

RR 301

Modoc

Potter Pasture

1/4 mi - protected

Date - Oct. 13, 1938

Examiner - ALH

Recorder - URB

Tree & Seedling Record

Strip No.	Seedling No.	Species	Growth of Terminal	Height (in)	Dominance	Vigor	No of parts on tree	No of parts grazed	Part of parts	Plants surrounding seedling	Influenced by	Remarks
2	1 PP 315	S			P31	16	N30 T20	N	T	Apparently killed by porcupine damage, but has sprouted from basal branches.	above 5"	#2 also dead above old porcupine damage
3	2 PP 120	S			P6	1	N10	N	N			
3	3 PP 2627	S			D11	4	N40 T50 T70	N	N	Stunted, misshapen tree		
3	4 PP 934	In			M18	11	N30 T30 T5	N	T	Apparently suffering from grazing		
3	5 PP 3137	D			M31	22	N35 T50 T5	N	T	Parcupine damage 6" above ground	3/4 girdled	
3	6 PP 122	S			P16	4	N40 T10 T5	N	T	Apparently vigorous		
3	7	do					Ungrazed			Stunted by grazing		
4	8 PP 226	S			P21	8	N30 T60 T20	N	T	Very "		
4	9 PP 113	S			P5	3	N20 T80	N	T	Brushy		
5	10 PP 424	S			P28	9	N70 T25	N	T			

RR 301
 Modoc
 Potter Pasture
 1/4 mi. Grazed

Date. - Oct 13, 1938
 Examiner - ALH
 Recorder - JRB

Tree & Seedling Record

Strip No.	Seedling No.	Species	Branches of Terminal	HT (in)	Diameter	Vigor	No. of parts on tree	No. of parts grazed	% of 1. "	Part of parts	Plants surrounding seedling	Influenced by	Remarks
1	1							Not found					
1	2	YP 128	S	P 41	16	T 20	180	180	100	2/10			Very stunted then grazing by cattle or deer
	3							Not found					
2	4	YP 500						1934 record.			Still under tree, alive, ungrazed.		
3	5	YP 217	S	P 22	10	T 20	150	150	100	1/10			Fallen snag, stem scorched apparently by cattle trampling.
3	6	YP 320	S	P 9	5	T 20	150	150	100	1/10			
4	7							Not found					

RR 301

Modoc

Potter Pasture

RWP
10/13/38

		Season of grazing	Utility of species									
			G	PT	PS	S						
1/4 mi. grazed	On plot	M	40	65								
	Outside	M	60	70	30	65						
1/4 mi. prot.	On plot	H	60	90								
	Outside	H	55	85	35							

RR
Pine Ranges
Modoc

RWB JES
12/21/38

Effect of cattle grazing on pine
reproduction.
Porter Pasture - Grazed plots 1/4-mi from water
Modoc National Forest
1934-38

Record of established reproduction	No.	%
Reproduction alive 1934	14	100
Reproduction alive 1938	12	
Reproduction killed by cattle ↓	2	
Av. height of reproduction		Inches
1934		19.3
1938		23.6

↓ Both dead reproduction were listed as
injured by cattle in 1934 and were
not found in 1938.

R.R.
Pine Range
Potter Pasture

RUS
12/2/38

Effect of Cattle Grazing on Ponderosa Pine Reproduction

Potter Pasture

1938

Boch plots

1/4 mi. S. of Well #2

Tree No.	Height of Tree	No. parts on tree	Parts damaged		% taken of parts grazed			Percent foliage grazed	
			No.	% of total	Needles	Twigs	Leaders		
7g									
9p	13	5	3	60	60		50	36	Very stunted by grazing.
6p	22	16	4	25	40	10	5	10.	Porcupine damage 6" above ground
2g									Not found
3p	27	11	4	36	40	50	70	14	Stunted, misshapen
5g	17	22	10	45	50	30	40	23	Very stunted from grazing by cattle or deer
6g	20	9	5	56	70	50	70	39	Stem scarred, apparently by cattle trampling
10p	24	28	9	32	70	25		22	Brushy
8p	26	21	8	38	30	60	20	14	Stunted by grazing
2g	28	41	16	39	60	20	80	23	Very stunted from grazing by cattle or deer
5p	37	31	22	71	50	30	5	36	Not found
4p	34	18	11	61	30	30	5	18	Apparently suffering from grazing
2p	20	6	1	17	10			2	Killed above old porcupine damage
1p	15	31	16	52	30	20		16	Killed above 6" by porcupine
Total		239	109	45.6				25.1	
Average		19.9	9.1	3.6				20.9	