

Rocky Meadow Plot #6 - 2006	last updated 6/26/07 dwi					
	4/28/2006	4/30/06	5/2/06	5/4/06	5/6/06	5/8/2006
<i>Claytonia lanceolata</i>		1	32	105	218	429
<i>Carex geyeri</i>	snow gone	1	26	80	172	269
	male					
	female					
	both					
<i>Mertensia fusiformis</i>						
<i>Delphinium nuttalianum</i>						
<i>Taraxacum officinale</i>						
<i>Antennaria pulcherrima</i>						
<i>Senecio integerrimus</i>						
<i>Erigeron flagellaris</i>						
<i>Eriogonum umbellatum</i>						
<i>Arenaria congesta</i>						
<i>Potentilla hippiana</i>						
<i>Sedum lanceolatum</i>						
<i>Poa pratensis</i>						
<i>Erigeron speciosus</i>						
<i>Heterotheca (Chrysopsis) villosa</i>						
<i>Koeleria macrantha</i> - no obvious awn, inconspicuous anthers, west side						
<i>Achnatherum (Stipa) lettermanii</i> - needlegrass (long awns)						
<i>Muhlenbergia montana</i> (a C4 grass) in SE corner						
<i>Polygonum aviculare</i>						
<i>Polygonum douglasii</i>						
Total Flowers	0	1	32	105	218	429
Total without grasses	0	1	32	105	218	429
# species flowering	0	1	1	1	1	1
Total without grasses	0	1	1	1	1	1

Notes: Krehe and Kathy Ritter did counts until 1 June; no winter gophers

This plot is located in the first meadow that Trail 401 crosses as you look east

permanent snow cover began about 12 November 2006, based on temperature and light data from Hobo Pendant

Total number of species flowering =	7	without grass
Maximum # of flowers on one day =	638	
Maximum # of species in flower =	7	
Maximum H' =	.	

Rocky Meadow plot #6 (only 3 corners marked with steel stake)

Point #	Plot name	Corner (corner)	Altitude (feet)	Altitude (meters)	Latitude
216	Rocky Meadow	Southwest	9735.003	2967.23	38.962005
217	Rocky Meadow	Northwest	9734.954	2967.21	38.962018
218	Rocky Meadow	Northeast	9736.682	2967.74	38.96203

5/10/2006	5/12/2006	5/14/2006	5/16/2006	5/18/2006	5/20/2006	5/22/2006	5/24/2006	5/26/2006
637	615	528	325	107	20	1		
356	359	330	242	96	19	1		
				1				
1	1	2	1					
			1	1	1			
			14	19	23	24	24	12
			4	4	4	4	4	4
								5
								4
								1
								1

638	616	530	341	128	44	25	24	18
638	616	530	341	128	44	25	24	18
2	2	2	3	3	3	2	1	3
2	2	2	3	3	3	2	1	3

er dump; about 3 Mahonia plants in plot; 3 Amelanchier plants, but not flowering; Patty Coffin did count

head north from the trailhead in Gothic. GPS coordinates below. See metadata file at [www.rmbl.org](http://www.rmbl.org) for

temperature and light data from Hobo Pendant data logger  
ant data logger = 13 April 2007

sses
7
638
7

s; one doesn't have enough soil to hold one).

Longitude
106.9869
106.98691
106.98689

5/28/2006 5/30/2006 6/1/2006 6/3/2006 6/5/2006 6/7/2006 6/9/2006 6/11/2006 6/13/2006

7	1							
2	1							
17	29	47	50	44	26	16	6	4
11	16	21	21	18	16	13	5	3
2				1				
1				1				
		4	5	11	9	8		
		2	2	3	5	4		
		2	5	17	21	21	22	18
		2	3	5	6	7	7	6
							2	3
							1	1
								2

26	30	53	60	73	56	45	30	27
26	30	53	60	73	56	45	30	27
3	2	3	3	4	3	3	3	4
3	2	3	3	4	3	3	3	4

s 6-10, 16 August; Elizabeth Ziegler did counts 14, 18-24 August and from 28 August to end

Inouye phenology project for additional details.

6/15/2006 6/17/2006 6/19/2006 6/21/2006 6/23/2006 6/25/2006 6/27/2006 6/29/2006 7/1/2006

	6/15/2006	6/17/2006	6/19/2006	6/21/2006	6/23/2006	6/25/2006	6/27/2006	6/29/2006	7/1/2006
1									
1									shedding seed
13	12	7	6	2					
8	7	5	4	2					
6	10	5	47	54	20	9	9	8	
2	2	4	15	17	9	4	4	6	
4	4	4	5	4	3				
			1	6	24	57	101	88	
			1	5	21	45	78	63	
					1		2	2	
					1		2	2	
						1	2	11	
						1	2	4	
									1
									1
									1

24	26	16	59	66	48	67	114	111
24	26	16	59	66	48	67	114	110
4	3	3	4	4	4	3	4	6
4	3	3	4	4	4	3	4	6





7/3/2006 7/5/2006 7/7/2006 7/9/2006 7/11/2006 7/13/2006 7/15/2006 7/17/2006 7/19/2006

6	7	3	1	1				
6	5	3	1	1				
82	189	219	65	67	129	53	65	30
67	126	110	56	54	73	47	51	27
2	1			1	1	2	5	
2	1			1	1	2	4	
25	5	12	5	4	X	6	5	
4	4	6	5	3			3	
					total of 2 stalks in plot			
				1				
4	6	6	6	6	5	3	3	
1	1	1	1	1	1	1	1	
	3	8	12	21	28	38	44	45
	3	3	3	8	10	11	11	10
							1	1
							1	1
								1
								1
119	211	248	89	101	163	102	123	77
119	211	248	89	100	163	102	122	75
5	6	5	5	7	5	5	6	4
5	6	5	5	7	5	5	6	4



7/21/2006 7/23/2006 7/25/2006 7/27/2006 7/29/2006 7/31/2006 8/2/2006 8/4/2006 8/6/2006

1 3 5 5 5 5  
 1 3 5 5 5 5

4	15	12	2	2	1	1		
4	12	12	2	2	1	1		string arour
2	1	2		2	1			
2	1	2		2	1			
	2	2	1					
	1	1	1					

43	29	25	22	12	9	9	11	20
10	8	6	7	7	5	4	4	4
3	3							
2	2							

total of 3 stalks in plot

2 4

total of 2, 5, 8 inflorescences in plot

1 3 4  
 1 2 3

1 1  
 1 1

52	50	41	26	20	19	19	19	30
49	47	41	26	19	16	15	17	26
4	5	4	4	4	5	4	4	4
4	5	4	4	4	5	4	4	4



8/8/2006 8/10/2006 8/12/2006 8/14/2006 8/16/2006 8/18/2006 8/20/2006 8/22/2006 8/24/2006

10	13	6	12	13	6	5	4	1
9	12	3	6	11	5	3	3	1

and plot was too large, didn't check it until 7/7, and Arenaria count was probably high by about 10 plants b

1  
1

1	1	1	1
1	1	1	1

22	27	10	7	13	7	10	13	17
5	5	5	4	5	4	3	3	6

4	2	2	4	3	2	2	1	1
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7	4	4	5	8	13	2	6	1
		2	3	2	2	2		1

2			4	5	1		4	
			4	4	1		2	

3				6	4		3	2
3				5	4		3	2

48	47	22	32	49	34	20	32	22
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37	41	16	23	38	19	16	25	20
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6	5	4	5	7	7	5	7	5
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6	5	4	5	7	7	5	7	5
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8/26/2006 8/28/2006 8/30/2006 9/1/2006 9/3/2006 9/5/2006 9/7/2006 9/9/2006 9/11/2006

before then

	3	8	9	5	5	3	3	3	3
	3	2	2	2	2	2	2	2	2
			1	2	1	2	1		
buds				1	1	1	1	1	
Length of flowering may have been overestimated in past week or so									
									1
									1
		3			2		1	1	1
		3			2		1	1	1
	3	11	10	8	9	6	6	5	5
	3	11	9	5	7	3	4	4	5
	1	2	2	3	4	3	3	3	3
	1	2	2	3	4	3	3	3	3





9/14/2006 9/16/2006 9/18/2006 9/20/2006

Length of flowering

23	<i>Claytonia lanceolata</i>
	<i>Carex geyeri</i>
9	
15	<i>Mertensia fusiformis</i>
21	<i>Delphinium nuttallianum</i>
11	<i>Taraxacum officinale</i>
9	<i>Antennaria pulcherrima</i>
23	<i>Senecio integerrimus</i>
31	29 <i>Erigeron flagellaris</i>
	<i>Eriogonum umbellatum</i>
13	
43	<i>Arenaria conjesta</i>
47	<i>Potentilla hippiana</i>
31	7 <i>Sedum lanceolatum</i>
	<i>Poa pratensis</i>
11	<i>Erigeron speciosus</i>
69	<i>Heterotheca (Chrysop</i>
	<i>Koeleria micrantha - n</i>
7	
2	35 <i>Achnatherum (Stipa) l</i>
43-?	<i>Muhlenbergia montana</i> in SE corner
39	<i>Polygonum aviculare</i>
35	<i>Polygonum douglasii</i>

0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0



maximum number of flowers  
 maximum number of stalks or plants

	637	flowers
		359 genets
	1	inflorescences
	2	inflorescences
	1	inflorescences
	24	flowers
		4 genets
n	50	flowers
		21 inflorescences
	2	capitulae
		1 genets
a	11	inflorescences
		5 patches
	22	capitulae
		8 inflorescences
	54	capitulae
		17 inflorescences
7		
	5	inflorescences
	219	flowers
		126 inflorescences
	5	flowers
		4 inflorescences
	25	flowers
		6 inflorescences
	1	inflorescences
	6	capitulae
		1 patches
sis) villosa	45	capitulae
		11 patches
o obvious a	3	inflorescences
		2 patches
lettermanii -	4	inflorescences
		1 patches
1 (a C4 gras	13	inflorescences
		3 patches
	5	flowers
		4 genets
	6	flowers
		5 genets