The Los Banos Grandes Facilities
Sycamore Pilot Program

Evaluation of Restoration and Creation Techniques for Mitigation of the Sycamore Riparian Woodland at the Proposed Los Banos Grandes Facilities

A MEMORANDUM REPORT

BASIC DATA APPENDIXES

Division of Planning

Department of Water Resources

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INTRODUCTION

The Los Banos Grandes Facilities Sycamore Pilot Program consists of four studies: the San Luis Field Division (SLFD) Sycamore Pilot Program, the Orestimba Exclusion Plot, the Medeiros Restoration Program, and the Catfish Flat Sycamore Transplant. These studies are generating horticultural information that will be used in establishing a mitigation plan for the loss of sycamore riparian woodland caused by the construction and operation of the proposed Los Banos Grandes Facilities.

These appendixes present basic data collected between February 1990 and May 1991 in the course of the investigation. The results are summarized in a separately published report, *The Los Banos Grandes Facilities Sycamore Pilot Program: Evaluation of Restoration and Creation Techniques for Mitigation of the Sycamore Riparian Woodland at the Proposed Los Banos Grandes Facilities – A Memorandum Report* (August 1991).

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Appendix A

SLFD SYCAMORE PILOT PROGRAM: EXPLANATION OF REPLICATES

APPENDIX A
SLFD SYCAMORE PILOT PROGRAM
NUMBERING SYSTEM FOR REPLICATES

TREATMENT					
No Basket No Irrigation	**Basket No Irrigation**	**Fence No Irrigation**	**Fence Irrigation**	**No Basket Irrigation**	**Basket Irrigation**
Tree Size: 5 Gallon					
1-3 25-27 49-51 73-75	4-6 28-30 52-54 76-78	7-9 31-33 55-57 79-81	10-12 34-36 58-60 82-84	13-18 37-42 61-66 85-88	19-24 43-48 67-72
Tree Size: 1 Gallon					
1-3 25-27 49-51 73-75 97-99 121-123 145-147 169-171 193-195 217-219 241-243 265-267 289-291 313-315 337-339 361-363 385-387 409-411	4-6 28-30 52-54 76-78 100-102 124-126 148-150 172-174 196-198 220-222 244-246 268-270 292-294 316-318 340-342 364-366 388-390 412-414	7-9 31-33 55-57 79-81 103-105 127-129 151-153 175-177 199-201 223-225 247-249 271-273 295-297 319-321 343-345 367-369 391-393 415-417	10-12 34-36 58-60 82-84 106-108 130-132 154-156 178-180 202-204 226-228 250-252 274-276 298-300 322-324 346-348 370-372 394-396 418-420 A1-A8	13-18 37-42 61-66 85-90 109-114 133-138 157-162 181-186 205-210 229-234 253-258 277-282 301-306 325-330 349-354 373-378 397-402 421-426	19-24 43-48 67-72 91-96 115-120 139-144 163-168 187-192 211-216 235-240 259-264 283-288 307-312 331-336 355-360 379-384 403-408 427-432
Tree Size: Sleeve					
1-6 49-54 97-102	7-12 55-60 103-108	13-18 61-66 109-114	19-24 67-72 115-120	25-36 73-84 121-132	37-48 85-96 133-144
Tree Size: Cutting					
		1-10	11-20		

Appendix B

SLFD SYCAMORE PILOT PROGRAM: FIVE-GALLON TREE DATA SHEET

APPENDIX B. SLFD SYCAMORE PILOT PROGRAM
FIVE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	VIGOR*	DAMAGE**
2/2/90	5 GALLON	1	64	1	L-M
2/2/90	5 GALLON	2	50	1	L-M
2/2/90	5 GALLON	3	63	1	L-M
2/2/90	5 GALLON	4	68	1	L-M
2/2/90	5 GALLON	5	51	1	L-M
2/2/90	5 GALLON	6	70	1	L-M
2/2/90	5 GALLON	7	66	1	
2/2/90	5 GALLON	8	114	1	
2/2/90	5 GALLON	9	39	1	
2/2/90	5 GALLON	10	46	1	
2/2/90	5 GALLON	11	52	1	
2/2/90	5 GALLON	12	67	1	
2/2/90	5 GALLON	13	90	1	
2/2/90	5 GALLON	14	56	1	
2/2/90	5 GALLON	15	72	1	
2/2/90	5 GALLON	16	86	1	
2/2/90	5 GALLON	17	87	1	
2/2/90	5 GALLON	18	84	1	
2/2/90	5 GALLON	19	63	1	
2/2/90	5 GALLON	20	78	1	
2/2/90	5 GALLON	21	73	1	
2/2/90	5 GALLON	22	57	1	
2/2/90	5 GALLON	23	36	1	
2/2/90	5 GALLON	24	56	1	
2/2/90	5 GALLON	25	50	1	M-M
2/2/90	5 GALLON	26	53	1	L-M
2/2/90	5 GALLON	27	60	1	
2/2/90	5 GALLON	28	60	1	
2/2/90	5 GALLON	29	68	1	
2/2/90	5 GALLON	30	78	1	L-M
2/2/90	5 GALLON	31	79	1	
2/2/90	5 GALLON	32	74	1	

VIGOR*:	DAMAGE**:	only damaged trees were recorded
1=healthy	H=high	I=insect
2=senescent	M=medium	M=mammal
3=dead	L=low	

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APPENDIX B. SLFD SYCAMORE PILOT PROGRAM

FIVE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	VIGOR*	DAMAGE**
2/2/90	5 GALLON	33	75	1	
2/2/90	5 GALLON	34	72	1	
2/2/90	5 GALLON	35	67	1	
2/2/90	5 GALLON	36	30	1	
2/2/90	5 GALLON	37	44	1	
2/2/90	5 GALLON	38	63	1	
2/2/90	5 GALLON	39	30	1	
2/2/90	5 GALLON	40	58	1	
2/2/90	5 GALLON	41	56	1	
2/2/90	5 GALLON	42	29	1	
2/2/90	5 GALLON	43	73	1	
2/2/90	5 GALLON	44	63	1	
2/2/90	5 GALLON	45	54	1	
2/2/90	5 GALLON	46	56	1	
2/2/90	5 GALLON	47	45	1	
2/2/90	5 GALLON	48	73	1	
2/2/90	5 GALLON	49	60	1	H-M
2/2/90	5 GALLON	50	53	1	
2/2/90	5 GALLON	51	55	1	
2/2/90	5 GALLON	52	56	1	
2/2/90	5 GALLON	53	48	1	
2/2/90	5 GALLON	54	57	1	
2/2/90	5 GALLON	55	60	1	
2/2/90	5 GALLON	56	65	1	
2/2/90	5 GALLON	57	67	1	
2/2/90	5 GALLON	58	66	1	
2/2/90	5 GALLON	59	65	1	
2/2/90	5 GALLON	60	115	1	
2/2/90	5 GALLON	61	62	1	L-M
2/2/90	5 GALLON	62	57	1	
2/2/90	5 GALLON	63	64	1	
2/2/90	5 GALLON	64	54	1	

VIGOR*:	DAMAGE**:	only damaged trees were recorded
1=healthy	H=high	I=insect
2=senescent	M=medium	M=mammal
3=dead	L=low	

APPENDIX B. SLFD SYCAMORE PILOT PROGRAM
FIVE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	VIGOR*	DAMAGE**
2/2/90	5 GALLON	65	66	1	
2/2/90	5 GALLON	66	49	1	
2/2/90	5 GALLON	67	85	1	
2/2/90	5 GALLON	68	78	1	
2/2/90	5 GALLON	69	74	1	
2/2/90	5 GALLON	70	45	1	
2/2/90	5 GALLON	71	51	1	
2/2/90	5 GALLON	72	57	1	
2/2/90	5 GALLON	73	55	1	H-M
2/2/90	5 GALLON	74	18	1	H-M
2/2/90	5 GALLON	75	44	1	
2/2/90	5 GALLON	76	55	1	L-M
2/2/90	5 GALLON	77	13	1	H-M
2/2/90	5 GALLON	78	18	1	H-M
2/2/90	5 GALLON	79	57	1	
2/2/90	5 GALLON	80	71	1	
2/2/90	5 GALLON	81	70	1	
2/2/90	5 GALLON	82	57	1	
2/2/90	5 GALLON	83	38	1	
2/2/90	5 GALLON	84	79	1	
2/2/90	5 GALLON	85	64	1	
2/2/90	5 GALLON	86	47	1	
2/2/90	5 GALLON	87	65	1	
2/2/90	5 GALLON	88	72	1	

MINIMUM HEIGHT: 13
MAXIMUM HEIGHT: 115
AVERAGE HEIGHT: 60.57

VIGOR*:	DAMAGE**:	only damaged trees were recorded
1=healthy	H=high	I=insect
2=senescent	M=medium	M=mammal
3=dead	L=low	

APPENDIX B. SLFD SYCAMORE PILOT PROGRAM

FIVE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	PLANTED 12/90	VIGOR*	DAMAGE**
6/29/90	5 GALLON	10	44		1	
6/29/90	5 GALLON	13	96		1	
6/29/90	5 GALLON	14	54		1	
6/29/90	5 GALLON	15	66		1	
6/29/90	5 GALLON	16	72		1	
6/29/90	5 GALLON	17	27		1	
6/29/90	5 GALLON	18	83		1	
6/29/90	5 GALLON	19	77		1	
6/29/90	5 GALLON	20	86		1	
6/29/90	5 GALLON	21	73		1	
6/29/90	5 GALLON	22	16		1	
6/29/90	5 GALLON	35	66		1	
6/29/90	5 GALLON	37	48		1	
6/29/90	5 GALLON	38	60		1	
6/29/90	5 GALLON	40	73		1	
6/29/90	5 GALLON	41	7		1	
6/29/90	5 GALLON	42	38		1	
6/29/90	5 GALLON	43	86		1	
6/29/90	5 GALLON	44	64		1	
6/29/90	5 GALLON	45	52		1	
6/29/90	5 GALLON	46	48		1	
6/29/90	5 GALLON	47	54		1	
6/29/90	5 GALLON	48	81		1	
6/29/90	5 GALLON	59	63		1	
6/29/90	5 GALLON	61	4		1	
6/29/90	5 GALLON	62	63		1	
6/29/90	5 GALLON	63	69		1	
6/29/90	5 GALLON	64	52		1	
6/29/90	5 GALLON	66	16		1	
6/29/90	5 GALLON	67	90		1	
6/29/90	5 GALLON	68	81		1	

VIGOR*:	DAMAGE**:	only damaged trees were recorded	
1=healthy	H=high	I=insect	R=rabbit
2=senescent	M=medium	M=mammal	D=deer
3=dead	L=low		

APPENDIX B. SLFD SYCAMORE PILOT PROGRAM

FIVE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	PLANTED 12/9	VIGOR*	DAMAGE**
6/29/90	5 GALLON	69	76		1	
6/29/90	5 GALLON	70	39		1	
6/29/90	5 GALLON	71	56		1	
6/29/90	5 GALLON	72	62		1	

MINUMUM HEIGHT:	4.00	VIGOR*:	DAMAGE**:	only damaged trees recorde	
MAXIMUM HEIGHT:	96.00	1=healthy	H=high	I=insect	R=rabbit
AVERAGE HEIGHT:	58.34	2=senescent	M=medium	M=mammal	D=deer
		3=dead	L=low		

The following trees died during the April 1990 power outage and subsequent error in resetting the times: 11, 12, 23, 24, 34, 36, 39, 58, 60, 65, 83, 84, 85, 86, 87.

APPENDIX B. SLFD SYCAMORE PILOT PROGRAM

FIVE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	PLANTED 12/90	VIGOR*	DAMAGE**
8/23/90	5 GALLON	10	41		1	
8/23/90	5 GALLON	13	100		1	
8/23/90	5 GALLON	14	70		1	
8/23/90	5 GALLON	15	70		1	
8/23/90	5 GALLON	16	51		1	
8/23/90	5 GALLON	17	24		1	
8/23/90	5 GALLON	18	62		1	
8/23/90	5 GALLON	19	75		1	
8/23/90	5 GALLON	20	87		1	
8/23/90	5 GALLON	21	43		1	
8/23/90	5 GALLON	22	32		1	
8/23/90	5 GALLON	34	15		1	
8/23/90	5 GALLON	35	46		1	
8/23/90	5 GALLON	37	59		1	
8/23/90	5 GALLON	38	59		1	
8/23/90	5 GALLON	40	73		1	
8/23/90	5 GALLON	41	16		1	
8/23/90	5 GALLON	42	21		1	
8/23/90	5 GALLON	43	90		1	
8/23/90	5 GALLON	44	38		1	
8/23/90	5 GALLON	45	54		1	
8/23/90	5 GALLON	46	39		1	
8/23/90	5 GALLON	47	59		1	
8/23/90	5 GALLON	48	86		1	
8/23/90	5 GALLON	59	63		1	
8/23/90	5 GALLON	62	97		1	
8/23/90	5 GALLON	63	74		1	
8/23/90	5 GALLON	64	52		1	
8/23/90	5 GALLON	66	33		1	
8/23/90	5 GALLON	67	67		1	
8/23/90	5 GALLON	68	87		1	

VIGOR*:	DAMAGE**:	only damaged trees were recorded	
1=healthy	H=high	I=insect	R=rabbit
2=senescent	M=medium	M=mammal	D=deer
3=dead	L=low		

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APPENDIX B. SLFD SYCAMORE PILOT PROGRAM

FIVE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	PLANTED 12/9	VIGOR*	DAMAGE**
8/23/90	5 GALLON	69	61		1	
8/23/90	5 GALLON	70	31		1	
8/23/90	5 GALLON	71	81		1	
8/23/90	5 GALLON	72	68		1	
8/23/90	5 GALLON	82	32		1	

MINUMUM HEIGHT:	15.00	VIGOR*:	DAMAGE**:	only damaged trees recorde	
MAXIMUM HEIGHT:	100.00	1=healthy	H=high	I=insect	R=rabbit
AVERAGE HEIGHT:	57.11	2=senescent	M=medium	M=mammal	D=deer
		3=dead	L=low		

D-054229

D-054229

APPENDIX B. SLFD SYCAMORE PILOT PROGRAM

FIVE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	PLANTED 12/9	VIGOR*	DAMAGE**
11/9/90	5 GALLON	10	32		4	
11/9/90	5 GALLON	13	93		4	L-M
11/9/90	5 GALLON	14	75		4	
11/9/90	5 GALLON	15	81		4	
11/9/90	5 GALLON	16	69		4	
11/9/90	5 GALLON	17	36		4	
11/9/90	5 GALLON	18	66		4	
11/9/90	5 GALLON	19	89		4	
11/9/90	5 GALLON	20	95		4	
11/9/90	5 GALLON	21	56		4	
11/9/90	5 GALLON	22	57		4	
11/9/90	5 GALLON	34	36		4	
11/9/90	5 GALLON	35	69		4	
11/9/90	5 GALLON	37	68		4	
11/9/90	5 GALLON	38	71		4	
11/9/90	5 GALLON	40	66		4	
11/9/90	5 GALLON	41	18		4	
11/9/90	5 GALLON	42	29		4	
11/9/90	5 GALLON	43	110		4	
11/9/90	5 GALLON	44	49		4	
11/9/90	5 GALLON	45	76		4	
11/9/90	5 GALLON	46	60		4	
11/9/90	5 GALLON	47	72		4	
11/9/90	5 GALLON	48	90		4	
11/9/90	5 GALLON	59	74		4	
11/9/90	5 GALLON	62	85		4	
11/9/90	5 GALLON	63	70		4	
11/9/90	5 GALLON	64	60		4	
11/9/90	5 GALLON	66	33		4	
11/9/90	5 GALLON	67	78		4	
11/9/90	5 GALLON	68	96		4	

VIGOR*: 1=healthy, 2=senescent, 3=dead, 4=dormant

DAMAGE:** only damaged trees were recorded; H=high, M=medium, L=low; I=insect, M=mammal, R=rabbit, D=deer

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D-054230

APPENDIX B. SLFD SYCAMORE PILOT PROGRAM

FIVE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	PLANTED 12/9	VIGOR*	DAMAGE**
11/9/90	5 GALLON	69	76		4	L-M
11/9/90	5 GALLON	70	42		4	
11/9/90	5 GALLON	71	77		4	
11/9/90	5 GALLON	72	88		4	
11/9/90	5 GALLON	82	57		4	

		VIGOR*:	DAMAGE**:	only damaged trees recorde
MINUMUM HEIGHT:	18.00	1=healthy	H=high	
MAXIMUM HEIGHT:	110.00	2=senescent	M=medium	M=mammal
AVERAGE HEIGHT:	66.64	3=dead	L=low	
		4=dormant		

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APPENDIX B. SLFD SYCAMORE PILOT PROGRAM

FIVE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	PLANTED 12/9	VIGOR*	DAMAGE**
5/10/91	5 GALLON	10	64		1	L-M
5/10/91	5 GALLON	11	38	x	1	
5/10/91	5 GALLON	12	51	x	1	
5/10/91	5 GALLON	13	110		1	
5/10/91	5 GALLON	14	90		1	
5/10/91	5 GALLON	15	90		1	
5/10/91	5 GALLON	16	93		1	
5/10/91	5 GALLON	17	43		1	
5/10/91	5 GALLON	18	69		1	
5/10/91	5 GALLON	19	94		1	
5/10/91	5 GALLON	20	93		1	
5/10/91	5 GALLON	21	61		1	
5/10/91	5 GALLON	22	63		1	
5/10/91	5 GALLON	23	22	x	1	
5/10/91	5 GALLON	24	11	x	1	
5/10/91	5 GALLON	34	36		1	
5/10/91	5 GALLON	35	75		1	
5/10/91	5 GALLON	36	54	x	1	
5/10/91	5 GALLON	37	74		1	
5/10/91	5 GALLON	38	77		1	
5/10/91	5 GALLON	39	55	x	1	
5/10/91	5 GALLON	40	106		1	
5/10/91	5 GALLON	41	22		1	
5/10/91	5 GALLON	42	32		1	
5/10/91	5 GALLON	43	112		1	
5/10/91	5 GALLON	44	51		1	
5/10/91	5 GALLON	45	78		2	
5/10/91	5 GALLON	46	60		1	
5/10/91	5 GALLON	47	77		1	
5/10/91	5 GALLON	48	100		1	
5/10/91	5 GALLON	58	58	x	1	

VIGOR*:		DAMAGE**:	only damaged trees were recorded	
1=healthy		H=high	I=insect	R=rabbit
2=senescent		M=medium	M=mammal	D=deer
3=dead	4=sensecent	L=low		

D-054232

D-054232

APPENDIX B. SLFD SYCAMORE PILOT PROGRAM

FIVE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	PLANTED 12/9	VIGOR*	DAMAGE**
5/10/91	5 GALLON	59	78		1	
5/10/91	5 GALLON	60	69	x	1	L-M
5/10/91	5 GALLON	61	19	x	1	
5/10/91	5 GALLON	62	88		1	
5/10/91	5 GALLON	63	73		1	
5/10/91	5 GALLON	64	62		1	
5/10/91	5 GALLON	65	72	x	1	
5/10/91	5 GALLON	66	35		1	
5/10/91	5 GALLON	67	73		1	
5/10/91	5 GALLON	68	100		1	
5/10/91	5 GALLON	69	83		1	
5/10/91	5 GALLON	70	48		1	
5/10/91	5 GALLON	71	79		1	
5/10/91	5 GALLON	72	85		1	
5/10/91	5 GALLON	82	55		2	
5/10/91	5 GALLON	83	59	x	1	
5/10/91	5 GALLON	84	62	x	2	
5/10/91	5 GALLON	85	71	x	1	
5/10/91	5 GALLON	86	39	x	1	
5/10/91	5 GALLON	87	21	x	1	

MINUMUM HEIGHT: 11.00

MAXIMUM HEIGHT: 112.00

AVERAGE HEIGHT: 73.03 (average does not include trees planted in 12/90

VIGOR*:	DAMAGE**:	only damaged trees were recorded	
1=healthy	H=high	I=insect	R=rabbit
2=senescent	M=medium	M=mammal	D=deer
3=dead	L=low		

Appendix C

SLFD SYCAMORE PILOT PROGRAM: ONE-GALLON TREE DATA SHEET

D—054234

D-054234

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	VIGOR*	DAMAGE**
2/2/90	1 GALLON	1	11	2	H-M
2/2/90	1 GALLON	2	42	1	
2/2/90	1 GALLON	3	37	1	
2/2/90	1 GALLON	4	40	1	
2/2/90	1 GALLON	5	9	2	H-M
2/2/90	1 GALLON	6	18	2	H-M
2/2/90	1 GALLON	7	36	1	
2/2/90	1 GALLON	8	28	1	
2/2/90	1 GALLON	9	22	1	
2/2/90	1 GALLON	10	34	1	
2/2/90	1 GALLON	11	45	1	
2/2/90	1 GALLON	12	36	1	
2/2/90	1 GALLON	13	42	1	
2/2/90	1 GALLON	14	37	1	L-M
2/2/90	1 GALLON	15	37	1	L-M
2/2/90	1 GALLON	16	37	1	
2/2/90	1 GALLON	17	29	1	
2/2/90	1 GALLON	18	30	1	
2/2/90	1 GALLON	19	31	1	
2/2/90	1 GALLON	20	23	1	L-M
2/2/90	1 GALLON	21	37	1	
2/2/90	1 GALLON	22	47	1	
2/2/90	1 GALLON	23	36	1	
2/2/90	1 GALLON	24	9	2	H-M
2/2/90	1 GALLON	25	15	2	H-M
2/2/90	1 GALLON	26	16	2	H-M
2/2/90	1 GALLON	27	19	2	H-M
2/2/90	1 GALLON	28	16	2	H-M
2/2/90	1 GALLON	29	47	1	H-M
2/2/90	1 GALLON	30	14	2	H-M
2/2/90	1 GALLON	31	56	1	
2/2/90	1 GALLON	32	49	1	
2/2/90	1 GALLON	33	34	1	
2/2/90	1 GALLON	34	30	1	
2/2/90	1 GALLON	35	21	1	
2/2/90	1 GALLON	36	31	1	
2/2/90	1 GALLON	37	32	1	L-M
2/2/90	1 GALLON	38	42	1	
2/2/90	1 GALLON	39	46	1	
2/2/90	1 GALLON	40	32	1	
2/2/90	1 GALLON	41	39	1	M-M
2/2/90	1 GALLON	42	44	1	L-M

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APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	VIGOR*	DAMAGE**
2/2/90	1 GALLON	43	21	1	L-M
2/2/90	1 GALLON	44	18	1	H-M
2/2/90	1 GALLON	45	41	1	L-M
2/2/90	1 GALLON	46	30	1	M-M
2/2/90	1 GALLON	47	33	1	
2/2/90	1 GALLON	48	50	1	L-M
2/2/90	1 GALLON	49	49	1	L-M
2/2/90	1 GALLON	50	17	2	H-M
2/2/90	1 GALLON	51	40	1	L-M
2/2/90	1 GALLON	52	18	2	H-M
2/2/90	1 GALLON	53	16	2	H-M
2/2/90	1 GALLON	54	16	2	H-M
2/2/90	1 GALLON	55	38	1	
2/2/90	1 GALLON	56	30	1	
2/2/90	1 GALLON	57	36	1	
2/2/90	1 GALLON	58	56	1	
2/2/90	1 GALLON	59	37	1	
2/2/90	1 GALLON	60	33	1	
2/2/90	1 GALLON	61	54	1	L-M
2/2/90	1 GALLON	62	42	1	L-M
2/2/90	1 GALLON	63	45	1	L-M
2/2/90	1 GALLON	64	34	1	L-M
2/2/90	1 GALLON	65	16	2	H-M
2/2/90	1 GALLON	66	47	1	L-M
2/2/90	1 GALLON	67	36	1	M-M
2/2/90	1 GALLON	68	35	1	L-M
2/2/90	1 GALLON	69	14	2	H-M
2/2/90	1 GALLON	70	33	1	
2/2/90	1 GALLON	71	31	1	M-M
2/2/90	1 GALLON	72	33	1	
2/2/90	1 GALLON	73	50	1	L-M
2/2/90	1 GALLON	74	53	1	L-M
2/2/90	1 GALLON	75	56	1	L-M
2/2/90	1 GALLON	76	15	2	H-M
2/2/90	1 GALLON	77	15	2	H-M
2/2/90	1 GALLON	78	58	1	L-M
2/2/90	1 GALLON	79	26	1	
2/2/90	1 GALLON	80	40	1	
2/2/90	1 GALLON	81	35	1	
2/2/90	1 GALLON	82	36	1	
2/2/90	1 GALLON	83	37	1	
2/2/90	1 GALLON	84	30	1	

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	VIGOR*	DAMAGE**
2/2/90	1 GALLON	85	45	1	L-M
2/2/90	1 GALLON	86	41	1	L-M
2/2/90	1 GALLON	87	45	1	L-M
2/2/90	1 GALLON	88	20	2	H-M
2/2/90	1 GALLON	89	39	1	L-M
2/2/90	1 GALLON	90	14	2	H-M
2/2/90	1 GALLON	91	40	1	L-M
2/2/90	1 GALLON	92	33	1	
2/2/90	1 GALLON	93	35	1	
2/2/90	1 GALLON	94	17	2	H-M
2/2/90	1 GALLON	95	16	2	H-M
2/2/90	1 GALLON	96	19	1	
2/2/90	1 GALLON	97	35	1	M-M
2/2/90	1 GALLON	98	28	1	M-M
2/2/90	1 GALLON	99	15	2	H-M
2/2/90	1 GALLON	100	14	2	H-M
2/2/90	1 GALLON	101	13	2	H-M
2/2/90	1 GALLON	102	14	2	H-M
2/2/90	1 GALLON	103	33	1	
2/2/90	1 GALLON	104	30	2	
2/2/90	1 GALLON	105	23	2	
2/2/90	1 GALLON	106	26	1	
2/2/90	1 GALLON	107	39	1	
2/2/90	1 GALLON	108	35	1	
2/2/90	1 GALLON	109	46	1	L-M
2/2/90	1 GALLON	110	16	2	H-M
2/2/90	1 GALLON	111	51	1	L-M
2/2/90	1 GALLON	112	33	1	L-M
2/2/90	1 GALLON	113	42	1	L-M
2/2/90	1 GALLON	114	28	1	M-M
2/2/90	1 GALLON	115	29	1	L-M
2/2/90	1 GALLON	116	57	1	L-M
2/2/90	1 GALLON	117	13	1	H-M
2/2/90	1 GALLON	118	33	2	M-M
2/2/90	1 GALLON	119	30	1	M-M
2/2/90	1 GALLON	120	53	1	L-M
2/2/90	1 GALLON	121	37	1	L-M
2/2/90	1 GALLON	122	20	2	H-M
2/2/90	1 GALLON	123	52	1	M-M
2/2/90	1 GALLON	124	11	2	H-M
2/2/90	1 GALLON	125	16	2	H-M
2/2/90	1 GALLON	126	50	1	L-M

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APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	VIGOR*	DAMAGE**
2/2/90	1 GALLON	127	39	1	
2/2/90	1 GALLON	128	35	1	
2/2/90	1 GALLON	129	29	1	
2/2/90	1 GALLON	130	28	1	
2/2/90	1 GALLON	131	24	1	
2/2/90	1 GALLON	132	33	1	
2/2/90	1 GALLON	133	20	2	H-M
2/2/90	1 GALLON	134	35	1	L-M
2/2/90	1 GALLON	135	27	1	L-M
2/2/90	1 GALLON	136	17	2	H-M
2/2/90	1 GALLON	137	49	1	L-M
2/2/90	1 GALLON	138	52	1	
2/2/90	1 GALLON	139	38	1	L-M
2/2/90	1 GALLON	140	38	1	L-M
2/2/90	1 GALLON	141	21	1	M-M
2/2/90	1 GALLON	142	44	1	L-M
2/2/90	1 GALLON	143	31	1	L-M
2/2/90	1 GALLON	144	37	1	
2/2/90	1 GALLON	145	41	1	H-M
2/2/90	1 GALLON	146	6	2	H-M
2/2/90	1 GALLON	147	44	1	M-M
2/2/90	1 GALLON	148	21	2	H-M
2/2/90	1 GALLON	149	44	1	M-M
2/2/90	1 GALLON	150	20	2	H-M
2/2/90	1 GALLON	151	47	1	
2/2/90	1 GALLON	152	31	1	
2/2/90	1 GALLON	153	41	1	
2/2/90	1 GALLON	154	27	1	
2/2/90	1 GALLON	155	39	1	
2/2/90	1 GALLON	156	31	1	
2/2/90	1 GALLON	157	43	1	
2/2/90	1 GALLON	158	16	2	
2/2/90	1 GALLON	159	27	1	
2/2/90	1 GALLON	160	12	2	H-M
2/2/90	1 GALLON	161	42	1	L-M
2/2/90	1 GALLON	162	44	1	
2/2/90	1 GALLON	163	41	1	L-M
2/2/90	1 GALLON	164	25	1	M-M
2/2/90	1 GALLON	165	7	1	H-M
2/2/90	1 GALLON	166	32	1	
2/2/90	1 GALLON	167	27	1	L-M
2/2/90	1 GALLON	168	18	2	H-M

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APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	VIGOR*	DAMAGE**
2/2/90	1 GALLON	169	16	2	H-M
2/2/90	1 GALLON	170	42	1	L-M
2/2/90	1 GALLON	171	12	2	H-M
2/2/90	1 GALLON	172	52	1	L-M
2/2/90	1 GALLON	173	2	2	H-M
2/2/90	1 GALLON	174	2	2	H-M
2/2/90	1 GALLON	175	37	1	
2/2/90	1 GALLON	176	27	1	
2/2/90	1 GALLON	177	33	1	
2/2/90	1 GALLON	178	36	1	
2/2/90	1 GALLON	179	37	1	
2/2/90	1 GALLON	180	31	1	
2/2/90	1 GALLON	181	45	1	L-M
2/2/90	1 GALLON	182	15	2	H-M
2/2/90	1 GALLON	183	43	1	M-M
2/2/90	1 GALLON	184	11	2	H-M
2/2/90	1 GALLON	185	42	1	L-M
2/2/90	1 GALLON	186	10	2	H-M
2/2/90	1 GALLON	187	29	1	L-M
2/2/90	1 GALLON	188	16	2	H-M
2/2/90	1 GALLON	189	29	1	L-M
2/2/90	1 GALLON	190	40	1	L-M
2/2/90	1 GALLON	191	19	2	H-M
2/2/90	1 GALLON	192	38	1	
2/2/90	1 GALLON	193	21	2	H-M
2/2/90	1 GALLON	194	41	1	L-M
2/2/90	1 GALLON	195	35	1	M-M
2/2/90	1 GALLON	196	35	1	M-M
2/2/90	1 GALLON	197	27	2	H-M
2/2/90	1 GALLON	198	18	2	H-M
2/2/90	1 GALLON	199	44	1	
2/2/90	1 GALLON	200	26	1	
2/2/90	1 GALLON	201	22	1	
2/2/90	1 GALLON	202	37	1	
2/2/90	1 GALLON	203	32	1	
2/2/90	1 GALLON	204	38	1	
2/2/90	1 GALLON	205	37	1	L-M
2/2/90	1 GALLON	206	36	1	L-M
2/2/90	1 GALLON	207	16	2	M-M
2/2/90	1 GALLON	208	18	2	M-M
2/2/90	1 GALLON	209	35	1	L-M
2/2/90	1 GALLON	210	41	1	L-M

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	VIGOR*	DAMAGE**
2/2/90	1 GALLON	211	18	2	H-M
2/2/90	1 GALLON	212	35	1	L-M
2/2/90	1 GALLON	213	37	1	L-M
2/2/90	1 GALLON	214	50	1	L-M
2/2/90	1 GALLON	215	42	1	L-M
2/2/90	1 GALLON	216	56	1	
2/2/90	1 GALLON	217	16	2	H-M
2/2/90	1 GALLON	218	49	1	L-M
2/2/90	1 GALLON	219	42	1	L-M
2/2/90	1 GALLON	220	15	2	H-M
2/2/90	1 GALLON	221	42	1	L-M
2/2/90	1 GALLON	222	11	2	H-M
2/2/90	1 GALLON	223	38	1	
2/2/90	1 GALLON	224	41	1	
2/2/90	1 GALLON	225	43	1	
2/2/90	1 GALLON	226	43	1	
2/2/90	1 GALLON	227	29	1	
2/2/90	1 GALLON	228	36	1	
2/2/90	1 GALLON	229	23	2	M-M
2/2/90	1 GALLON	230	17	2	M-M
2/2/90	1 GALLON	231	42	1	L-M
2/2/90	1 GALLON	232	27	1	L-M
2/2/90	1 GALLON	233	45	1	L-M
2/2/90	1 GALLON	234	27	1	L-M
2/2/90	1 GALLON	235	38	1	L-M
2/2/90	1 GALLON	236	41	1	L-M
2/2/90	1 GALLON	237	42	1	L-M
2/2/90	1 GALLON	238	38	1	
2/2/90	1 GALLON	239	29	1	L-M
2/2/90	1 GALLON	240	38	1	
2/2/90	1 GALLON	241	47	1	L-M
2/2/90	1 GALLON	242	36	1	M-M
2/2/90	1 GALLON	243	19	2	H-M
2/2/90	1 GALLON	244	30	1	M-M
2/2/90	1 GALLON	245	10	2	H-M
2/2/90	1 GALLON	246	44	1	L-M
2/2/90	1 GALLON	247	25	2	
2/2/90	1 GALLON	248	36	1	
2/2/90	1 GALLON	249	39	1	
2/2/90	1 GALLON	250	38	1	
2/2/90	1 GALLON	251	39	1	
2/2/90	1 GALLON	252	33	1	

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	VIGOR*	DAMAGE**
2/2/90	1 GALLON	253	16	2	H-M
2/2/90	1 GALLON	254	23	2	H-M
2/2/90	1 GALLON	255	16	2	H-M
2/2/90	1 GALLON	256	52	1	L-M
2/2/90	1 GALLON	257	31	1	L-M
2/2/90	1 GALLON	258	33	1	L-M
2/2/90	1 GALLON	259	53	1	L-M
2/2/90	1 GALLON	260	22	2	H-M
2/2/90	1 GALLON	261	41	1	L-M
2/2/90	1 GALLON	262	18	2	H-M
2/2/90	1 GALLON	263	16	2	H-M
2/2/90	1 GALLON	264	33	1	L-M
2/2/90	1 GALLON	265	19	2	H-M
2/2/90	1 GALLON	266	18	2	H-M
2/2/90	1 GALLON	267	48	1	L-M
2/2/90	1 GALLON	268	38	1	M-M
2/2/90	1 GALLON	269	15	2	H-M
2/2/90	1 GALLON	270	57	1	L-M
2/2/90	1 GALLON	271	50	1	
2/2/90	1 GALLON	272	33	1	
2/2/90	1 GALLON	273	46	1	
2/2/90	1 GALLON	274	39	1	
2/2/90	1 GALLON	275	42	1	
2/2/90	1 GALLON	276	28	1	
2/2/90	1 GALLON	277	16	2	H-M
2/2/90	1 GALLON	278	30	1	M-M
2/2/90	1 GALLON	279	34	1	M-M
2/2/90	1 GALLON	280	55	1	L-M
2/2/90	1 GALLON	281	4	2	H-M
2/2/90	1 GALLON	282	42	1	
2/2/90	1 GALLON	283	44	1	L-M
2/2/90	1 GALLON	284	32	1	L-M
2/2/90	1 GALLON	285	45	1	L-M
2/2/90	1 GALLON	286	45	1	L-M
2/2/90	1 GALLON	287	33	1	L-M
2/2/90	1 GALLON	288	50	1	L-M
2/2/90	1 GALLON	289	42	1	L-M
2/2/90	1 GALLON	290	42	1	L-M
2/2/90	1 GALLON	291	56	1	L-M
2/2/90	1 GALLON	292	41	1	L-M
2/2/90	1 GALLON	293	11	2	H-M
2/2/90	1 GALLON	294	4	2	H-M

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APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	VIGOR*	DAMAGE**
2/2/90	1 GALLON	295	38	1	
2/2/90	1 GALLON	296	30	1	
2/2/90	1 GALLON	297	29	1	
2/2/90	1 GALLON	298	45	1	
2/2/90	1 GALLON	299	45	1	
2/2/90	1 GALLON	300	41	1	
2/2/90	1 GALLON	301	42	1	L-M
2/2/90	1 GALLON	302	34	1	L-M
2/2/90	1 GALLON	303	38	1	L-M
2/2/90	1 GALLON	304	23	1	L-M
2/2/90	1 GALLON	305	19	2	H-M
2/2/90	1 GALLON	306	37	1	L-M
2/2/90	1 GALLON	307	47	1	L-M
2/2/90	1 GALLON	308	41	1	L-M
2/2/90	1 GALLON	309	33	1	L-M
2/2/90	1 GALLON	310	48	1	M-M
2/2/90	1 GALLON	311	7	2	H-M
2/2/90	1 GALLON	312	18	2	H-M
2/2/90	1 GALLON	313	38	1	M-M
2/2/90	1 GALLON	314	13	2	H-M
2/2/90	1 GALLON	315	14	2	H-M
2/2/90	1 GALLON	316	34	1	M-M
2/2/90	1 GALLON	317	42	1	L-M
2/2/90	1 GALLON	318	46	1	L-M
2/2/90	1 GALLON	319	43	1	
2/2/90	1 GALLON	320	38	1	
2/2/90	1 GALLON	321	28	1	
2/2/90	1 GALLON	322	41	1	
2/2/90	1 GALLON	323	32	1	
2/2/90	1 GALLON	324	31	1	
2/2/90	1 GALLON	325	28	1	L-M
2/2/90	1 GALLON	326	34	1	L-M
2/2/90	1 GALLON	327	14	2	H-M
2/2/90	1 GALLON	328	39	1	L-M
2/2/90	1 GALLON	329	31	1	L-M
2/2/90	1 GALLON	330	36	1	L-M
2/2/90	1 GALLON	331	47	1	M-M
2/2/90	1 GALLON	332	34	1	L-M
2/2/90	1 GALLON	333	47	1	
2/2/90	1 GALLON	334	50	1	L-M
2/2/90	1 GALLON	335	14	2	H-M
2/2/90	1 GALLON	336	16	2	

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APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	VIGOR*	DAMAGE**
2/2/90	1 GALLON	337	10	2	H-M
2/2/90	1 GALLON	338	46	1	M-M
2/2/90	1 GALLON	339	4	2	H-M
2/2/90	1 GALLON	340	8	2	H-M
2/2/90	1 GALLON	341	13	2	H-M
2/2/90	1 GALLON	342	18	2	H-M
2/2/90	1 GALLON	343	25	1	
2/2/90	1 GALLON	344	36	1	
2/2/90	1 GALLON	345	25	1	
2/2/90	1 GALLON	346	41	1	
2/2/90	1 GALLON	347	50	1	
2/2/90	1 GALLON	348	40	1	
2/2/90	1 GALLON	349	37	1	L-M
2/2/90	1 GALLON	350	18	2	H-M
2/2/90	1 GALLON	351	46	1	L-M
2/2/90	1 GALLON	352	14	2	H-M
2/2/90	1 GALLON	353	41	1	L-M
2/2/90	1 GALLON	354	41	1	
2/2/90	1 GALLON	355	33	1	L-M
2/2/90	1 GALLON	356	40	1	
2/2/90	1 GALLON	357	36	1	
2/2/90	1 GALLON	358	34	1	
2/2/90	1 GALLON	359	36	1	L-M
2/2/90	1 GALLON	360	26	1	L-M
2/2/90	1 GALLON	361	12	2	H-M
2/2/90	1 GALLON	362	15	2	H-M
2/2/90	1 GALLON	363	47	1	L-M
2/2/90	1 GALLON	364	18	2	H-M
2/2/90	1 GALLON	365	39	1	L-M
2/2/90	1 GALLON	366	18	2	H-M
2/2/90	1 GALLON	367	37	1	
2/2/90	1 GALLON	368	27	1	
2/2/90	1 GALLON	369	47	1	
2/2/90	1 GALLON	370	50	1	
2/2/90	1 GALLON	371	25	1	
2/2/90	1 GALLON	372	31	1	
2/2/90	1 GALLON	373	32	1	L-M
2/2/90	1 GALLON	374	28	1	M-M
2/2/90	1 GALLON	375	26	1	M-M
2/2/90	1 GALLON	376	36	1	
2/2/90	1 GALLON	377	36	1	L-M
2/2/90	1 GALLON	378	20	2	H-M

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	VIGOR*	DAMAGE**
2/2/90	1 GALLON	379	12	2	H-M
2/2/90	1 GALLON	380	38	1	L-M
2/2/90	1 GALLON	381	54	1	
2/2/90	1 GALLON	382	23	2	M-M
2/2/90	1 GALLON	383	34	1	L-M
2/2/90	1 GALLON	384	37	1	L-M
2/2/90	1 GALLON	385	16	2	H-M
2/2/90	1 GALLON	386	47	1	L-M
2/2/90	1 GALLON	387	36	2	H-M
2/2/90	1 GALLON	388	44	1	L-M
2/2/90	1 GALLON	389	38	1	M-M
2/2/90	1 GALLON	390	47	1	L-M
2/2/90	1 GALLON	391	38	1	
2/2/90	1 GALLON	392	52	1	
2/2/90	1 GALLON	393	32	1	
2/2/90	1 GALLON	394	56	1	
2/2/90	1 GALLON	395	52	1	
2/2/90	1 GALLON	396	32	1	
2/2/90	1 GALLON	397	42	1	L-M
2/2/90	1 GALLON	398	46	1	L-M
2/2/90	1 GALLON	399	10	2	H-M
2/2/90	1 GALLON	400	8	2	H-M
2/2/90	1 GALLON	401	28	1	
2/2/90	1 GALLON	402	41	1	
2/2/90	1 GALLON	403	31	1	L-M
2/2/90	1 GALLON	404	7	2	H-M
2/2/90	1 GALLON	405	42	1	L-M
2/2/90	1 GALLON	406	30	1	L-M
2/2/90	1 GALLON	407	38	1	L-M
2/2/90	1 GALLON	408	16	2	H-M
2/2/90	1 GALLON	409	23	1	
2/2/90	1 GALLON	410	40	1	L-M
2/2/90	1 GALLON	411	41	1	L-M
2/2/90	1 GALLON	412	42	1	L-M
2/2/90	1 GALLON	413	24	1	M-M
2/2/90	1 GALLON	414	29	1	L-M
2/2/90	1 GALLON	415	46	1	L-M
2/2/90	1 GALLON	A1	57	1	
2/2/90	1 GALLON	A2	28	1	
2/2/90	1 GALLON	A3	40	1	
2/2/90	1 GALLON	A4	41	1	
2/2/90	1 GALLON	A5	43	1	

D-054244

D-054244

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	VIGOR*	DAMAGE**
2/2/90	1 GALLON	A6	49	1	L-M
2/2/90	1 GALLON	A7	28	1	L-M
2/2/90	1 GALLON	A8	46	1	M-M

INUMUM HEIGHT: 2.00

AXIMUM HEIGHT: 58.00

VERAGE HEIGHT: 32.50

Vigor*:	Damage**:	only damaged trees were recorded	
1=healthy	H=high	I=insect	R=rabbit
2=senescent	M=medium	M=mammal	D=deer
3=dead	L=low		

D-054245

D-054245

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM
ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
6/29/90	1 GALLON	10	36		1	
6/29/90	1 GALLON	11	45		1	
6/29/90	1 GALLON	12	39		1	
6/29/90	1 GALLON	14	38		1	
6/29/90	1 GALLON	16	44		1	
6/29/90	1 GALLON	17	37		1	
6/29/90	1 GALLON	18	40		1	
6/29/90	1 GALLON	19	36		1	
6/29/90	1 GALLON	20	27		1	
6/29/90	1 GALLON	21	43		1	
6/29/90	1 GALLON	22	52		1	
6/29/90	1 GALLON	36	42		1	
6/29/90	1 GALLON	37	36		1	
6/29/90	1 GALLON	38	44		1	
6/29/90	1 GALLON	39	46		1	
6/29/90	1 GALLON	40	37		1	
6/29/90	1 GALLON	41	37		1	
6/29/90	1 GALLON	42	4		1	
6/29/90	1 GALLON	43	21		1	
6/29/90	1 GALLON	44	32		1	
6/29/90	1 GALLON	45	12		1	
6/29/90	1 GALLON	47	5		1	
6/29/90	1 GALLON	48	60		1	
6/29/90	1 GALLON	62	42		1	
6/29/90	1 GALLON	63	38		1	
6/29/90	1 GALLON	64	30		1	
6/29/90	1 GALLON	70	38		1	
6/29/90	1 GALLON	71	6		1	
6/29/90	1 GALLON	82	30		1	
6/29/90	1 GALLON	83	18		1	
6/29/90	1 GALLON	86	10		1	
6/29/90	1 GALLON	87	22		1	
6/29/90	1 GALLON	88	36		1	
6/29/90	1 GALLON	89	28		1	
6/29/90	1 GALLON	94	34		1	
6/29/90	1 GALLON	96	31		1	

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM
ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
6/29/90	1 GALLON	108	36		1	
6/29/90	1 GALLON	109	51		1	
6/29/90	1 GALLON	112	30		1	
6/29/90	1 GALLON	117	34		1	
6/29/90	1 GALLON	118	43		1	
6/29/90	1 GALLON	119	35		1	
6/29/90	1 GALLON	131	3		1	
6/29/90	1 GALLON	133	18		1	
6/29/90	1 GALLON	135	13		1	
6/29/90	1 GALLON	136	19		1	
6/29/90	1 GALLON	137	52		1	
6/29/90	1 GALLON	140	43		1	
6/29/90	1 GALLON	144	10		1	
6/29/90	1 GALLON	157	38		1	
6/29/90	1 GALLON	165	48		1	
6/29/90	1 GALLON	166	44		1	
6/29/90	1 GALLON	167	4		1	
6/29/90	1 GALLON	168	16		1	
6/29/90	1 GALLON	181	47		1	
6/29/90	1 GALLON	182	6		1	
6/29/90	1 GALLON	183	6		1	
6/29/90	1 GALLON	184	7		1	
6/29/90	1 GALLON	186	13		1	
6/29/90	1 GALLON	187	7		1	
6/29/90	1 GALLON	188	3		1	
6/29/90	1 GALLON	189	6		1	
6/29/90	1 GALLON	191	4		1	
6/29/90	1 GALLON	203	33		1	
6/29/90	1 GALLON	204	44		1	
6/29/90	1 GALLON	206	4		1	
6/29/90	1 GALLON	207	31		1	
6/29/90	1 GALLON	208	24		1	
6/29/90	1 GALLON	209	36		1	
6/29/90	1 GALLON	210	45		1	
6/29/90	1 GALLON	212	31		1	
6/29/90	1 GALLON	214	54		1	

D-054247

D-054247

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM
ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
6/29/90	1 GALLON	215	39		1	
6/29/90	1 GALLON	216	58		1	
6/29/90	1 GALLON	227	18		1	
6/29/90	1 GALLON	228	37		1	
6/29/90	1 GALLON	229	7		1	
6/29/90	1 GALLON	230	6		1	
6/29/90	1 GALLON	233	46		1	
6/29/90	1 GALLON	234	28		1	
6/29/90	1 GALLON	235	49		1	
6/29/90	1 GALLON	236	46		1	
6/29/90	1 GALLON	238	3		1	
6/29/90	1 GALLON	240	13		1	
6/29/90	1 GALLON	251	43		1	
6/29/90	1 GALLON	252	43		1	
6/29/90	1 GALLON	257	3		1	
6/29/90	1 GALLON	258	33		1	
6/29/90	1 GALLON	264	8		1	
6/29/90	1 GALLON	275	16		1	
6/29/90	1 GALLON	276	45		1	
6/29/90	1 GALLON	285	12		1	
6/29/90	1 GALLON	287	54		1	
6/29/90	1 GALLON	298	6		1	
6/29/90	1 GALLON	299	4		1	
6/29/90	1 GALLON	303	2		1	
6/29/90	1 GALLON	306	39		1	
6/29/90	1 GALLON	323	17		1	
6/29/90	1 GALLON	326	4		1	
6/29/90	1 GALLON	328	8		1	
6/29/90	1 GALLON	329	30		1	
6/29/90	1 GALLON	330	42		1	
6/29/90	1 GALLON	331	54		1	
6/29/90	1 GALLON	332	48		1	
6/29/90	1 GALLON	333	48		1	
6/29/90	1 GALLON	334	52		1	
6/29/90	1 GALLON	352	14		1	
6/29/90	1 GALLON	355	5		1	

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D-054248

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
6/29/90	1 GALLON	356	35		1	
6/29/90	1 GALLON	359	50		1	
6/29/90	1 GALLON	360	37		1	
6/29/90	1 GALLON	375	6		1	
6/29/90	1 GALLON	377	36		1	
6/29/90	1 GALLON	379	26		1	
6/29/90	1 GALLON	380	6		1	
6/29/90	1 GALLON	381	64		1	
6/29/90	1 GALLON	382	27		1	
6/29/90	1 GALLON	383	39		1	
6/29/90	1 GALLON	384	43		1	
6/29/90	1 GALLON	397	44		1	
6/29/90	1 GALLON	399	14		1	
6/29/90	1 GALLON	401	41		1	
6/29/90	1 GALLON	402	39		1	
6/29/90	1 GALLON	403	35		1	
6/29/90	1 GALLON	405	4		1	
6/29/90	1 GALLON	406	1.5		1	
6/29/90	1 GALLON	423	8		1	
6/29/90	1 GALLON	424	5		1	
6/29/90	1 GALLON	431	2		1	
6/29/90	1 GALLON	A1	17		1	
6/29/90	1 GALLON	A2	19		1	
6/29/90	1 GALLON	A3	38		1	
6/29/90	1 GALLON	A4	44		1	
6/29/90	1 GALLON	A5	8		1	
6/29/90	1 GALLON	A6			3	
6/29/90	1 GALLON	A7	27		1	
6/29/90	1 GALLON	A8	32		1	
MINUMUM HEIGHT		1.50				
MAXIMUM HEIGHT		64.00				
AVERAGE HEIGHT		28.25				

VIGOR*:	DAMAGE**:	only damaged trees were recorded	
1=healthy	H=high	I=insect	R=rabbit
2=senescent	M=medium	M=mammal	D=deer
3=dead	L=low		

D-054249

D-054249

The following one-gallon trees died during the April 1990 power outage and subsequent error in resetting the times:

13, 15, 23, 24, 34, 35, 46, 58, 59, 60, 61, 65, 66, 67, 68, 69, 72, 84, 85, 90, 91, 92 93, 95, 106, 107, 110, 111, 113, 114, 115, 116, 120, 130, 132, 134, 138, 139, 141, 142 143, 154, 155, 156, 158, 159, 160, 161, 162, 163, 164, 178, 179, 180, 185, 190, 192, 202, 205, 211, 213, 226, 231, 232, 237, 239, 250, 253, 254, 255, 256, 259, 260, 261, 262, 263, 274, 277, 278, 279, 280, 281, 282, 283, 284, 286, 288, 300, 301, 302, 304, 305, 307, 308, 309, 310, 311, 312, 322, 324, 325, 327, 335, 336, 346, 347, 348, 349, 350, 351, 353, 354, 357, 358, 370, 371, 372, 373, 374, 376, 378, 394, 395, 396, 398, 400, 404, 407, 408, 418, 419, 420, 421, 422, 425, 426, 427, 428, 429, 430, 432, A6

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM
ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
8/23/90	1 GALLON	10	48		1	
8/23/90	1 GALLON	11	50		1	
8/23/90	1 GALLON	12	42		1	
8/23/90	1 GALLON	14	32		1	
8/23/90	1 GALLON	16	54		1	
8/23/90	1 GALLON	17	43		1	
8/23/90	1 GALLON	18	56		1	
8/23/90	1 GALLON	19	45		1	
8/23/90	1 GALLON	20	48		1	
8/23/90	1 GALLON	21	62		1	
8/23/90	1 GALLON	22	65		1	
8/23/90	1 GALLON	36	51		1	
8/23/90	1 GALLON	37	46		1	
8/23/90	1 GALLON	38	36		1	
8/23/90	1 GALLON	39	39		1	
8/23/90	1 GALLON	40	42		1	
8/23/90	1 GALLON	41	36		1	
8/23/90	1 GALLON	42	22		1	
8/23/90	1 GALLON	43	30		1	
8/23/90	1 GALLON	44	56		1	
8/23/90	1 GALLON	45	17		1	
8/23/90	1 GALLON	47	18		1	
8/23/90	1 GALLON	48	70		1	
8/23/90	1 GALLON	62	60		1	
8/23/90	1 GALLON	63	34		1	
8/23/90	1 GALLON	64	50		1	
8/23/90	1 GALLON	70	55		1	
8/23/90	1 GALLON	71	25		1	
8/23/90	1 GALLON	82	27		1	
8/23/90	1 GALLON	83	11		1	
8/23/90	1 GALLON	85	8		1	
8/23/90	1 GALLON	86	28		1	
8/23/90	1 GALLON	87	37		1	
8/23/90	1 GALLON	88	9		1	
8/23/90	1 GALLON	89	36		1	
8/23/90	1 GALLON	94	54		1	

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D-054251

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM
ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
8/23/90	1 GALLON	96	48		1	
8/23/90	1 GALLON	108	45		1	
8/23/90	1 GALLON	109	59		1	
8/23/90	1 GALLON	112	43		1	
8/23/90	1 GALLON	117	46		1	
8/23/90	1 GALLON	118	48		1	
8/23/90	1 GALLON	119	36		1	
8/23/90	1 GALLON	131	17		1	
8/23/90	1 GALLON	133	38		1	
8/23/90	1 GALLON	135	22		1	
8/23/90	1 GALLON	136	36		1	
8/23/90	1 GALLON	137	58		1	
8/23/90	1 GALLON	140	48		1	
8/23/90	1 GALLON	143	6		1	
8/23/90	1 GALLON	144	26		1	
8/23/90	1 GALLON	157	57		1	
8/23/90	1 GALLON	165	59		1	
8/23/90	1 GALLON	166	61		1	
8/23/90	1 GALLON	167	26		1	
8/23/90	1 GALLON	168	29		1	
8/23/90	1 GALLON	181	4		1	
8/23/90	1 GALLON	182	24		1	
8/23/90	1 GALLON	183	11		1	
8/23/90	1 GALLON	184	13		1	
8/23/90	1 GALLON	185	15		1	
8/23/90	1 GALLON	186	20		1	
8/23/90	1 GALLON	187	16		1	
8/23/90	1 GALLON	188	21		1	
8/23/90	1 GALLON	189	3		1	
8/23/90	1 GALLON	191	5		1	
8/23/90	1 GALLON	203	44		1	
8/23/90	1 GALLON	204	54		1	
8/23/90	1 GALLON	207	39		1	
8/23/90	1 GALLON	208	34		1	
8/23/90	1 GALLON	209	32		1	
8/23/90	1 GALLON	210	63		1	

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM
ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
8/23/90	1 GALLON	212	41		1	
8/23/90	1 GALLON	214	71		1	
8/23/90	1 GALLON	215	48		1	
8/23/90	1 GALLON	216	57		1	
8/23/90	1 GALLON	227	36		1	
8/23/90	1 GALLON	228	45		1	
8/23/90	1 GALLON	229	21		1	
8/23/90	1 GALLON	230	13		1	
8/23/90	1 GALLON	233	34		1	
8/23/90	1 GALLON	234	21		1	
8/23/90	1 GALLON	235	58		1	
8/23/90	1 GALLON	236	50		1	
8/23/90	1 GALLON	240	16		1	
8/23/90	1 GALLON	251	50		1	
8/23/90	1 GALLON	252	54		1	
8/23/90	1 GALLON	253	49		1	
8/23/90	1 GALLON	259	20		1	
8/23/90	1 GALLON	260	44		1	
8/23/90	1 GALLON	263	16		1	
8/23/90	1 GALLON	275	51		1	
8/23/90	1 GALLON	278	12		1	
8/23/90	1 GALLON	280	32		1	
8/23/90	1 GALLON	283	20		1	
8/23/90	1 GALLON	298	3		1	
8/23/90	1 GALLON	299	3		1	
8/23/90	1 GALLON	303	10		1	
8/23/90	1 GALLON	306	53		1	
8/23/90	1 GALLON	323	32		1	
8/23/90	1 GALLON	326	23		1	
8/23/90	1 GALLON	328	25		1	
8/23/90	1 GALLON	329	45		1	
8/23/90	1 GALLON	330	41		1	
8/23/90	1 GALLON	331	63		1	
8/23/90	1 GALLON	332	50		1	
8/23/90	1 GALLON	333	56		1	
8/23/90	1 GALLON	334	37		1	

D-054253

D-054253

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
8/23/90	1 GALLON	352	33		1	
8/23/90	1 GALLON	355	16		1	
8/23/90	1 GALLON	359	68		1	
8/23/90	1 GALLON	360	50		1	
8/23/90	1 GALLON	373	23		1	
8/23/90	1 GALLON	375	12		1	
8/23/90	1 GALLON	377	50		1	
8/23/90	1 GALLON	379	48		1	
8/23/90	1 GALLON	380	123		1	
8/23/90	1 GALLON	381	76		1	
8/23/90	1 GALLON	382	37		1	
8/23/90	1 GALLON	383	53		1	
8/23/90	1 GALLON	384	53		1	
8/23/90	1 GALLON	397	60		1	
8/23/90	1 GALLON	399	21		1	
8/23/90	1 GALLON	400	13		1	
8/23/90	1 GALLON	401	56		1	
8/23/90	1 GALLON	402	47		1	
8/23/90	1 GALLON	403	33		1	
8/23/90	1 GALLON	405	19		1	
8/23/90	1 GALLON	407	37		1	
8/23/90	1 GALLON	408	20		1	
8/23/90	1 GALLON	A1	33		1	
8/23/90	1 GALLON	A2	32		1	
8/23/90	1 GALLON	A3	44		1	
8/23/90	1 GALLON	A4	64		1	
8/23/90	1 GALLON	A5	14		1	
8/23/90	1 GALLON	A6			3	
8/23/90	1 GALLON	A7	15		1	
8/23/90	1 GALLON	A8	17		1	

MINUMUM HEIGHT	3.00	VIGOR*:	Damage**: only damaged trees were recorded
MAXIMUM HEIGHT	123.00	1=healthy	
AVERAGE HEIGHT	37.34	2=senescent	
		3=dead	

D-054254

D-054254

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
11/9/90	1 GALLON	10	70		4	
11/9/90	1 GALLON	11	57		4	
11/9/90	1 GALLON	12	66		4	
11/9/90	1 GALLON	14	66		4	
11/9/90	1 GALLON	16	68		4	
11/9/90	1 GALLON	17	58		4	
11/9/90	1 GALLON	18	72		4	
11/9/90	1 GALLON	19	64		4	
11/9/90	1 GALLON	20	56		4	
11/9/90	1 GALLON	21	76		4	
11/9/90	1 GALLON	22	74		4	
11/9/90	1 GALLON	34	78		4	
11/9/90	1 GALLON	37	60		4	
11/9/90	1 GALLON	38	54		4	
11/9/90	1 GALLON	39	58		4	
11/9/90	1 GALLON	40	61		4	
11/9/90	1 GALLON	41	52		4	
11/9/90	1 GALLON	42	86		4	
11/9/90	1 GALLON	43	52		4	
11/9/90	1 GALLON	44	80		4	
11/9/90	1 GALLON	45	28		4	
11/9/90	1 GALLON	47	40		4	
11/9/90	1 GALLON	48	76		4	
11/9/90	1 GALLON	62	67		4	
11/9/90	1 GALLON	63	60		4	
11/9/90	1 GALLON	64	68		4	
11/9/90	1 GALLON	70	65		4	
11/9/90	1 GALLON	71	43		4	
11/9/90	1 GALLON	82	52		4	
11/9/90	1 GALLON	83	38		4	
11/9/90	1 GALLON	85	10		4	
11/9/90	1 GALLON	86	46		4	
11/9/90	1 GALLON	87	58		4	
11/9/90	1 GALLON	88	20		4	
11/9/90	1 GALLON	89	56		4	
11/9/90	1 GALLON	94	76		4	

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
11/9/90	1 GALLON	96	62		4	
11/9/90	1 GALLON	108	72		4	
11/9/90	1 GALLON	109	64		4	
11/9/90	1 GALLON	112	30		4	
11/9/90	1 GALLON	117	59		4	
11/9/90	1 GALLON	118	54		4	
11/9/90	1 GALLON	119	36		4	
11/9/90	1 GALLON	131	39		4	
11/9/90	1 GALLON	133	44		4	
11/9/90	1 GALLON	135	33		4	
11/9/90	1 GALLON	136	66		4	
11/9/90	1 GALLON	137	60		4	
11/9/90	1 GALLON	140	56		4	
11/9/90	1 GALLON	143	10		4	
11/9/90	1 GALLON	144	28		4	
11/9/90	1 GALLON	157	64		4	
11/9/90	1 GALLON	165	70		4	
11/9/90	1 GALLON	166	63		4	
11/9/90	1 GALLON	167	47		4	
11/9/90	1 GALLON	168	37		4	
11/9/90	1 GALLON	181	68		4	
11/9/90	1 GALLON	182	27		4	
11/9/90	1 GALLON	183	27		4	
11/9/90	1 GALLON	184	22		4	
11/9/90	1 GALLON	185	28		4	
11/9/90	1 GALLON	186	55		4	
11/9/90	1 GALLON	187	48		4	
11/9/90	1 GALLON	188	36		4	
11/9/90	1 GALLON	189	9		4	
11/9/90	1 GALLON	207	52		4	
11/9/90	1 GALLON	208	56		4	
11/9/90	1 GALLON	209	66		4	
11/9/90	1 GALLON	210	86		4	
11/9/90	1 GALLON	212	57		4	
11/9/90	1 GALLON	214	80		4	
11/9/90	1 GALLON	215	62		4	

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APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
11/9/90	1 GALLON	216	67		4	
11/9/90	1 GALLON	227	56		4	
11/9/90	1 GALLON	228	76		4	
11/9/90	1 GALLON	229	38		4	
11/9/90	1 GALLON	230	21		4	
11/9/90	1 GALLON	233	52		4	
11/9/90	1 GALLON	234	36		4	
11/9/90	1 GALLON	235	70		4	
11/9/90	1 GALLON	236	54		4	
11/9/90	1 GALLON	240	25		4	
11/9/90	1 GALLON	251	57		4	
11/9/90	1 GALLON	252	58		4	
11/9/90	1 GALLON	253	43		4	
11/9/90	1 GALLON	259	42		4	
11/9/90	1 GALLON	260	48		4	
11/9/90	1 GALLON	263	31		4	
11/9/90	1 GALLON	275	62		4	
11/9/90	1 GALLON	276	80		4	
11/9/90	1 GALLON	278	30		4	
11/9/90	1 GALLON	280	59		4	
11/9/90	1 GALLON	283	34		4	
11/9/90	1 GALLON	299	53		4	
11/9/90	1 GALLON	300	20		4	
11/9/90	1 GALLON	303	24		4	
11/9/90	1 GALLON	306	67		4	
11/9/90	1 GALLON	322	32		4	
11/9/90	1 GALLON	323	11		4	
11/9/90	1 GALLON	326	44		4	
11/9/90	1 GALLON	328	38		4	
11/9/90	1 GALLON	329	66		4	
11/9/90	1 GALLON	330	71		4	
11/9/90	1 GALLON	331	72		4	
11/9/90	1 GALLON	332	53		4	
11/9/90	1 GALLON	333	69		4	
11/9/90	1 GALLON	334	49		4	
11/9/90	1 GALLON	336	30		4	

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
11/9/90	1 GALLON	347	53		4	
11/9/90	1 GALLON	352	40		4	
11/9/90	1 GALLON	359	76		4	
11/9/90	1 GALLON	360	65		4	
11/9/90	1 GALLON	373	24		4	
11/9/90	1 GALLON	375	10		4	
11/9/90	1 GALLON	377	56		4	
11/9/90	1 GALLON	379	49		4	
11/9/90	1 GALLON	381	87		4	
11/9/90	1 GALLON	382	58		4	
11/9/90	1 GALLON	383	66		4	
11/9/90	1 GALLON	384	63		4	
11/9/90	1 GALLON	397	69		4	
11/9/90	1 GALLON	399	35		4	
11/9/90	1 GALLON	400	15		4	
11/9/90	1 GALLON	401	68		4	
11/9/90	1 GALLON	402	63		4	
11/9/90	1 GALLON	403	59		4	
11/9/90	1 GALLON	405	40		4	
11/9/90	1 GALLON	407	64		4	
11/9/90	1 GALLON	408	29		4	
11/9/90	1 GALLON	A1	58		4	
11/9/90	1 GALLON	A2	48		4	
11/9/90	1 GALLON	A3	68		4	
11/9/90	1 GALLON	A4	78		4	
11/9/90	1 GALLON	A5	20		4	
11/9/90	1 GALLON	A6			3	
11/9/90	1 GALLON	A7	30		4	
11/9/90	1 GALLON	A8	20		4	

MINUMUM HEIGHT	9.00
MAXIMUM HEIGHT	87.00
AVERAGE HEIGHT	51.71

VIGOR*:		DAMAGE**: only damaged trees were recorded	
1=healthy		H=high	I=insect R=rabbit
2=senescent		M=medium	M=mammal D=deer
3=dead	4=dormant	L=low	

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM
ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
5/10/91	1 GALLON	10	75		1	
5/10/91	1 GALLON	11	60		1	
5/10/91	1 GALLON	12	44		2	
5/10/91	1 GALLON	13			3	
5/10/91	1 GALLON	14	69		1	
5/10/91	1 GALLON	15			3	
5/10/91	1 GALLON	16	73		1	
5/10/91	1 GALLON	17	50		1	
5/10/91	1 GALLON	18	83		1	
5/10/91	1 GALLON	19	50		1	
5/10/91	1 GALLON	20	44		1	
5/10/91	1 GALLON	21	78		1	
5/10/91	1 GALLON	22	69		1	
5/10/91	1 GALLON	23		10	1	
5/10/91	1 GALLON	24			3	M-M
5/10/91	1 GALLON	34		10	2	
5/10/91	1 GALLON	35		7	2	
5/10/91	1 GALLON	36	88		2	
5/10/91	1 GALLON	37	64		1	
5/10/91	1 GALLON	38	49		1	
5/10/91	1 GALLON	39	46		1	
5/10/91	1 GALLON	40	56		1	
5/10/91	1 GALLON	41	48		1	
5/10/91	1 GALLON	42	61		1	
5/10/91	1 GALLON	43	45		1	
5/10/91	1 GALLON	44	55		1	
5/10/91	1 GALLON	45	28		2	
5/10/91	1 GALLON	46		12	1	
5/10/91	1 GALLON	47	52		1	
5/10/91	1 GALLON	48	78		1	
5/10/91	1 GALLON	58		13	1	
5/10/91	1 GALLON	59		2	2	
5/10/91	1 GALLON	60		10	1	
5/10/91	1 GALLON	61			3	H-M
5/10/91	1 GALLON	62	46		1	
5/10/91	1 GALLON	63	58		1	

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM
ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
5/10/91	1 GALLON	64	71		1	
5/10/91	1 GALLON	65		2	1	H-M
5/10/91	1 GALLON	66		11	1	H-M
5/10/91	1 GALLON	67		4	1	H-M
5/10/91	1 GALLON	68			3	H-M
5/10/91	1 GALLON	69		12	1	
5/10/91	1 GALLON	70	55		1	
5/10/91	1 GALLON	71	42		1	
5/10/91	1 GALLON	72		9	1	H-M
5/10/91	1 GALLON	82	50		1	
5/10/91	1 GALLON	83	34		2	
5/10/91	1 GALLON	84		6	1	
5/10/91	1 GALLON	85	14		1	H-M
5/10/91	1 GALLON	86	51		1	
5/10/91	1 GALLON	87	27		1	
5/10/91	1 GALLON	88	20		1	
5/10/91	1 GALLON	89	43		1	
5/10/91	1 GALLON	90		8	3	H-M
5/10/91	1 GALLON	91			1	H-M
5/10/91	1 GALLON	92		10	1	H-M
5/10/91	1 GALLON	93		12	1	H-M
5/10/91	1 GALLON	94	70		1	
5/10/91	1 GALLON	95		10	1	H-M
5/10/91	1 GALLON	96	63		1	
5/10/91	1 GALLON	106		12	1	
5/10/91	1 GALLON	107		10	1	
5/10/91	1 GALLON	108	72		1	
5/10/91	1 GALLON	109	60		1	
5/10/91	1 GALLON	110		10	1	H-M
5/10/91	1 GALLON	111		9	1	H-M
5/10/91	1 GALLON	112	32		1	
5/10/91	1 GALLON	113		7	1	H-M
5/10/91	1 GALLON	114			3	H-M
5/10/91	1 GALLON	115			3	H-M
5/10/91	1 GALLON	116		15	1	H-M
5/10/91	1 GALLON	117	61		2	

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
5/10/91	1 GALLON	118	18		2	
5/10/91	1 GALLON	119	34		1	
5/10/91	1 GALLON	120			3	H-M
5/10/91	1 GALLON	130		17	2	
5/10/91	1 GALLON	131	31		1	
5/10/91	1 GALLON	132			3	
5/10/91	1 GALLON	133	77		1	
5/10/91	1 GALLON	134		9	1	
5/10/91	1 GALLON	135	34		1	
5/10/91	1 GALLON	136	68		1	
5/10/91	1 GALLON	137	40		1	
5/10/91	1 GALLON	138		8	1	H-M
5/10/91	1 GALLON	139		14	1	H-M
5/10/91	1 GALLON	140	47		1	
5/10/91	1 GALLON	141		15	1	H-M
5/10/91	1 GALLON	142		9	1	H-M
5/10/91	1 GALLON	143	16		1	H-M
5/10/91	1 GALLON	144	35		1	H-M
5/10/91	1 GALLON	154		13	1	
5/10/91	1 GALLON	155		13	1	
5/10/91	1 GALLON	156		10	1	
5/10/91	1 GALLON	157	56		1	
5/10/91	1 GALLON	158			3	H-M
5/10/91	1 GALLON	159		10	1	H-M
5/10/91	1 GALLON	160		14	1	H-M
5/10/91	1 GALLON	161		15	1	H-M
5/10/91	1 GALLON	162		11	1	H-M
5/10/91	1 GALLON	163		8	1	H-M
5/10/91	1 GALLON	164		8	2	H-M
5/10/91	1 GALLON	165	57		1	
5/10/91	1 GALLON	166	61		1	
5/10/91	1 GALLON	167	40		1	
5/10/91	1 GALLON	168	45		1	
5/10/91	1 GALLON	178		17	2	
5/10/91	1 GALLON	179		11	1	
5/10/91	1 GALLON	180		11	1	

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APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
5/10/91	1 GALLON	181	73		1	
5/10/91	1 GALLON	182	32		1	
5/10/91	1 GALLON	183	29		1	
5/10/91	1 GALLON	184	24		1	H-M
5/10/91	1 GALLON	185	33		1	
5/10/91	1 GALLON	186	56		1	
5/10/91	1 GALLON	187	13		1	H-M
5/10/91	1 GALLON	188	39		1	
5/10/91	1 GALLON	189	12		1	H-M
5/10/91	1 GALLON	190		8	1	H-M
5/10/91	1 GALLON	191	3		1	H-M
5/10/91	1 GALLON	192		9	1	H-M
5/10/91	1 GALLON	202		9	1	
5/10/91	1 GALLON	203	56		1	
5/10/91	1 GALLON	204	63		1	
5/10/91	1 GALLON	205		15	1	H-M
5/10/91	1 GALLON	206		6	1	H-M
5/10/91	1 GALLON	207	55		1	
5/10/91	1 GALLON	208	64		1	
5/10/91	1 GALLON	209	76		1	
5/10/91	1 GALLON	210	82		1	
5/10/91	1 GALLON	211		11	1	H-M
5/10/91	1 GALLON	212	51		1	
5/10/91	1 GALLON	213		6	1	H-M
5/10/91	1 GALLON	214	72		1	
5/10/91	1 GALLON	215	63		1	
5/10/91	1 GALLON	216	50		1	
5/10/91	1 GALLON	226		16	1	
5/10/91	1 GALLON	227	59		1	
5/10/91	1 GALLON	228	62		1	
5/10/91	1 GALLON	229	40		1	
5/10/91	1 GALLON	230	24		1	
5/10/91	1 GALLON	231		6	1	H-M
5/10/91	1 GALLON	232		14	1	
5/10/91	1 GALLON	233	57		1	
5/10/91	1 GALLON	234	43		1	

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APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
5/10/91	1 GALLON	235	62		1	
5/10/91	1 GALLON	236	52		1	
5/10/91	1 GALLON	237			3	H-M
5/10/91	1 GALLON	238		11	1	H-M
5/10/91	1 GALLON	239			3	
5/10/91	1 GALLON	240	26		1	
5/10/91	1 GALLON	250		2	2	
5/10/91	1 GALLON	251	57		1	
5/10/91	1 GALLON	252	82		1	
5/10/91	1 GALLON	253	51		1	
5/10/91	1 GALLON	254		15	1	H-M
5/10/91	1 GALLON	255			3	
5/10/91	1 GALLON	256		7	1	H-M
5/10/91	1 GALLON	257			3	H-M
5/10/91	1 GALLON	258		10	1	H-M
5/10/91	1 GALLON	259	44		1	
5/10/91	1 GALLON	260	57		1	
5/10/91	1 GALLON	261		6	1	H-M
5/10/91	1 GALLON	262		9	1	H-M
5/10/91	1 GALLON	263	31		2	
5/10/91	1 GALLON	264		7	1	H-M
5/10/91	1 GALLON	274		4	1	
5/10/91	1 GALLON	275	61		1	
5/10/91	1 GALLON	276		17	2	
5/10/91	1 GALLON	277		7	1	H-M
5/10/91	1 GALLON	278	36		1	
5/10/91	1 GALLON	279		16	1	
5/10/91	1 GALLON	280	59		1	
5/10/91	1 GALLON	281		14	1	
5/10/91	1 GALLON	282		8	1	H-M
5/10/91	1 GALLON	283	32		2	
5/10/91	1 GALLON	284			3	H-M
5/10/91	1 GALLON	285		7	1	H-M
5/10/91	1 GALLON	286			3	H-M
5/10/91	1 GALLON	287		4	1	H-M
5/10/91	1 GALLON	288		11	1	H-M

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APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
5/10/91	1 GALLON	298	34		1	
5/10/91	1 GALLON	299	13		1	
5/10/91	1 GALLON	300		8	1	
5/10/91	1 GALLON	301			3	H-M
5/10/91	1 GALLON	302			3	
5/10/91	1 GALLON	303	29		1	
5/10/91	1 GALLON	304			3	H-M
5/10/91	1 GALLON	305			3	H-M
5/10/91	1 GALLON	306	66		1	
5/10/91	1 GALLON	307			3	H-M
5/10/91	1 GALLON	308		16	1	H-M
5/10/91	1 GALLON	309		14	1	H-M
5/10/91	1 GALLON	310		11	1	H-M
5/10/91	1 GALLON	311			3	H-M
5/10/91	1 GALLON	312		12	1	H-M
5/10/91	1 GALLON	322			3	
5/10/91	1 GALLON	323	54		1	
5/10/91	1 GALLON	324		19	2	
5/10/91	1 GALLON	325		10	1	H-M
5/10/91	1 GALLON	326	53		1	
5/10/91	1 GALLON	327		13	1	H-M
5/10/91	1 GALLON	328	46		1	
5/10/91	1 GALLON	329	60		1	
5/10/91	1 GALLON	330	79		1	
5/10/91	1 GALLON	331	67		1	
5/10/91	1 GALLON	332	53		1	
5/10/91	1 GALLON	333	72		1	
5/10/91	1 GALLON	334	55		2	
5/10/91	1 GALLON	335		9	1	H-M
5/10/91	1 GALLON	336		38	1	
5/10/91	1 GALLON	346			3	
5/10/91	1 GALLON	347		18	1	
5/10/91	1 GALLON	348		9	1	
5/10/91	1 GALLON	349			3	
5/10/91	1 GALLON	350		11	1	H-M
5/10/91	1 GALLON	351			3	H-M

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM
ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
5/10/91	1 GALLON	352	22		1	
5/10/91	1 GALLON	353		12	1	H-M
5/10/91	1 GALLON	354			3	
5/10/91	1 GALLON	355	11		1	H-M
5/10/91	1 GALLON	356			3	H-M
5/10/91	1 GALLON	357		13	1	H-M
5/10/91	1 GALLON	358			3	H-M
5/10/91	1 GALLON	359	90		1	
5/10/91	1 GALLON	360	57		1	
5/10/91	1 GALLON	370		9	1	
5/10/91	1 GALLON	371		9	2	
5/10/91	1 GALLON	372		16	2	
5/10/91	1 GALLON	373	24		1	
5/10/91	1 GALLON	374		10	1	H-M
5/10/91	1 GALLON	375	15		1	H-M
5/10/91	1 GALLON	376		12	1	H-M
5/10/91	1 GALLON	377	58		1	
5/10/91	1 GALLON	378		13	2	H-M
5/10/91	1 GALLON	379	32		1	
5/10/91	1 GALLON	380	11		1	H-M
5/10/91	1 GALLON	381	89		1	
5/10/91	1 GALLON	382	84		1	
5/10/91	1 GALLON	383	81		1	
5/10/91	1 GALLON	384	64		1	
5/10/91	1 GALLON	394			3	M-M
5/10/91	1 GALLON	395		10	1	
5/10/91	1 GALLON	396		8	1	
5/10/91	1 GALLON	397	74		1	
5/10/91	1 GALLON	398		17	1	
5/10/91	1 GALLON	399	34		1	
5/10/91	1 GALLON	400	18		1	
5/10/91	1 GALLON	401	48		1	
5/10/91	1 GALLON	402	66		1	
5/10/91	1 GALLON	403	61		1	
5/10/91	1 GALLON	404			3	H-M
5/10/91	1 GALLON	405	51		1	

APPENDIX C. SLFD SYCAMORE PILOT PROGRAM

ONE-GALLON TREE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT	PLANTED 12/90	VIGOR*	DAMAGE**
5/10/91	1 GALLON	406			3	H-M
5/10/91	1 GALLON	407	52		1	
5/10/91	1 GALLON	408	33		1	
5/10/91	1 GALLON	418			3	M-M
5/10/91	1 GALLON	419			3	M-M
5/10/91	1 GALLON	420			3	M-M
5/10/91	1 GALLON	A1	65		1	
5/10/91	1 GALLON	A2	53		1	
5/10/91	1 GALLON	A3	74		2	
5/10/91	1 GALLON	A4	76		1	
5/10/91	1 GALLON	A5	22		1	
5/10/91	1 GALLON	A6		71	1	
5/10/91	1 GALLON	A7	39		2	
5/10/91	1 GALLON	A8	21		2	

MINUMUM HEIGHT	3.00
MAXIMUM HEIGHT	90.00
AVERAGE HEIGHT	50.22

VIGOR*:	DAMAGE**:	only damaged trees were recorded	
1=healthy	H=high	I=insect	R=rabbit
2=senescent	M=medium	M=mammal	D=deer
3=dead	L=low		

Appendix D

SLFD SYCAMORE PILOT PROGRAM; SLEEVE DATA SHEET

APPENDIX D. SLFD SYCAMORE PILOT PROGRAM

SLEEVE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	PLANTED 12/90	VIGOR*	COMMENTS
2/2/90	sleeve	1	3		1	
2/2/90	sleeve	2	3		1	
2/2/90	sleeve	3	3		1	
2/2/90	sleeve	4	3		1	
2/2/90	sleeve	5	3		1	
2/2/90	sleeve	6	3		1	
2/2/90	sleeve	7	3		1	
2/2/90	sleeve	8	3		1	
2/2/90	sleeve	9	3		1	
2/2/90	sleeve	10	3		1	
2/2/90	sleeve	11	3		1	
2/2/90	sleeve	12	3		1	
2/2/90	sleeve	13	3		1	
2/2/90	sleeve	14	3		1	
2/2/90	sleeve	15	3		1	
2/2/90	sleeve	16	3		1	
2/2/90	sleeve	17	3		1	
2/2/90	sleeve	18	3		1	
2/2/90	sleeve	19	3		1	
2/2/90	sleeve	20	3		1	
2/2/90	sleeve	21	3		1	
2/2/90	sleeve	22	3		1	
2/2/90	sleeve	23	3		1	
2/2/90	sleeve	24	3		1	
2/2/90	sleeve	25	3		1	
2/2/90	sleeve	26	3		1	
2/2/90	sleeve	27	3		1	
2/2/90	sleeve	28	3		1	
2/2/90	sleeve	29	3		1	
2/2/90	sleeve	30	3		1	
2/2/90	sleeve	31	3		1	
2/2/90	sleeve	32	3		1	
2/2/90	sleeve	33	3		1	
2/2/90	sleeve	34	3		1	
2/2/90	sleeve	35	3		1	

APPENDIX D. SLFD SYCAMORE PILOT PROGRAM

SLEEVE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	PLANTED 12/90	VIGOR*	COMMENTS
2/2/90	sleeve	36	3		1	
2/2/90	sleeve	37	3		1	
2/2/90	sleeve	38	3		1	
2/2/90	sleeve	39	3		1	
2/2/90	sleeve	40	3		1	
2/2/90	sleeve	41	3		1	
2/2/90	sleeve	42	3		1	
2/2/90	sleeve	43	3		1	
2/2/90	sleeve	44	3		1	
2/2/90	sleeve	45	3		1	
2/2/90	sleeve	46	3		1	
2/2/90	sleeve	47	3		1	
2/2/90	sleeve	48	3		1	
2/2/90	sleeve	49	3		1	
2/2/90	sleeve	50	3		1	
2/2/90	sleeve	51	3		1	
2/2/90	sleeve	52	3		1	
2/2/90	sleeve	53	3		1	
2/2/90	sleeve	54	3		1	
2/2/90	sleeve	55	3		1	
2/2/90	sleeve	56	3		1	
2/2/90	sleeve	57	3		1	
2/2/90	sleeve	58	3		1	
2/2/90	sleeve	59	3		1	
2/2/90	sleeve	60	3		1	
2/2/90	sleeve	61	3		1	
2/2/90	sleeve	62	3		1	
2/2/90	sleeve	63	3		1	
2/2/90	sleeve	64	3		1	
2/2/90	sleeve	65	3		1	
2/2/90	sleeve	66	3		1	
2/2/90	sleeve	67	3		1	
2/2/90	sleeve	68	3		1	
2/2/90	sleeve	69	3		1	
2/2/90	sleeve	70	3		1	

APPENDIX D. SLFD SYCAMORE PILOT PROGRAM

SLEEVE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	PLANTED 12/90	VIGOR*	COMMENTS
2/2/90	sleeve	71	3		1	
2/2/90	sleeve	72	3		1	
2/2/90	sleeve	73	3		1	
2/2/90	sleeve	74	3		1	
2/2/90	sleeve	75	3		1	
2/2/90	sleeve	76	3		1	
2/2/90	sleeve	77	3		1	
2/2/90	sleeve	78	3		1	
2/2/90	sleeve	79	3		1	
2/2/90	sleeve	80	3		1	
2/2/90	sleeve	81	3		1	
2/2/90	sleeve	82	3		1	
2/2/90	sleeve	83	3		1	
2/2/90	sleeve	84	3		1	
2/2/90	sleeve	85	3		1	
2/2/90	sleeve	86	3		1	
2/2/90	sleeve	87	3		1	
2/2/90	sleeve	88	3		1	
2/2/90	sleeve	89	3		1	
2/2/90	sleeve	90	3		1	
2/2/90	sleeve	91	3		1	
2/2/90	sleeve	92	3		1	
2/2/90	sleeve	93	3		1	
2/2/90	sleeve	94	3		1	
2/2/90	sleeve	95	3		1	
2/2/90	sleeve	96	3		1	
2/2/90	sleeve	97	3		1	
2/2/90	sleeve	98	3		1	
2/2/90	sleeve	99	3		1	
2/2/90	sleeve	100	3		1	
2/2/90	sleeve	101	3		1	
2/2/90	sleeve	102	3		1	
2/2/90	sleeve	103	3		1	
2/2/90	sleeve	104	3		1	
2/2/90	sleeve	105	3		1	

APPENDIX D. SLFD SYCAMORE PILOT PROGRAM

SLEEVE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	PLANTED 12/90	VIGOR*	COMMENTS
2/2/90	sleeve	106	3		1	
2/2/90	sleeve	107	3		1	
2/2/90	sleeve	108	3		1	
2/2/90	sleeve	109	3		1	
2/2/90	sleeve	110	3		1	
2/2/90	sleeve	111	3		1	
2/2/90	sleeve	112	3		1	
2/2/90	sleeve	113	3		1	
2/2/90	sleeve	114	3		1	
2/2/90	sleeve	115	3		1	
2/2/90	sleeve	116	3		1	
2/2/90	sleeve	117	3		1	
2/2/90	sleeve	118	3		1	
2/2/90	sleeve	119	3		1	
2/2/90	sleeve	120	3		1	
2/2/90	sleeve	121	3		1	
2/2/90	sleeve	122	3		1	
2/2/90	sleeve	123	3		1	
2/2/90	sleeve	124	3		1	
2/2/90	sleeve	125	3		1	
2/2/90	sleeve	126	3		1	
2/2/90	sleeve	127	3		1	
2/2/90	sleeve	128	3		1	
2/2/90	sleeve	129	3		1	
2/2/90	sleeve	130	3		1	
2/2/90	sleeve	131	3		1	
2/2/90	sleeve	132	3		1	
2/2/90	sleeve	133	3		1	
2/2/90	sleeve	134	3		1	
2/2/90	sleeve	135	3		1	
2/2/90	sleeve	136	3		1	
2/2/90	sleeve	137	3		1	
2/2/90	sleeve	138	3		1	
2/2/90	sleeve	139	3		1	
2/2/90	sleeve	140	3		1	

APPENDIX D. SLFD SYCAMORE PILOT PROGRAM

SLEEVE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	PLANTED 12/90	VIGOR*	COMMENTS
2/2/90	sleeve	141	3		1	
2/2/90	sleeve	142	3		1	
2/2/90	sleeve	143	3		1	
2/2/90	sleeve	144	3		1	

		VIGOR*:
MINUMUM	3.00	1=healthy
MAXIMUM	3.00	2=senescent
AVERAGE	3.00	3=dead

APPENDIX D. SLFD SYCAMORE PILOT PROGRAM

SLEEVE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	PLANTED 12/90	VIGOR*	COMMENTS
6/29/90	sleeve	4	8		1	
6/29/90	sleeve	6	5		1	
6/29/90	sleeve	7	2		1	
		VIGOR*:				
MINUMUM	2.00	1=healthy				
MAXIMUM	8.00	2=senescent				
AVERAGE	5.00	3=dead				

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APPENDIX D. SLFD SYCAMORE PILOT PROGRAM

SLEEVE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	PLANTED 12/90	VIGOR*	COMMENTS
8/23/90	sleeve	4	16		1	
8/23/90	sleeve	6	16		1	
8/23/90	sleeve	7	10		1	
8/23/90	sleeve	56	27		1	
8/23/90	sleeve	58	17		1	
8/23/90	sleeve	68	40		1	
8/23/90	sleeve	71	6		1	
8/23/90	sleeve	72	12		1	

MINUMUM	6.00	VIGOR*:
MAXIMUM	40.00	1=healthy
AVERAGE	18.00	2=senescent
		3=dead

APPENDIX D. SLFD SYCAMORE PILOT PROGRAM

SLEEVE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	PLANTED 12/90	VIGOR*	COMMENTS
11/29/90	sleeve	4	20		1	
11/29/90	sleeve	6	28		1	
11/29/90	sleeve	7	16		1	
11/29/90	sleeve	56	36		1	
11/29/90	sleeve	58	25		1	
11/29/90	sleeve	68	66		1	
11/29/90	sleeve	71	13		1	
11/29/90	sleeve	72	16		1	

		VIGOR*:
MINUMUM	13.00	1=healthy
MAXIMUM	66.00	2=senescent
AVERAGE	27.50	3=dead

APPENDIX D. SLFD SYCAMORE PILOT PROGRAM

SLEEVE DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	PLANTED 12/90	VIGOR*	COMMENTS
5/10/91	sleeve	2		6	1	
5/10/91	sleeve	3		16	1	
5/10/91	sleeve	4	18		1	
5/10/91	sleeve	5		14	1	
5/10/91	sleeve	6	47		1	
5/10/91	sleeve	7	22		1	
5/10/91	sleeve	8		8	1	
5/10/91	sleeve	9		64	1	
5/10/91	sleeve	26		59	1	
5/10/91	sleeve	28		50	1	
5/10/91	sleeve	30		55	1	
5/10/91	sleeve	31		16	1	
5/10/91	sleeve	52		9	1	
5/10/91	sleeve	54		49	1	
5/10/91	sleeve	55		56	1	
5/10/91	sleeve	56	49		1	
5/10/91	sleeve	57		15	1	
5/10/91	sleeve	58	38		1	
5/10/91	sleeve	68	65		1	
5/10/91	sleeve	71	10		1	
5/10/91	sleeve	72	15		1	

		VIGOR*:
		1=healthy
MINUMUM	10.00	2=senescent
MAXIMUM	65.00	3=dead
AVERAGE	33.00	(Note: average does not include trees planted in 12/90)

Appendix E

SLFD SYCAMORE PILOT PROGRAM; CUTTING DATA SHEET

D —0 5 4 2 7 7

D-054277

APPENDIX E. SLFD SYCAMORE PILOT PROGRAM

CUTTING DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	VIGOR*	COMMENTS
2/2/90	CUTTING	1		1	dormant twigs
2/2/90	CUTTING	2		1	dormant twigs
2/2/90	CUTTING	3		1	dormant twigs
2/2/90	CUTTING	4		1	dormant twigs
2/2/90	CUTTING	5		1	dormant twigs
2/2/90	CUTTING	6		1	dormant twigs
2/2/90	CUTTING	7		1	dormant twigs
2/2/90	CUTTING	8		1	dormant twigs
2/2/90	CUTTING	9		1	dormant twigs
2/2/90	CUTTING	10		1	dormant twigs
2/2/90	CUTTING	11		1	dormant twigs
2/2/90	CUTTING	12		1	dormant twigs
2/2/90	CUTTING	13		1	dormant twigs
2/2/90	CUTTING	14		1	dormant twigs
2/2/90	CUTTING	15		1	dormant twigs
2/2/90	CUTTING	16		1	dormant twigs
2/2/90	CUTTING	17		1	dormant twigs
2/2/90	CUTTING	18		1	dormant twigs
2/2/90	CUTTING	19		1	dormant twigs
2/2/90	CUTTING	20		1	dormant twigs
		Vigor*:			
MINUMUM	N/A	Healthy=1	Dormant=4		
MAXIMUM	N/A	Senescent=2			
AVERAGE	N/A	Dead=3			

D-054278

D-054278

APPENDIX E. SLFD SYCAMORE PILOT PROGRAM

CUTTING DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	VIGOR*	COMMENTS
6/29/90	CUTTING	1		3	
6/29/90	CUTTING	2	2	2	
6/29/90	CUTTING	3	3	1	
6/29/90	CUTTING	4		3	
6/29/90	CUTTING	5	2	2	
6/29/90	CUTTING	6		3	
6/29/90	CUTTING	7		3	
6/29/90	CUTTING	8		3	
6/29/90	CUTTING	9		3	
6/29/90	CUTTING	10		3	
6/29/90	CUTTING	11	4	1	
6/29/90	CUTTING	12	2	2	
6/29/90	CUTTING	13	3	2	
6/29/90	CUTTING	14		3	
6/29/90	CUTTING	15	3	1	
6/29/90	CUTTING	16	2	2	
6/29/90	CUTTING	17		3	
6/29/90	CUTTING	18	4	1	
6/29/90	CUTTING	19	2	2	
6/29/90	CUTTING	20	2	2	
		Vigor*:			
MINUMUM	2.00	Healthy=1	Dormant=4		
MAXIMUM	4.00	Senescent=2			
AVERAGE	2.64	Dead=3			

APPENDIX E. SLFD SYCAMORE PILOT PROGRAM

CUTTING DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	VIGOR*	COMMENTS
8/23/90	CUTTING	1		3	
8/23/90	CUTTING	2		3	
8/23/90	CUTTING	3		3	
8/23/90	CUTTING	4		3	
8/23/90	CUTTING	5		3	
8/23/90	CUTTING	6		3	
8/23/90	CUTTING	7		3	
8/23/90	CUTTING	8		3	
8/23/90	CUTTING	9		3	
8/23/90	CUTTING	10		3	
8/23/90	CUTTING	11		3	
8/23/90	CUTTING	12		3	
8/23/90	CUTTING	13		3	
8/23/90	CUTTING	14		3	
8/23/90	CUTTING	15	4	2	
8/23/90	CUTTING	16		3	
8/23/90	CUTTING	17		3	
8/23/90	CUTTING	18	5	2	
8/23/90	CUTTING	19		3	
8/23/90	CUTTING	20		3	
		Vigor*:			
MINUMUM	4.00	Healthy=1	Dormant=4		
MAXIMUM	5.00	Senescent=2			
AVERAGE	4.50	Dead=3			

D-054280

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APPENDIX E. SLFD SYCAMORE PILOT PROGRAM

CUTTING DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	VIGOR*	COMMENTS
11/9/90	CUTTING	1		3	
11/9/90	CUTTING	2		3	
11/9/90	CUTTING	3		3	
11/9/90	CUTTING	4		3	
11/9/90	CUTTING	5		3	
11/9/90	CUTTING	6		3	
11/9/90	CUTTING	7		3	
11/9/90	CUTTING	8		3	
11/9/90	CUTTING	9		3	
11/9/90	CUTTING	10		3	
11/9/90	CUTTING	11		3	
11/9/90	CUTTING	12		3	
11/9/90	CUTTING	13		3	
11/9/90	CUTTING	14		3	
11/9/90	CUTTING	15	4	4	dormant
11/9/90	CUTTING	16		3	
11/9/90	CUTTING	17		3	
11/9/90	CUTTING	18	5	4	dormant
11/9/90	CUTTING	19		3	
11/9/90	CUTTING	20		3	
		Vigor*:			
MINUMUM	4.00	Healthy=1	Dormant=4		
MAXIMUM	5.00	Senescent=2			
AVERAGE	4.50	Dead=3			

D-054281

D-054281

APPENDIX E. SLFD SYCAMORE PILOT PROGRAM

CUTTING DATA SHEET

DATE	TREE SIZE	REPLICATE	HEIGHT (in.)	VIGOR*	COMMENTS
5/10/91	CUTTING	1		3	
5/10/91	CUTTING	2		3	
5/10/91	CUTTING	3		3	
5/10/91	CUTTING	4		3	
5/10/91	CUTTING	5		3	
5/10/91	CUTTING	6		3	
5/10/91	CUTTING	7		3	
5/10/91	CUTTING	8		3	
5/10/91	CUTTING	9		3	
5/10/91	CUTTING	10		3	
5/10/91	CUTTING	11		3	
5/10/91	CUTTING	12		3	
5/10/91	CUTTING	13		3	
5/10/91	CUTTING	14		3	
5/10/91	CUTTING	15	5	1	main shoot dead, sprouted
5/10/91	CUTTING	16		3	
5/10/91	CUTTING	17		3	
5/10/91	CUTTING	18	6	2	main shoot dead, sprouted
5/10/91	CUTTING	19		3	
5/10/91	CUTTING	20		3	
		Vigor*:			
MINUMUM	5.00	Healthy=1	Dormant=4		
MAXIMUM	6.00	Senescent=2			
AVERAGE	5.50	Dead=3			

D-054282

D-054282

Appendix F

SLFD SYCAMORE PILOT PROGRAM SEEDLING DATA

D —0 5 4 2 8 3

D-054283

APPENDIX F.
SLFD SYCAMORE PILOT PROGRAM SEEDLING DATA

DATE	TREATMENT	NO. OF SEEDLINGS	AVERAGE HEIGHT (inches)
6/29/90	fenced/irrigated	400	2
	fenced/non-irrigated	0	
8/23/90	fenced/irrigated	400	6
	fenced/non-irrigated	0	
11/23/90	fenced/irrigated	250	12
	fenced/non-irrigated	0	
5/10/91	fenced/irrigated	250	18
	fenced/non-irrigated	0	

D-054284

D-054284

Appendix G

ORESTIMBA EXCLUSION PLOT DATA SHEET

D —0 5 4 2 8 5

D-054285

APPENDIX G. ORESTIMBA EXCLUSION PLOT DATA SHEET

DATE: 6/28/90
DATATAKER(S): Karen Wiese, Debra Bishop

FENCED AREA

Evidendce of sycamore seedlings? no

Comments: no evidence of sycamore regeneration either as seedlings or sprouts

Plant Species	Percent of Total Vegetation
Brassica campestris	5%
Chenopodium album	17%
Erodium spp.	3%
Other grasses (*Bromus diandrus, Bromus mollis, Hordeum leporinum*)	75%

CONTROL

Evidence of sycamore seedlings? no

Comments: no evidence of sycamore regeneration either as seedlings or sprouts

Plant Species	Percent of Total Vegetation
Amaranthus albus	3%
Brassica campestris	8%
Chenopodium album	7%
Eremocarpus setigerus	3%
Erodium spp.	14%
Other grasses (*Bromus diandrus, Bromus mollis, Hordeum leporinum*)	65%

APPENDIX G. ORESTIMBA EXCLUSION PLOT DATA SHEET

DATE: 1/15/91
DATATAKER(S): Karen Wiese, Debra Bishop

FENCED AREA

Evidendce of sycamore seedlings? no

Comments: not alot of seed balls, however sprouting on the largest of the 3 trees; seed balls are hard and still on trees, doesn't look like they will dehise

Plant Species	Percent of Total Vegetation

CONTROL

Evidence of sycamore seedlings? no

Comments: on w. tree significant number of seed balls, leaves underneath, no grazing, young seedlings on east tree, 0 seed balls

Plant Species	Percent of Total Vegetation

D-054287

D-054287

APPENDIX G. ORESTIMBA EXCLUSION PLOT DATA SHEET

DATE: 5-1-91
DATATAKER(S): Karen Wiese

FENCED AREA

Evidendce ov sycamore seedlings? no

Comments: however, 4 4-5" suckers have sprouted from base of tree

Plant Species	Percent of Total Vegetation
Urtica (dioca)	5%
Hordeum leporinum	90%
Nicotiana glauca	1 plant
Bromus (rigidus)	2%
cheeseweed	
Bromus mollis around edges, not directly under tree	
Erodium	

CONTROL

Evidence of sycamore seedlings? no

Comments: however, suckers present at base of tree closest to fence - east; there are 4 longhorns here

Plant Species	Percent of Total Vegetation
Hordeum leporinum	80%
Urtica	5%
Bromus rigidus	10%
Amsinckia	3%
Brassica	

D-054288

D-054288

Appendix H

MEDEIROS RESTORATION PROGRAM
MASTER TREE LIST

D—054289

D-054289

Appendix H. Medeiros Restoration Program Master Tree List

Site	Tree Number	Tree Species	Size (gal.)	Origin	Depth to Water Table (ft.)	Control	DriWater
1	1	sycamore	5	CCC	6		
1	2	sycamore	5	CCC	6		
1	3	sycamore	5	CCC	6		
1	4	sycamore	5	CCC	6		
1	5	sycamore	5	CCC	6		
1	6	willow (H)	1	CCC	6		
1	7	willow (L)	1	CCC	6		
1	8	sycamore	5	CCC	7	X	X
1	9	sycamore	5	CCC	7	X	
1	10	sycamore	5	CCC	7	X	
1	11	willow (H)	1	CCC	6		
1	12	sycamore	5	CCC	6	X	
1	13	cottonwood	1	CCC	6		
1	14	sycamore	1	CCC	7	X	X
1	15	sycamore	5	CCC	7	X	X
1	16	cottonwood	1	CCC	6		
1	17	sycamore	5	CCC	7	X	X
1	18	sycamore	5	CCC	7	X	X
1	19	sycamore	5	CCC	7	X	X
1	20	sycamore	1	CCC	7	X	X
1	21	sycamore	1	CCC	6		
1	22	valley oak	1	CCC	6		
1	23	willow (H)	1	CCC	6		
1	24A	willow (L)	1	CCC	6		
1	24B	willow (H)	1	CCC	4		
1	25	willow (L)	1	CCC	6		
1	26	willow (H)	1	CCC	6		
1	27	willow (H)	1	CCC	6		
1	28	willow (H)	1	CCC	5		
1	29	sycamore	5	CCC	6		
1	30	willow (L)	1	CCC	4		
1	31	sycamore	1	CCC	6		
1	32	sycamore	1	CCC	5		
1	33	willow (L)	1	CCC	4		
1	34	cottonwood	1	CCC	5		
1	35	cottonwood	1	CCC	4		
1	36	sycamore	1	CCC	5		
1	37	sycamore	1	CCC	5		
1	38	sycamore	5	CCC	6		
1	39	sycamore	5	CCC	6		
1	40	sycamore	1	CCC	5		
1	41	willow (L)	1	CCC	4		
1	42	sycamore	5	CCC	6		
1	43	sycamore	1	CCC	6		
1	44	willow (L)	1	CCC	5		
1	45	sycamore	5	CCC	6		
1	46	willow (L)	1	CCC	5		

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D-054290

Site	Tree Number	Tree Species	Size (gal.)	Origin	Depth to Water Table (ft.)	Control	DriWater
1	47	sycamore	1	CCC	6		
1	48	willow (H)	1	CCC	4		
1	49	valley oak	1	CCC	4		
1	50	willow (L)	1	CCC	4		
1	51	willow (H)	1	CCC	5		
1	52	sycamore	1	CCC	6		
1	53	willow (H)	1	CCC	5		
1	54	sycamore	5	CCC	6		
1	55	willow (L)	1	CCC	6		
1	56	willow (H)	1	CCC	5		
1	57	valley oak	1	CCC	6		
1	58	willow (L)	1	CCC	5		
1	59	willow (L)	1	CCC	4		
1	60	willow (L)	1	CCC	4		
1	61	willow (L)	1	CCC	4		
1	62	willow (L)	1	CCC	4		
1	63	sycamore	5	CCC	5		
1	64	sycamore	1	CCC	4		
1	65	willow (H)	1	CCC	4		
1	66	willow (H)	1	CCC	4		
1	67	sycamore	5	CCC	5		
1	68	sycamore	1	CCC	5		
1	69	sycamore	5	CCC	5		
1	70	willow (H)	1	CCC	5		
1	71	sycamore	5	CCC	5		
1	72	willow (H)	1	CCC	4		
1	73	sycamore	5	CCC	6		
1	74	sycamore	5	CCC	5		
1	75	baccharis	1	CCC	7	X	
1	76	willow (H)	1	CCC	4		
1	77	sycamore	1	CCC	7	X	
1	78	sycamore	5	CCC	7	X	
1	79	sycamore	5	CCC	7	X	
1	80	no trace	-	CCC	6		
1	81	willow (L)	1	CCC	6		
1	82	willow (L)	1	CCC	5		
1	83	willow (L)	1	CCC	4		
1	84	sycamore	5	CCC	5		
1	85	willow (H)	1	CCC	4		
1	86	sycamore	1	CCC	4		
1	87	willow (L)	1	CCC	5		
1	88	willow (H)	1	CCC	4		
1	89	sycamore	1	CCC	4		
1	90	sycamore	5	CCC	5		
1	91	willow (H)	1	CCC	4		
1	92	sycamore	1	CCC	5		X
1	93	sycamore	5	CCC	4		
1	94	sycamore	5	CCC	4		
1	95	sycamore	1	CCC	5		X
1	96	sycamore	5	CCC	5		

Site	Tree Number	Tree Species	Size (gal.)	Origin	Depth to Water Table (ft.)	Control	DriWater
1	97	willow (L)	1	CCC	3		
1	98	sycamore	5	CCC	4		
1	99	sycamore	5	CCC	4		
1	100	valley oak	1	CCC	>6		X
2	1	sycamore	1	CCC	2		
2	2	sycamore	1	CCC	2		
2	3	sycamore	1	CCC	2		
2	4	cottonwood	1	CCC	2		
2	5	sycamore	1	CCC	2		
2	6	cottonwood	1	CCC	2		
2	7	sycamore	5	CCC	3		
2	8	sycamore	5	CCC	3		
2	9	sycamore	5	CCC	3		
2	10	sycamore	1	CCC	3		
2	11	sycamore	5	CCC	3		
2	12	sycamore	5	CCC	3		
2	13	sycamore	5	CCC	3		
2	14	sycamore	5	CCC	3		
2	15	sycamore	5	CCC	4		
2	16	sycamore	5	CCC	4		
2	17	sycamore	5	CCC	4		
2	18	sycamore	5	CCC	4		
2	19	sycamore	5	CCC	4		
2	20	sycamore	5	CCC	4		
2	21	sycamore	1	CCC	4		
2	22	sycamore	1	CCC	4		
2	23	sycamore	5	CCC	4		
2	24	sycamore	1	CCC	4		
2	25	sycamore	1	CCC	4		
2	26	sycamore	1	CCC	4		
2	27	sycamore	1	CCC	4		
2	28	sycamore	5	CCC	4		
2	29	sycamore	1	CCC	4		
2	30	cottonwood	1	CCC	4		
2	31	cottonwood	1	CCC	4		
2	32	cottonwood	1	CCC	4		
2	33	sycamore	5	CCC	4		
2	34	sycamore	5	CCC	4		
2	35	willow (L)	1	CCC	3		
2	36	willow (L)	1	CCC	3		
2	37	willow (L)	1	CCC	3		
2	38A	willow (L)	1	CCC	4		
2	39	sycamore	5	CCC	3		
3	1	sycamore	5	Wapumne	7	X	X
3	2	sycamore	5	Wapumne	7	X	
3	3	sycamore	5	Wapumne	7	X	
3	4	sycamore	5	Wapumne	7	X	X
3	5	sycamore	5	Wapumne	7	X	X
3	6	sycamore	5	CCC	3		
3	7	sycamore	5	CCC	3		

Site	Tree Number	Tree Species	Size (gal.)	Origin	Depth to Water Table (ft.)	Control	DriWater
3	8	sycamore	5	CCC	3		X
3	9	sycamore	5	CCC	3		
3	10	sycamore	5	CCC	6		
3	11	sycamore	5	CCC	6	X	X
3	12	sycamore	5	CCC	6	X	X
4	1	sycamore	5	CCC	4		X
4	2	sycamore	5	CCC	4		X
4	3	sycamore	5	CCC	4		
4	4	sycamore	5	CCC	4		
4	5	sycamore	5	CCC	4		
4	6	sycamore	5	CCC	4		
4	7	sycamore	5	CCC	4		
4	8	sycamore	5	CCC	4		
4	9	sycamore	5	CCC	4		
4	10	sycamore	5	CCC	4		
4	11	valley oak	1	CCC	3.5		
4	12	valley oak	1	CCC	3.5		
4	13	valley oak	1	CCC	3.5		
4	14	valley oak	1	CCC	3.5		
4	15	valley oak	1	CCC	3.5		
4	16	sycamore	5	CCC	4		
4	17	sycamore	5	CCC	4		
4	18	sycamore	5	CCC	4		X
4	19	sycamore	5	CCC	4		X
4	20	sycamore	5	CCC	4		X
4	21	valley oak	1	CCC	4		X
4	22	valley oak	1	CCC	4		
4	23	valley oak	1	CCC	4		
4	24	sycamore	1	CCC	4		
4	25	scrub oak	1	CCC	4		
4	26	valley oak	1	CCC	4		
4	27A	valley oak	1	CCC	4		
4	27B	sycamore	1	CCC	3		
4	28	sycamore	5	CCC	4		
4	29	sycamore	5	CCC	4		
4	30	sycamore	5	CCC	4		
4	31	sycamore	5	CCC	4		
4	32	sycamore	5	CCC	4		
4	33	sycamore	5	CCC	4		
4	34	cottonwood	1	CCC	4		
4	35	cottonwood	1	CCC	4		
4	36	sycamore	5	CCC	4		X
4	37	sycamore	5	CCC	4		X
4	38	sycamore	5	CCC	4		X
4	39	sycamore	5	CCC	3		
4	40	sycamore	5	CCC	3		
4	41	sycamore	5	CCC	3		
4	42	sycamore	1	CCC	3		
4	43	sycamore	5	CCC	4		
4	44	sycamore	5	CCC	3		

Site	Tree Number	Tree Species	Size (gal.)	Origin	Depth to Water Table (ft.)	Control	DriWater
4	45	sycamore	1	CCC	3		
4	46	sycamore	5	CCC	3		
4	47	sycamore	5	CCC	3		
4	48	sycamore	5	CCC	3		
4	49	sycamore	5	CCC	3		
4	50	valley oak	1	CCC	4		
4	51	sycamore	5	CCC	3		
4	52	willow (H)	1	CCC	3		
4	53	cottonwood	1	CCC	3		
4	54	willow (H)	1	CCC	3		
4	55	cottonwood	1	CCC	3		
4	56	willow (L)	1	CCC	3		
4	57	willow (L)	1	CCC	3		
4	58	willow (H)	1	CCC	3		
4	59	willow (H)	1	CCC	3		
4	60	willow (L)	1	CCC	3		
4	61	willow (H)	1	CCC	3		
4	62	willow (H)	1	CCC	3		
5	1	willow (L)	1	CCC	3		
5	2	sycamore	5	DAVIS	3		
5	3	willow (H)	1	CCC	3		
5	4	willow (L)	1	CCC	3		
5	5	willow (L)	1	CCC	3		
5	6	cottonwood	1	CCC	3		
5	7	cottonwood	1	CCC	3		
5	8	willow (L)	1	CCC	3		
5	9	willow (L)	1	CCC	3		
5	10	cottonwood	1	CCC	3		
5	11	cottonwood	1	CCC	2		
5	12	willow (H)	1	CCC	2		
5	13	willow (L)	1	CCC	2		
5	14	willow (L)	1	CCC	2		
5	15	willow (H)	1	CCC	2		
5	16	cottonwood	1	CCC	2		
5	17	cottonwood	1	CCC	3		
5	18	sycamore	5	CCC	3		
5	19	sycamore	5	CCC	4		
5	20	sycamore	5	CCC	4		
5	21	sycamore	5	DAVIS	4		
5	22	sycamore	5	CCC	4		
5	23	sycamore	5	CCC	4		
5	24	sycamore	5	CCC	4		
5	25	sycamore	5	DAVIS	4		

H = Salix hindsiana
L = Salix lasiolepsis
CCC = California Conservation Corps, Napa
Wapumne = Wapumne Native Plant Nursery, Rocklin
Davis = Davis Nursery, Davis

Appendix I

MEDEIROS RESTORATION PROGRAM

D—054295

D-054295

Appendix I. **MEDEIROS RESTORATION PROGRAM**

Site no. 1 Date 3/8/91
Datataker Daniel Burmester

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
1	sycamore	50	0.7			
2	sycamore	44	0.6			
3	sycamore	30	0.4			
4	sycamore	24	0.8			
5	sycamore	40	0.9			
6	willow (H)	12	0.3			
7	willow (L)	15	0.4			
8	sycamore	32	1.1			
9	sycamore	52	1.25			
10	sycamore	32	0.4			
11	willow (H)	19	0.25			
12	sycamore	23	0.2			
13	cottonwood	18	0.15			
14	sycamore	20	0.35			
15	sycamore	43	1.15			
16	cottonwood	12	0.15			
17	sycamore	42	1.13			
18	sycamore	38	0.6			
19	sycamore	48	0.7			
20	sycamore	33	0.5			
21	sycamore	5	0.1			

H = *Salix hindsiana* L = *Salix lasiolepsis* D = Dead

D-054296

D-054296

Site no. 1 Date 3/8/91
Datataker Daniel Burmester

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
22	valley oak	19	0.1			
23	willow (H)	8	0.2			
24A	willow (L)	20	0.35			
24B	willow (H)					
25	willow (L)	20	0.4			
26	willow (H)	17	0.2			
27	willow (H)	15	0.1			
28	willow (H)	14	0.25			
29	sycamore	79	1.0			
30	willow (L)	20	0.3			
31	sycamore	65	1.1			
32	sycamore	55	0.8			
33	willow (L)	22	0.4			
34	cottonwood	21	0.25			
35	cottonwood	27	0.2			
36	sycamore	33	0.4			
37	sycamore	33	1.25			
38	sycamore	33	1.35			
39	sycamore	54	1.0			
40	sycamore	19	0.25			
41	willow (L)	21	0.45			
42	sycamore	40	0.7			
43	sycamore	6	0.1			

Site no. 1 Date 3/8/91
Datataker Daniel Burmester

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
44	willow (L)	20	0.35			
45	sycamore	50	0.9			
46	willow (L)	19	0.45			
47	sycamore	36	0.6			
48	willow (H)	16	0.2			
49	valley oak	29	0.45			
50	willow (L)	15	0.4			
51	willow (H)	17	0.15			
52	sycamore	18	0.6			
53	willow (H)	16	0.15			
54	sycamore	51	0.9			
55	willow (L)	18	0.25			
56	willow (H)	17	0.35			
57	valley oak	14	0.15			
58	willow (L)	18	0.2			
59	willow (L)	18	0.4			
60	willow (L)	20	0.35			
61	willow (L)	23	0.35			
62	willow (L)	26	0.4			
63	sycamore	49	0.5			
64	sycamore	31	0.7			
65	willow (H)	16	0.25			
66	willow (H)	8	0.1			

Site no. 1 Date 3/8/91
Datataker Daniel Burmester

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
67	sycamore	48	0.7			
68	sycamore	35	0.75			
69	sycamore	49	0.6			
70	willow (H)	15	0.15			
71	sycamore	52	0.7			
72	willow (H)	13	0.15			
73	sycamore	43	0.65			
74	sycamore	36	0.8			
75	Baccharis	15	0.2	X		
76	willow (H)	9	0.15			
77	sycamore	39	0.6	X		
78	sycamore	46	0.55	X		
79	sycamore	41	0.6	X		
80	willow (H)	11	0.2			
81	willow (L)	16	0.3			
82	willow (L)	21	0.35			
83	willow (L)	16	0.4			
84	sycamore	52	0.75			
85	willow (H)	18	0.2			
86	sycamore	36	0.4			
87	willow (L)	17	0.3			
88	willow (H)	15	0.15			
89	sycamore	16	0.25			

Site no. 1 Date 3/8/91
Datataker Daniel Burmester

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
90	sycamore	44	0.8			
91	willow (H)	15	0.2			
92	sycamore	24	0.4		X	2
93	sycamore	46	0.8			
94	sycamore	34	0.65			
95	sycamore	24	0.15		X	2
96	sycamore	66	0.85			
97	willow (L)	22	0.4			
98	sycamore	65	1.0			
99	sycamore	76	1.0			
100	valley oak	1	0.3		X	2.5 / 1

Site no. 2 Date 3/8/91
Datataker Daniel Burmester

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
1	sycamore	6	1.0			
2	sycamore	23	0.3			
3	sycamore	24	0.35			
4	cottonwood	18	0.3			
5	sycamore	15	0.4			
6	cotnwd.(D)	11	0.1			
7	sycamore	42	0.6			
8	sycamore	75	1.1			
9	sycamore	48	0.9			
10	sycamore	36	0.8			
11	sycamore	38	0.7			
12	sycamore	38	0.75			
13	sycamore	52	0.95			
14	sycamore	65	0.8			
15	sycamore	65	0.8			
16	sycamore	46	0.7			
17	sycamore	58	0.7			
18	sycamore	48	0.8			
19	sycamore	60	0.85			
20	sycamore	57	0.85			
21	sycamore	63	0.7			
22	sycamore	22	0.4			
23	sycamore	75	0.9			

Site no. 2 Date 3/8/91
Datataker Daniel Burmester

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
24	sycamore	48	0.8			
25	sycamore	31	0.5			
26	sycamore	32	0.5			
27	sycamore	32	0.55			
28	sycamore	50	0.7			
29	sycamore	39	0.8			
30	cottonwood	14	0.2			
31	cottonwood	20	0.1			
32	cottonwood	11	0.3			
33	sycamore	70	0.9			
34	sycamore	55	0.85			
35	willow (L)	19	0.4			
36	willow (L)	16	0.45			
37	willow (L)	20	0.3			
38	willow (L)	23	0.45			
39	sycamore					

Site no. 3 Date 3/8/91
Datataker Daniel Burmester

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
1	sycamore	49	0.5	X	X	2.75
2	sycamore	56	1.2	X		
3	sycamore	60	1.4	X		
4	sycamore	58	1.1	X	X	2.5
5	sycamore	56	0.8	X	X	3.0
6	sycamore	64	1.0			
7	sycamore	65	0.8			1.75
8	sycamore	49	0.75		X	2
9	sycamore	69	0.81			
10	sycamore	50	0.9			
11	sycamore	33	0.6	X	X	3.5
12	sycamore	3.75	1.0	X	X	2.0

D-054303

D-054303

Site no. 4 Date 3/8/91
Datataker Daniel Burmester

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
1	sycamore	54	0.65		X	2.5
2	sycamore	71	0.85		X	2.0
3	sycamore	53	0.82			2.5
4	sycamore	67	1.25			3.0
5	sycamore	30	0.6			
6	sycamore	51	0.8			
7	sycamore	26	0.55			
8	sycamore	62	0.82			
9	sycamore	60	0.8			
10	sycamore	67	1.0			
11	valley oak	31	0.2			
12	valley oak	21	0.3			
13	valley oak	14	0.3			
14	valley oak	8	0.12			
15	valley oak	14	0.2			
16	sycamore	56	0.9			
17	sycamore	55	0.8			
18	sycamore	52	0.62		X	1
19	sycamore	63	0.85		X	3
20	sycamore	42	0.8		X	2
21	valley oak	12	0.12		X	2
22	valley oak	9	0.13			
23	valley oak	30	0.3			

Site no. 4 Date 3/8/91
Datataker Daniel Burmester

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
24	sycamore	14	0.3			
25	scrub oak	2	0.1			
26	valley oak	13	0.2			
27A	valley oak	9	0.2			
27B	sycamore	50	0.8			
28	sycamore					
29	sycamore	42	0.6			
30	sycamore	56	0.8			
31	sycamore	61	0.9			
32	sycamore	49	0.7			
33	sycamore	45	0.6			
34	cottonwood	21	0.2			
35	cottonwood	11	0.25			
36	sycamore	45	0.7		X	2
37	sycamore	42	0.7		X	3
38	sycamore	36	1.0		X	2.5
39	sycamore	36	0.62			
40	sycamore	65	0.8			
41	sycamore	32	0.4			
42	sycamore	17	0.5			
43	sycamore	21	1.1			
44	sycamore	42	0.8			
45	sycamore	27	0.45			

Site no. 4 Date 3/8/91
Datataker Daniel Burmester

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
46	sycamore	18	0.7			
47	sycamore	67	1.0			
48	sycamore	55	1.3			
49	sycamore	101	1.5			
50	valley oak	33	0.3			
51	sycamore	59	1.0			
52	willow (H)	15	0.2			
53	cottonwood	20	0.3			
54	willow (H)	14	0.2			
55	cottonwood	17	0.2			
56	willow (L)	22	0.4			
57	willow (L)	20	0.4			
58	willow (H)	25	0.3			
59	willow (H)	14	0.2			
61	willow (H)	18	0.3			
62	willow (H)	16	0.3			

Site no. 5 Date 3/8/91
Datataker Daniel Burmester

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
1	willow (L)	19	.15			
2	sycamore	96	1.0			
3	willow (H)	15	0.25			
4	willow (L)	19	0.3			
5	willow (L)	13	0.2			
6	cottonwood	14	.01			
7	cottonwood	7	0.15			
8	willow (L)	16	0.35			
9	willow (L)	17	0.35			
10	cottonwood	18	0.15			
11	cottonwood	14	0.2			
12	willow (H)	16	0.2			
13	willow (L)	14	0.45			
14	willow (L)	18	0.2			
15	willow (H)	16	0.2			
16	cottonwood	18	0.25			
17	cottonwood	20	0.2			
18	sycamore	53	0.6			
19	sycamore	29	0.6			
20	sycamore	60	1.2			
21	sycamore	96	1.1			
22	sycamore	63	1.1			
23	sycamore	58	0.62			

Site no. 5 Date 3/8/91
Datataker Daniel Burmester

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
24	sycamore	80	0.7			
25	sycamore	99	1.1			

MEDEIROS RESTORATION PROGRAM

Site no. 1 Date 5/1/91
Datataker Vicki Keresztury

Tree	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
1	sycamore	50	1.1			
2	sycamore	40	0.7			
3	sycamore	30	0.8			
4	sycamore	35	0.8			
5	sycamore	53	1.1			
6	willow (H)	31	0.9			
7	willow (L)	29	0.4			
8	sycamore	37	0.6			
9	sycamore	52	1.0			
10	sycamore	24	0.35			
11	willow (H)	48	0.35			
12	sycamore	dead	dead			
13	cottonwood	24	0.2			
14	sycamore	24	0.3			
15	sycamore	43	1.2			
16	cottonwood	17	0.2			
17	sycamore	45	0.8			
18	sycamore	40	0.5			
19	sycamore	50	1.1			
20	sycamore	37	0.6			
21	sycamore	dead	dead			

H = *Salix hindsiana* L = *Salix lasiolepsis*

Site no. 1 Date 5/1/91
Datataker Vicki Keresztury

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
22	valley oak	17	0.3			
23	willow (H)	28	0.5			
24A	willow (L)	36	0.3			
24B	willow (H)	23	0.3			
25	willow (L)	33	0.5			
26	willow (H)	37	0.3			
27	willow (H)	41	0.4			
28	willow (H)	32	0.6			
29	sycamore	8	0.1			
30	willow (L)	29	0.4			
31	sycamore	61	1.0			
32	sycamore	56	0.8			
33	willow (L)	39	0.75			
34	cottonwood	22	0.3			
35	cottonwood	31	0.25			
36	sycamore	40	0.55			
37	sycamore	15	0.25			
38	sycamore	16	1.1			
39	sycamore	58	0.8			
40	sycamore	20	0.3			
41	willow (L)	42	0.55			
42	sycamore	40	1.0			
43	sycamore	12	0.2			

Site no. 1 Date 5/1/91
Datataker Vicki Keresztury

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
44	willow (L)	37	0.5			
45	sycamore	53	0.7			
46	willow (L)	35	0.6			
47	sycamore	43	0.6			
48	willow (H)	50	0.4			
49	valley oak	32	0.4			
50	willow (L)	34	0.4			
51	willow (H)	30	0.4			
52	sycamore	34	0.7			
53	willow (H)	40	0.65			
54	sycamore	53	0.9			
55	willow (L)	37	0.4			
56	willow (H)	44	0.7			
57	valley oak	16	0.2			
58	willow (L)	34	0.5			
59	willow (L)	40	0.45			
60	willow (L)	32	0.6			
61	willow (L)	43	0.5			
62	willow (L)	38	0.6			
63	sycamore	53	0.7			
64	sycamore	39	0.7			
65	willow (H)	40	0.5			
66	willow (H)	13	0.2			

Site no. 1 Date 5/1/91
Datataker Vicki Keresztury

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
67	sycamore	51	0.7			
68	sycamore	40	0.7			
69	sycamore	56	0.8			
70	willow (H)	38	0.4			
71	sycamore	41	1.0			
72	willow (H)	32	0.3			
73	sycamore	48	1.0			
74	sycamore	40	0.75			
75	Baccharis	21	0.3	X		
76	willow (H)	38	0.15			
77	sycamore	dead	dead	X		
78	sycamore	45	0.55	X		
79	sycamore	41	0.6	X		
80	willow (H)	dead	dead			
81	willow (L)	33	0.45			
82	willow (L)	31	0.4			
83	willow (L)	26	0.5			
84	sycamore	58	0.7			
85	willow (H)	44	0.5			
86	sycamore	40	0.5			
87	willow (L)	27	0.45			
88	willow (H)	29	0.4			
89	sycamore	8	0.1			

Site no. 1 Date 5/1/91
Datataker Vicki Keresztury

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
90	sycamore	8	0.2			
91	willow (H)	38	1.0			
92	sycamore	35	0.4		X	2
93	sycamore	44	0.9			
94	sycamore	37	0.9			
95	sycamore	21	0.3		X	4.5
96	sycamore	65	1.0			
97	willow (L)	24	0.55			
98	sycamore	66	0.7			
99	sycamore	73	1.0			
100	valley oak	10	0.3		X	4.5 / 4.5

Site no. 2 Date 5/1/91
Datataker Vicki Keresztury

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
1	sycamore	6	0.1			
2	sycamore	17	0.4			
3	sycamore	30	0.4			
4	cottonwood	19	0.25			
5	sycamore	16	0.4			
6	cottonwood	dead	dead			
7	sycamore	45	0.45			
8	sycamore	5	0.1			
9	sycamore	17	0.1			
10	sycamore	18	0.2			
11	sycamore	40	0.6			
12	sycamore	57	0.7			
13	sycamore	7	0.1			
14	sycamore	70	0.8			
15	sycamore	3	0.1			
16	sycamore	47	1.0			
17	sycamore	60	0.7			
18	sycamore	11	0.1			
19	sycamore	10	0.1			
20	sycamore	55	0.8			
21	sycamore	2	0.1			
22	sycamore	1.5	0.1			
23	sycamore	70	0.75			

Site no. 2 Date 5/1/91
Datataker Vicki Keresztury

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
24	sycamore	50	0.75			
25	sycamore	29	0.5			
26	sycamore	41	0.8			
27	sycamore	38	0.8			
28	sycamore	50	0.7			
29	sycamore	3	0.1			
30	cottonwood	2	0.2			
31	cottonwood	17	0.1			
32	cottonwood	9	0.15			
33	sycamore	72	1.0			
34	sycamore	60	0.8			
35	willow (L)	41	0.55			
36	willow (L)	36	0.6			
37	willow (L)	36	0.6			
38	willow (L)	26	0.75			
39	sycamore	53	0.7			

Site no. 3 Date 5/1/91
Datataker Vicki Keresztury

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
1	sycamore	1	0.5	X	X	4.5
2	sycamore	59	1.2	X		
3	sycamore	60	1.15	X		
4	sycamore	62	1.1	X	X	3.5
5	sycamore	56	0.9	X	X	4.5
6	sycamore	66	0.65			
7	sycamore	64	0.7			
8	sycamore	50	0.7		X	4.5
9	sycamore	71	1.0			
10	sycamore	54	0.55			
11	sycamore	39	0.4	X	X	0
12	sycamore	21	0.8	X	X	5.5

Site no. 4 Date 5/1/91
Datataker Vicki Keresztury

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
1	sycamore	53	0.7		X	4.5
2	sycamore	74	0.8		X	5.0
3	sycamore	55	0.6			
4	sycamore	69	1.2			
5	sycamore	20	0.4			
6	sycamore	36	0.7			
7	sycamore	17	0.4			
8	sycamore	15	0.7			
9	sycamore	64	0.9			
10	sycamore	69	0.9			
11	valley oak	28	0.25			
12	valley oak	25	0.2			
13	valley oak	20	0.3			
14	valley oak	9	0.1			
15	valley oak	18	0.1			
16	sycamore	62	1.0			
17	sycamore	60	0.8			
18	sycamore	54	0.7		X	2
19	sycamore	13	0.1		X	7.5
20	sycamore	49	0.7		X	3.5
21	valley oak	10	0.15		X	2.5
22	valley oak	8	0.2			
23	valley oak	31	0.4			

Site no. 4 Date 5/1/91
Datataker Vicki Keresztury

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
24	sycamore	12	0.3			
25	scrub oak	3	0.1			
26	valley oak	13	0.2			
27A	valley oak	9	0.1			
27B	sycamore	14	0.2			
28	sycamore	56	0.7			
29	sycamore	6	0.1			
30	sycamore	56	0.8			
31	sycamore	63	1.0			
32	sycamore	55	0.7			
33	sycamore	50	0.6			
34	cottonwood	21	0.1			
35	cottonwood	10	0.1			
36	sycamore	53	0.7		X	4.5
37	sycamore	3	0.1		X	4.5
38	sycamore	40	0.6		X	7.5
39	sycamore	52	0.6			
40	sycamore	65	0.7			
41	sycamore	35	0.4			
42	sycamore	dead	dead			
43	sycamore	26	0.4			
44	sycamore	47	0.75			
45	sycamore	25	0.4			

Site no. 4 Date 5/1/91
Datataker Vicki Keresztury

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
46	sycamore	34	0.75			
47	sycamore	68	1.0			
48	sycamore	61	1.1			
49	sycamore	90	1.1			
50	valley oak	36	0.3			
51	sycamore	63	0.8			
52	willow (H)	45	0.3			
53	cottonwood	dead	dead			
54	willow (H)	35	0.2			
55	cottonwood	21	0.2			
56	willow (L)	40	0.45			
57	willow (L)	43	0.5			
58	willow (H)	27	0.2			
59	willow (H)	43	0.4			
60	willow (L)	22	0.2			
61	willow (H)	36	0.4			
62	willow (H)	46	0.4			

Site no. 5 Date 5/1/91
Datataker Vicki Keresztury

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
1	willow (L)	24	0.1			
2	sycamore	102	1.10			
3	willow (H)	40	0.40			
4	willow (L)	24	0.4			
5	willow (L)	40	0.4			
6	cottonwood	17	0.2			
7	cottonwood	19	0.2			
8	willow (L)	47	0.2			
9	willow (L)	35	0.3			
10	cottonwood	39	0.1			
11	cottonwood	dead	dead			
12	willow (H)	40	0.2			
13	willow (L)	36	0.4			
14	willow (L)	44	0.5			
15	willow (H)	39	0.25			
16	cottonwood	22	0.2			
17	cottonwood	24	0.15			
18	sycamore	58	0.6			
19	sycamore	37	0.5			
20	sycamore	64	1.1			
21	sycamore	84	1.0			
22	sycamore	63	0.8			
23	sycamore	60	0.6			

Site no. 5 Date 5/1/91
Datataker Vicki Keresztury

Tree Number	Tree Species	Height (in.)	Diameter at base (in.)	Control	DriWater	Depth to Dri-Water (in.)
24	sycamore	71	0.7			
25	sycamore	98	1.1			

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