

Erythronium Meadow Plot #2 - 2006 last updated 6/23/08 dwi
 5/2/2006 5/4/2006 5/6/2006 5/8/2006 5/10/2006 5/12/2006
Claytonia lanceolata 12" snow 8" snow 25% bare 85% bare snow gone 2
 2

Erythronium grandiflorum

Noccea montana

Ranunculus inamoenus

Valeriana capitata

Taraxacum officinale

Bromelica (Melica) spectabilis

Delphinium barbeyi

Ligusticum porteri

Elymus (Agropyron) trachycaulus - slender wheatgrass

Pyrocoma (Haplopappus) crocea

Aconitum columbianum

Ceratochloa (Bromus) carinata

Total Flowers	0	0	0	0	0	2
Total without grasses	0	0	0	0	0	2
# species flowering	0	0	0	0	0	1
Total without grasses	0	0	0	0	0	1

Notes: Krehe and Kathy Ritter made counts until 1 June; 75 *Veratrum* ramets; n

This 2x2-m plot is located in the meadow between the East River and County R

permanent snow cover began about 12 November 2006, based on te
 snowmelt date based on temperature and light data from Hobo Pend

Total number of species flowering =	12	without gra
Maximum # of flowers on one day =	191	
Maximum # of species in flower =	5	
Maximum H' = .		

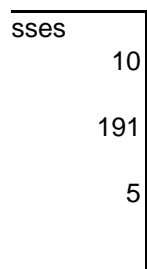
Erythronium Meadow plot #2

Point #	Plot name	Corner (con	Altitude (feet)	Altitude (meters)	Latitude	Longitude
169	<i>Erythronium</i>	Northwest	9399.016	2864.82	38.954527	106.9888
170	<i>Erythronium</i>	Southwest	9398.707	2864.73	38.954511	106.98879
171	<i>Erythronium</i>	Southeast	9398.15	2864.56	38.954518	106.98877
172	<i>Erythronium</i>	Northeast	9398.931	2864.79	38.954535	106.98878

5/14/2006	5/16/2006	5/18/2006	5/20/2006	5/22/2006	5/24/2006	5/26/2006	5/28/2006	5/30/2006
45	133	177	180	123	25	55	27	14
36	98	127	131	110	21	53	22	12
			11	29	38	20	11	
			10	20	23	13	8	
				3	13	25	30	30
				2	5	5	7	6
				1		2	4	
				1		1	3	
						9	14	25

45	133	177	191	156	76	111	86	69
45	133	177	191	156	76	111	86	69
1	1	1	2	4	3	5	5	3
1	1	1	2	4	3	5	5	3

o winter gopher dumps; Patty Coffin did counts 6-12, 16-20 August; Elizabeth Ziegler did counts 14, 22-
oad 317, about 100 m south of the RMBL south property line (and north of the East River bridge). GPS c
emperature and light data from Hobo Pendant data logger
ant data logger = 24 April 2007



6/1/2006	6/3/2006	6/5/2006	6/7/2006	6/9/2006	6/11/2006	6/13/2006	6/15/2006	6/17/2006
3								
3								
23	24	2	13	6	8	5	2	
7	5	1	4	2	2	1	1	
3	2		2	1	2	3		1
2	2		2	1	2	3		1
32	36	37	37	36	36	36	36	34
							1	
							1	

61	62	39	52	43	46	44	39	35
61	62	39	52	43	46	44	39	35
4	3	2	3	3	3	3	3	2
4	3	2	3	3	3	3	3	2

24 August and from 28 August to end

coordinates below. See metadata file at www.rnbl.org for Inouye phenology project for additional detail:

6/19/2006 6/21/2006 6/23/2006 6/25/2006 6/27/2006 6/29/2006 7/1/2006 7/3/2006 7/5/2006

1	1							
1	1							
34	29	11	3			1		
	4	11	12	14				
	total of 19 stalks in plot							
			6	16	20	26	23	18
			1	1	2	2	2	2
					3	5	5	6
35	34	22	21	30	24	31	28	24
35	30	11	9	16	24	31	28	24
2	3	2	3	2	3	2	2	2
2	2	1	2	2	3	2	2	2

7/7/2006 7/9/2006 7/11/2006 7/13/2006 7/15/2006 7/17/2006 7/19/2006 7/21/2006 7/23/2006

28	25	37	31	33	52	28	14	10	
5	3	5	4	6	9	4	4	1	
6	5	3	3	2	1				
	4+4 done		1	total of 49 inflorescences in plot					
			1	5	11	14	9	9	
			1	2	4	4	3	4	
					6	7	4	7	
					2	2	1	1	
						total of 2 inflorescence			
34	30	40	36	40	70	49	27	26	
34	30	40	35	40	70	49	27	26	
2	2	2	4	3	4	3	3	3	
2	2	2	3	3	4	3	3	3	

7/25/2006 7/27/2006 7/29/2006 7/31/2006 8/2/2006 8/4/2006 8/6/2006 8/8/2006 8/10/2006

Veratrum turning brown

some inflorescences frost-killed
no fruit set

3	1	
2	1	
4	1	1
1	1	1

s in plot - not flowering?

7	2	1	0	0	0	0	0	0
7	2	1	0	0	0	0	0	0
2	2	1	0	0	0	0	0	0
2	2	1	0	0	0	0	0	0

9/20/2006

Length of flowering		maximum number of fl	maximum r
21	<i>Claytonia lanceolata</i>	180	131
9	<i>Erythronium grandiflorum</i>	38	23
25	<i>Noccea montana</i>	30	7
31	<i>Ranunculus inamoenus</i>	4	3
	<i>Valeriana capitata</i>		
35		37	
2	<i>Taraxacum officinale</i>	1	1
7	<i>Bromelica (Melica) spectabilis</i>	14	
29	<i>Delphinium barbeyi</i>	52	9
	<i>Ligusticum porteri</i>		
19		6	
	<i>Elymus (Agropyron) trachycaulus - slender wheatgrass</i>		1
2+			
15	<i>Pyrrocoma (Haplopappus) crocea</i>	14	4
13	<i>Aconitum columbianum</i>	7	2
	<i>Ceratochloa (Bromus) carinata</i>		

0
0
0
0

owers
umber of stalks or plants
flowers
genets
flowers
genets
flowers
inflorescences
flowers
inflorescences

inflorescences
flowers
genets
inflorescences

flowers
inflorescences

inflorescences

inflorescences
capitulae
inflorescences
flowers
inflorescences