit
    Range(“AH3:AH4”).Select
    Selection.Copy
    Range(“AV3”).Select
    ActiveSheet.Paste
    ActiveWindow.ScrollColumn = 42
    Range(“AV2”).Select
    Columns(“AU:AU”).EntireColumn.AutoFit
    Columns(“AW:CK”).Select
    Application.CutCopyMode = False
    Selection.Delete Shift:=xlToLeft
    Range(“AW2”).Select
    Columns(“AW:AW”).ColumnWidth = 1
    Columns(“AH:AH”).ColumnWidth = 8.57
    Columns(“AV:AV”).ColumnWidth = 9
    Range(“AV3:AV4”).Select
    Selection.Copy
    Range(“BH3”).Select
    ActiveSheet.Paste
    Selection.Borders(xlRight).LineStyle =
xlContinuous
    Range(“BI3”).Select
    Columns(“BH:BH”).EntireColumn.AutoFit
    Range(“BH4”).Select
    Selection.Borders(xlBottom).LineStyle =
xlContinuous
    Columns(“BF:BF”).EntireColumn.AutoFit
    Columns(“BI:BZ”).Select
    Selection.Delete Shift:=xlToLeft
    Range(“BO19”).Select
    ActiveWindow.ScrollColumn = 1
    Range(“A1”).Select



    With ActiveSheet.PageSetup
        .LeftHeader = “”
        .CenterHeader = “”
        .RightHeader = “”
        .LeftFooter = “”
        .CenterFooter = “”
        .RightFooter = “”
        .LeftMargin = Application.InchesToPoints(0.75)
        .RightMargin = Application.InchesToPoints(0.7
5)
        .TopMargin = Application.InchesToPoints(1)
        .BottomMargin = Application.InchesToPoints(1)
        .HeaderMargin = Application.InchesToPoints(0
.5)
        .FooterMargin = Application.InchesToPoints(0.5)
        .PrintHeadings = False
        .PrintGridlines = False
        .PrintComments = xlPrintNoComments
        .PrintQuality = -4
        .CenterHorizontally = False
        .CenterVertically = False
        .Orientation = xlLandscape
        .Draft = False
        .FirstPageNumber = xlAutomatic
        .Order = xlDownThenOver
        .BlackAndWhite = False
        .Zoom = False
        .FitToPagesWide = 1
        .FitToPagesTall = False
    End With
    With ActiveSheet.PageSetup
        .RightMargin = Application.InchesToPoints(0.5
6)
        .Zoom = False
        .FitToPagesWide = 1
        .FitToPagesTall = 1
    End With
    With ActiveSheet.PageSetup
        .TopMargin = Application.InchesToPoints(0.71)
```

```
        .Zoom = False
        .FitToPagesWide = 1
        .FitToPagesTall = 1
    End With
    With ActiveSheet.PageSetup
        .FooterMargin = Application.InchesToPoints(0.
25)
        .Zoom = False
        .FitToPagesWide = 1
        .FitToPagesTall = 1
    End With
    With ActiveSheet.PageSetup
        .BottomMargin = Application.InchesToPoints(0
.46)
        .Zoom = False
        .FitToPagesWide = 1
        .FitToPagesTall = 1
    End With

    With ActiveSheet.PageSetup
        .LeftMargin = Application.InchesToPoints(0.43)
.Zoom = False
        .FitToPagesWide = 1
        .FitToPagesTall = 1
    End With
    With ActiveSheet.PageSetup
        .LeftHeader = "&C&""Geneva,Bold""Appendix
C.  &F"
        .CenterHeader = "&""Geneva,Bold""Appendix
C.  &F"
        .RightHeader = ""
        .LeftFooter = ""
        .CenterFooter = ""
        .RightFooter = ""
        .LeftMargin = Application.InchesToPoints(0.43)
        .RightMargin = Application.InchesToPoints(0.5
6)
        .TopMargin = Application.InchesToPoints(1#)
        .BottomMargin = Application.InchesToPoints(0
.46)
        .HeaderMargin = Application.InchesToPoints(0
.7)
        .FooterMargin = Application.InchesToPoints(0.
25)
        .PrintHeadings = False
        .PrintGridlines = True
        .PrintComments = xlPrintNoComments
        .PrintQuality = -4
        .CenterHorizontally = False
        .CenterVertically = False
        .Orientation = xlLandscape
        .Draft = False
        .FirstPageNumber = xlAutomatic
        .Order = xlDownThenOver
        .BlackAndWhite = False
        .Zoom = False
        .FitToPagesWide = 1
        .FitToPagesTall = False
    End With


    ActiveWindow.SelectedSheets.PrintOut Copies:=1,
Preview:=False
    Range("BD6").Select
    ActiveWindow.Close

End Sub
```

Appendix I

Photographs Of Oak Thinning Measurements (2001)

Checking for plot boundary

Retagging a tree

Sampling for forage biomass

Measuring tree dbh. Note the measurement goes below the swelling.

Measuring tree height using a cloth tape and a clinometer