

APPENDIX B

LOCATION AND SIZE CLASS FOR TAGGED PINE TREES

In 1988, 300 ponderosa pines (50 per transect) were marked with numbered aluminum tags. Size class was recorded for each:

- A - less than or equal to knee height
- B - greater than knee height and less than or equal to full reach (arm above head)
- C - greater than full reach

Distribution of trees among size classes was as follows. (P1-P6 are transect numbers):

Size Class	P1	P2	P3	P4	P5	P6	Total
A	14	18	2	15	25	33	107 (36%)
B	31	32	39	31	25	13	171 (57%)
C	5	--	9	3	--	4	21 (7%)

The data sheets included in this appendix indicate the location and size class of the 300 tagged pines. The following information is provided for each tagged tree:

- tree # (1-300)
- meters along baseline
- number of steps from baseline
- direction from baseline (Left or Right, facing towards end of baseline)
- "variance" in direction required to locate nearest tree (Left, Right, Forward or Backward, facing away from baseline)
- size class (A, B, or C)

8F → 59

I	tree #	(baseline) M	steps from baseline	left or right from baseline	size class
	1	1	0	R	B
	2	2	3	R	B
F	3	3	9	L	A
	4	4	3	L	A
F	5	5	3	L	B
F	6	4	2	L	B
LF	7	7	4	R	B
LF	8	8	8	R	B
L	9	9	1	R	B
R	10	10	5	L	C
L	11	11	7	L	B
L	12	12	2	L	A
L	13	13	0	R	B
LB	14	14	9	R	B
R	15	15	1	L	C
B	16	16	4	L	A
	17	17	6	R	B
BR	18	18	9	R	B
	19	19	3	L	A
L	20	20	2	L	B
R	21	21	3	R	C
B	22	22	9	L	B
R	23	23	1	L	B
R	24	24	5	L	B
R	25	25	3	L	B

L R F B When seeing
direction of steps

Transect #

P1

Aug 6, 1988

A	14
B	31
C	5

total



Variance
in direction
(to nearest tree)

Transcript

18 / 1.14.

Right

A <= knee ht
 B <= full reach
 C > full reach

tree # @meter ~~feet~~/steps Left/Right ^{Vertical} direction Size Class

I	50	50	9	R		A
	49	49	7	L	(F)	B
	48	48	8	L	(B)	B
	47	47	7	R		A
	46	46	6	L	(B)	A
	45	45	0	R		B
	44	44	0	R		B
	43	43	0	R		C
	42	42	1	R	(F)	B
	41	41	4	L		B
	40	40	5	R	(F+L)	A
	39	39	8	L	(F)	B
	38	38	3	R	(B)	B
	37	37	5	L		B
	36	36	1	L	(F)	C
	35	35	1	L	(B)	B
	34	34	0	L	(L)	B
	33	33	4	R		A
	32	32	4	R		A
	31	31	0	R		B
	30	30	2	R		B
	29	29	6	R	(L)	A
	28	28	6	R	(R+B)	A
	27	27	8	R		B
	26	26	6	R	(F)	A

P1 continued

Transect

44° MN

Start to Finish
Looking across start
Finish to Start
Variance in Direction

Note top of tower above ridge top

A < = Knee in
B < = Full reach
C > Full reach

tree # @ meter steps Left/Right Size Class

Transect	tree #	@ meter	steps	Left/Right	Variance in Direction	Size Class
II	51	1	9	R	(B)	A
	52	2	5	L	(R)	A
	53	3	2	L		A
	54	4	9	R	(L)	A
	55	5	0	L	(F)	A
	56	6	4	R	(F)	B
	57	7	6	R	(L)	B
	58	8	2	R	(B)	B
	59	9	3	R		A
	60	10	6	L	(R)	A
	61	11	9	R	(F+L)	A
	62	12	6	L		A
	63	13	6	R	(B)	B
	64	14	8	R	(R)	A
	65	15	5	R		B
	66	16	3	L		A
	67	17	6	L		A
	68	18	5	R		A
	69	19	9	L	(B)	A
	70	20	2	L		B
	71	21	5	R		A
	72	22	0	L		B
	73	23	8	R		A
	74	24	2	R		B
	75	25	2	R		A

Transect #
P2
Aug 6, 1988

A	18
B	32
C	-
totals	

Transect	Tree #	@ meter	steps	L/R	Variance in Direction	Size Class
II	76	26	3	R		B
	77	27	2	L		B
	78	28	4	R		B
	79	29	8	R		A
	80	30	0	R		B
	81	31	4	R	(B)	B
	82	32	9	R	(B+R)	B
	83	33	6	L	(B)	B
	84	34	2	R	(B)	B
	85	35	6	R	(B)	B
	86	36	5	R	(B)	B
	87	37	3	L	(B+R)	B
	88	38	2	L		B
	89	39	7	R	(B+L)	B
	90	40	0	L		B
	91	41	5	R		B
	92	42	9	L	F	B
	93	43	9	L	(L)	B
	94	44	5	L	(F)	B
	95	45	7	L	(B)	B
	96	46	0	L		B
	97	47	6	R		B
	98	48	2	R		B
	99	49	8	R		B
	100	50	3	R		B

A <= knee
 B <= full knee
 C > full knee

P2 continue

13 M.N

12 Start to Finish

14 Looking across start NE gate + fence visible in dist

15 Finish to Start

Transect	Tree #	diameter	steps	Left/Right	Vertical Position	Tree Class
III	101	1	1	R	L	C
	102	2	3	L	L	B
Transect #	103	3	7	L	L	B
	104	4	2	L	R	B
P3	105	5	8	R	R.B	C
Aug 7, 1988	106	6	3	R	R	B
	107	7	5	L		B
	108	8	2	L	L	C
	109	9	0	R	LF	A
	110	10	1	L		C
	111	11	1	R	B.R	B
	112	12	2	L	B	B
	113	13	6	R	FL	B
	114	14	5	R	FL	B
	115	15	6	L		B
	116	16	9	R	FL	B
	117	17	1	L	FL	B
	118	18	4	L	FR	B
	119	19	2	R	FR	B
	120	20	0	R	R	C
	121	21	3	R	R+(B)	B
	122	22	1	L	F	B
	123	23	6	L	LF	A
	124	24	4	R	RB	B
	125	25	3	R	LB	B
	126	26	2	L	R+(B)	B
	127	27	1	R	(B)	B
	128	28	1	L	BR	C
	129	29	7	L	R	B-
	130	30	3	L	L	B

A 2

B 39

C 9

totals

Transect	Tree #	iameter	steps	Left/Right	Variance in Direction	Size Cls.
II	131	31	7	L	R	B
	132	32	9	L	R	B
	133	33	9	L	B	B
	134	34	1	L	R=	B
	135	35	6	L	I	C
	136	36	2	R	LE	B
	137	37	6	R	B	B
	138	38	5	R	B	C
	139	39	2	L	R	B
	140	40	2	L	F	B
	141	41	2	R	FL	E
	142	42	4	R	L	B
	143	43	2	R	RB	B
	144	44	3	R	F	B
	145	45	9	L	R	B
	146	46	2	L		B
	147	47	0	R	R	B
	148	48	1	R	R	B
	149	49	9	L	F	C
	150	50	7	L	LE	B

P3
continued

325°MN

Picture #10 Start to Finish

19 Mid point to Finish, note fence line + fence variation in distance.

20 Finish to Start

Transect	Tree #	@meter	steps	L/R	Variance in Direction	Size Class
IV	151	1	7	R		A
	152	2	5	L		A
	153	3	9	L		A
	154	4	8	L		A
	155	5	2	R		A
	156	6	7	R		B
	157	7	4	L	L	A
	158	8	9	R	R	B
	159	9	0	L		B
	160	10	3	R	B	B
	161	11	8	L		A
	162	12	3	R		B
	163	13	0	L		A
	164	14	4	R	B	B
	165	15	9	R	R	B
	166	16	8	L	B	A
	167	17	9	R	L	B
	168	18	3	L	R	A
	169	19	5	L	R	B
	170	20	5	L		A
	171	21	0	L		B
	172	22	5	R	L	B
	173	23	9	L		B
	174	24	5	L		A
	175	25	7	L	B+R	B
	176	26	8	L	R	A
	177	27	3	R		B
	178	28	3	L		B
	179	29	5	L	B	A
	180	30	8	L	F	B

Aug 7, 1988
Transect #
p4

A	15
B	31
C	3
(no class: 1)	

Totals

<u>Transect</u>	<u>Tree #</u>	<u>@ meter</u>	<u>steps</u>	<u>L/R</u>	<u>Variance in Direction</u>	<u>Size Class</u>
<u>IV</u>	181	31	8	R		C
	182	32	5	R		B
	183	33	8	L	F+R	B
	184	34	1	R	R	
	185	35	9	L	F	B
	186	36	1	L		B
	187	37	7	L	R	B
	188	38	2	L		C
	189	39	3	R	L	B
	190	40	3	L		B
	191	41	2	L		B
	192	42	4	R	L	B
	193	43	9	L		B
	194	44	4	L		B
	195	45	9	R		B
	196	46	8	L	L	C
	197	47	5	R		A
	198	48	3	L		C
	199	49	7	L		B
	200	50	5	L		B

P4
continued