Allotment	**Pine Creek**	Pasture	**Little North Creek**				
Date	12/9/2010	Study	**PC-LNC-01**				
		Ungrazed	Grazed	% Use		Ungrazed	Grazed	% Use
	1		1.5	65%	**31**	16.5		0%
	2		6.0	17%	**32**	11.0		0%
	3	23.0		0%	**33**		2.0	56%
	4	18.0		0%	**34**		3.0	42%
	5	11.0		0%	**35**	11.0		0%
	6		2.0	56%	**36**		3.0	42%
	7		1.0	80%	**37**		4.0	31%
	8	17.0		0%	**38**	22.0		0%
	9		2.5	49%	**39**	13.0		0%
	10	16.5		0%	**40**		5.0	24%
	11		4.0	31%	**41**			
	12		4.0	31%	**42**			
	13		2.5	49%	**43**			
	14		2.0	56%	**44**			
	15		3.5	37%	**45**			
	16	9.5		0%	**46**			
	17	12.5		0%	**47**			
	18		4.0	31%	**48**			
	19		3.0	42%	**49**			
	20	12.0		0%	**50**			
	21	9.0		0%	**51**			
	22		2.0	56%	**52**			
	23	13.5		0%	**53**			
	24	11.0		0%	**54**			
	25	17.0		0%	**55**			
	26		3.0	42%	**56**			
	27	15.0		0%	**57**			
	28		4.0	31%	**58**			
	29	15.0		0%	**59**			
	30	15.0		0%	**60**			
	SUM					288.5	62.0	868%
	Average					14.4	3.1	**22%**
	Std Dev					3.836374	1.231174	0.24406

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Height-Weight

Study Number	Date	Examiner
PC-LNC-01 UTM 363730 4265493	12/9/10	R. Swenson

Allotment Name & Number	Pasture
Pine Creek	Little N. Creek
Kind and/or Class of Animal	**Period of Use**
Cattle	8/15-9/30

Key Species Pose

Culm ____ Culmless ____

No	Height Ungra	Height Graze	% Utilization	No	Height Ungra	Height Graze	% Utilization	No	Height Ungra	Height Graze	% Utilization	No	Height Ungra	Height Graze	% Utilization
1		1.5	65	16	9.5		0	31	16.5		0	46			
2		6	17	17	12.5		0	32	11		0	47			
3	23		0	18		4	31	33		2	56	48			
4	18		0	19		3	42	34		3	42	49			
5	11		0	20	12		0	35	11		0	50			
6		2	56	21	9		0	36		3	42	51			
7		1	80	22		2	56	37		4	31	52			
8	17		0	23	13.5		0	38	22		0	53			
9		2.5	49	24	11		0	39	13		0	54			
10	16.5		0	25	17		0	40		5	24	55			
11		4	31	26		3	42	41				56			
12		4	31	27	15		0	42				57			
13		2.5	49	28		4	31	43				58			
14		2	56	29	15		0	44				59			
15		3.5	37	30	15		0	45				60			

Number of Ungraz. Plants	Total Height of Ungraz. Plants	Number of Sampled Plants	Total % Util. for All Sampled Plants
31			

Total Height of Ungrazed Plants / Number of Ungrazed Plants = Average Ungrazed Plant Height: 288.5 / 20 = 14.4

Total Percent Utilization / Number of Sampled Plants = Average Utilization: 868 / 40 = 22%

Notes (use other side or another page, if necessary)

Illustration 12

Page ____ of ____

Height-Weight

Study Number	Date	Examiner
PC-PC-02 UTM 361395 4259237	8/9/10	R. Swenson

Allotment Name & Number	Pasture
Pine Creek	Pine Creek

Kind and/or Class of Animal	Period of Use
Cattle	

Key Species Acer Culm ____ Culmless ____

No	Height Ungra	Height Graze	% Utilization	No	Height Ungra	Height Graze	% Utilization	No	Height Ungra	Height Graze	% Utilization	No	Height Ungra	Height Graze	% Utilization
1		2.5	68	16		3	64	31		2	74	46		4.5	53
2	23		0	17		2.5	68	32		2.5	68	47		3	64
3	19.5		0	18		2	74	33		2	74	48	23		0
4		2.5	68	19	24.5		0	34		2.5	68	49		5	50
5		2.5	68	20		5.5	45	35		4.5	53	50		5	50
6	23		0	21		3	64	36	19.5		0	51		6	42
7	18.5		0	22		3.5	59	37		3	64	52		6	42
8		2	74	23	19		0	38		5	50	53		5.5	45
9		3.5	59	24		5.5	45	39		3.5	59	54		3	64
10	21		0	25		2.5	68	40		3.5	59	55	20.5		0
11		2.5	68	26	26		0	41		2.5	68	56		5.5	45
12		3.5	59	27		3	64	42		3	64	57		3	64
13		3.5	59	28	16.5		0	43	17		0	58		3.5	59
14		6	42	29		5.5	45	44		4.5	53	59		4	56
15		5.5	45	30		3	64	45		5	50	60		4	56

Number of Ungraz. Plants		Total Height of Ungraz. Plants		Number of Sampled Plants		Total % Util. for All Sampled Plants	

Total Height of Ungrazed Plants / Number of Ungrazed Plants = Average Ungrazed Plant Height: 271 / 13 = 20.8

Total Percent Utilization / Number of Sampled Plants = Average Utilization: 2764 / 60 = 46%

Notes (use other side or another page, if necessary)

Illustration 12