

Exam No 1

Oct 11/78
Hormay

1978 Bitterbrush } Seedlings
 } Reproduction

Blacks Mt Enclosure Site

Enclosure plot

Eagle Lake District
Lassen N.F.

Date Nov 1 1978

Examiners ALH, Collin Aiken

This series starts with No 400 & marked with X

Cache No	Distance		Number of plants			Broad Site	Markal-ity 2
	North Ft	Right Ins.	Total	Live	Dead		
<u>Strip 0</u>							
400	81.8	28	2	1	1	Pt Gr	CW
401	86.3	48	3	3	0	Pt ART Gr	
402	91.3	19	7	5	2	Pt Gr	CW
403	91.8	9	1	1	0	Pt Gr	
<u>Strip 0A</u>							
404	15.6	37	8	7	1	Pt Gr	CW
<u>Strip 1</u>							
405	62.2	68	6	4	2	ART Gr Pt	CW
<u>Strip 1A</u>							
No plants							
<u>Strip 2</u>							
No plants							
<u>Strip 2A</u>							
406	83.0	66	7	6	1	ART Pt Gr	CW
<u>Strip 3</u>							
407	37.8	65	14	4	10	Pt Gr Pn	CW
<u>Strip 3A</u>							
408	66.8	12	6	1	5	Pt Gr ART	CW
<u>Strip 4</u>							
409	85.2	33	16	14	2	Pt Gr	
<u>Strip 4A</u>							
410	0.6	3	1	1	0	Pt Gr	
<u>Strip 5</u>							
411	33.5	67	4	2	2	Pt Gr	
412	70.4	22	6	6	0	ART Gr	

↓ P = pine Pn = pine needles Gr = grass Pt = bitterbrush, ART = Big sagebrush
 2 CHR = Rabbitbrush R = rock
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 Redout = R

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Eagle Lake District
Lassen N.F.

Date Nov 1 1978

Examiners ALH Collin Aiken

Cache No	Distance		Number of plants			Broad Site			Mortality %
	North Ft	Right Ins.	Total Live	Dead	in cache	Pine	Shrub	Grass (open)	
Strip 5 cont'd									
413	76.3	19	17	13	4				
Strip 5A									
NO PLANTS									
STRIP 6									
414	16.5	60	6	4	2				
415	72.5	42	5	5	0				
416	73.4	45	6	3	3				
417	76.1	15	8	5	3				
418	78.0	10	7	6	1				

Records on Strip 6 - Through Strip 6A
by Collin Aiken. Strip 6A record on Nov 2/78
but

Records on Nov 2 started with Strip 12 and
continued through Strip 17A then records made on
Strip 6A through

STRIP 6A									
507	53.5	5	7	0	7				
508	91.9	37	7	4	3				
509	97.9	54	9	8	1				

STRIP 7

NO PLANTS

STRIP 7A									
510	44.4	26	4	4	0				
511	51.1	80	3	3	0				
512	52.2	56	11	5	6				
513	94.7	54	12	0	12				

STRIP 8									
514	60.0	1	4	4	0				

Hormay Nov 3

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Oct 11/78
Hormay

1978 Bitterbrush Reproduction
Blacks Mt Enclosure Site

Enclosure plot

Eagle Lake District
Lassen N.F. Date Nov 3 1978 End record for 1978 12 need
Examiners AHT

Cache No	Distance		Number of plants			Brand Site			Mortality
	North Ft	Right Sns.	Total	Live	Dead	Pine	Shrub	Grass (open)	

Local competition & influence

Strip 8A
No plants

515	37.0	only 0	14						CW
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516	74.5	only 72	11						CW
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Strip 10
No plants Line bored around right side big pine tree

517	83.4	6	12	9	3				CW
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518	94.5	72	5	4	1				CW
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519	96.5	72	8	0	8	Pn bud			CW
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520	78.5	35	7	4	3				CW
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521	79.0	31	1	1	0			Not a cache	
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522	77.1	OK 41	6	4	2				CW
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523	96.7	5	7	6	1				CW
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524	95.6	62	8	6	2				CW
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525	33.0	47	9	8	1				CW
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Strip 12
← Last plant 1978 cache this plant on strip 12

419	4.1	18	15	15	0				
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420	63.8	7	17	15	2				
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421	64.2	11	21	18	3				
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422	73.8	8	1	1	0				
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423	94.6	63	6	6	0				
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Strip 12A

424	41.5	66	5	5	0				
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425	63.3	41	8	5	3				
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426	67.0	26	18	16	2				
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426	67.5	Plant 2 ok 9	9	1	0			Not a cache	
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Eagle Lake District
Lassen N.F.

Date NOV. 2, 1978
Examiners COLIN AIKEN

Cache No	Distance		Number of plants			Broad Site			Mortality %
	North Ft	Right Ins.	Total	in cactus	Live	Dead	Pine	Shrub	
Strip 12 A CONT.									
427	74.8	38	6	6	0				
428	75.0	32	2	2	0				
429	80.3	46	4	4	0				
430	90.6	8	4	4	0				
431	91.4	34	4	4	0				
432	91.6	58	2	2	0				
433	97.4	37	6	6	0				
STRIP 13									
434	8.6	54	3	2	1				
435	35.5	7	5	4	1				
436	59.2	5	2	2	0				
437	73.0	33	8	8	0				
438	80.1	21	4	4	0				
STRIP 13A									
439	0.3	54	22	21	1				
440	5.9	68	5	4	1				
441	7.6	61	1	1	0				
442	11.8	36	10	7	3				
443	12.5	55	15	14	1				
444	14.5	72	18	18	0				
445	15.3	53	2	1	1				
446	61.4	70	1	1	0				
447	79.5	15	7	6	1				
448	84.3	37	8	8	0				
449	88.7	73	15	11	4				
450	94.1	38	19	13	6				
451	96.1	70	16	16	0				

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Blacks Mt Enclosure Site

Enclosure plot

Eagle Lake District
Lassen N.F.

Date NOV. 2, 1978
Examiners COLIN AIKEN

Cache No	Distance		Number of plants			Ground Site			Marked-ity 2
	North Ft	Right Ins.	Total	in cache Live	Dead	Pine local competition & influence	Shrub	Grass (open)	
<u>STRIP 14</u>									
452	1.0	25	9	7	2				
453	2.0	26	8	6	2				
454	7.7	65	1	1	0				
455	68.3	30	8	8	0				
456	67.8	57	11	11	0				
<u>STRIP 14A</u>									
457	11.3	43	9	4	5				
458	15.4	5	9	9	0				
<u>STRIP 15</u>									
459	49.9	62	28	28	0				
460	53.9	14	10	9	1				
461	55.2	43	12	12	0				
462	57.0	59	6	6	0				
463	61.3	20	4	3	1				
464	62.7	62	4	3	1				
465	65.0	47	2	2	0				
466	65.0	67	1	1	0				
467	75.6	47	1	1	0				
468	75.9	47	1	1	0				
<u>STRIP 15A</u>									
469	9.5	36	8	4	4				
470	11.5	1	1	1	0				
471	12.4	3	8	6	2				
472	72.3	58	5	5	0				
473	84.8	68	1	0	1				
474	85.7	54	9	7	2				

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Enclosure plot

Edge Lake District Lassen N.F.		Date		Examiners						
Cache No	Distance		Number of plants			Broad Site			Mortality Cause	
	North	Right	in cache		Pine	Shrub	Grass (open)	ity		
	Ft	Inch.	Total	Live	Dead	Local competition & influence				
<u>Strip 16</u>										
475	40.5	37	5	5	0					
476	43.8	73	8	8	0					
<u>Strip 16A</u>										
477	19.2	65	11	8	3					
478	48.7	26	5	5	0					
479	55.3	68	10	5	5					
480	55.6	2	18	17	1					
481	65.3	44	3	3	0					
482	65.5	52	3	2	1					
483	65.9	58	14	13	1					
484	66.7	68	8	7	1					
485	83.8	3	9	9	0					
<u>Strip 17</u>										
486	4.9	39	5	5	0					
487	25.2	41	3	3	0					
488	37.3	62	11	10	1					
489	47.4	63	15	15	0					
490	47.9	64	14	12	2					
491	51.1	9	12	11	1					
492	62.5	2	21	20	1					
493	65.1	66	6	6	0					
494	65.7	67	11	11	0					
495	73.4	10	10	8	2					
496	74.0	39	2	2	0					
497	74.4	21	12	9	3					
498	75.7	24	33	31	2					
499	15.8	23	25	22	3					

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Lassen N.F.

Date NOV. 2, 1978
Examiners COLIN AIKEN

Cache No	Distance		Number of plants			Broad Site			Marked-ity 2
	North Ft	Right Ins.	Total	in cache	Live	Dead	Pine	Shrub	
Strip 17 (CONT.)									
500	3.3	10	5	1	4				
STRIP 17A ← Last strip									
501	18.8	52	2	2	0				
502	19.0	56	1	1	0				
503	45.4	1	3	2	1				
504	45.7	66	4	2	2				
505	60.6	16	2	1	1				
506	67.0	70	13	9	4				

Note 506 is last plant This on strip 17A

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→ to 1986 Oct 11/78
"Hormay"

2yr old and older unstaked plants

~~1978~~ Bitterbrush Reproduction

Black Mt Enclosure Site

Enclosure plot

Edge Lake District
Lassen N.F.

Date Nov 1 1978

Examiners ALH Collin Aiken

This series starts with No 800 and marked with X

Cache No	Distance		Number of plants		Brand Site			Marked-ity 2
	North Ft	Right Ins.	Total	in cache	Pine	Shrub	Grass (open)	
					Local competition & influence			
					Strip 0			
700	7.9	10					Pt Gr	
					Strip 0 A			
701	74.8	67					Pt Gr	
					Strip 1			
702	56.5	14					ARt Gr	
					Strip 1 A			
703	44.7	63					ARt Gr, Pn	
					Strip 2			
704	84.0	60					ARt Gr	
					Strip 2 A			
					No plants			
					Strip 3			
705	37.6	61					Pt Gr Pn	
					Strip 3 A			
					No plants			
					Strip 4			
					No plants			

No more plants measured this year
Concentrated remainder of time in g

Note chode this out in the field

June 9/81

This the only record and tabulation

† P = pine Pn = pine needles Gr = grass Pt = bitterbrush, ARt = Big sagebrush
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 Redout = R