

Erythronium Meadow Plot #2 - 2005	last updated 6/11/08 dwi						snowing			
	5/21/05	5/22/05	5/24/05	5/26/05	5/28/05	5/30/05	6/1/05	6/3/05	6/5/05	6/7/05
<i>Claytonia lanceolata</i>	snow covered		17	50	123	78	74	37	95	37
	95% bare		12	42	84	61	66	32	70	30
<i>Erythronium grandiflorum</i>			snow gone			6	14	25	25	12
						5	10	18	17	10
<i>Thlaspi montanum</i>							4	10	19	27
							2	5	6	6
<i>Valeriana capitata</i>										
<i>Ranunculus inamoenus</i>										
<i>Potentilla pulcherrima</i>										
<i>Bromelica (Melica) spectabilis</i>										
<i>Geranium richardsoni</i>										
<i>Helianthella quinquenervis</i>										
<i>Delphinium barbeyi</i>										
<i>Aconitum columbianum</i>										
<i>Elymus (Agropyron) trachycaulus</i> - wild rye										
<i>Poa pratensis</i>										
<i>Ceratochloa (Bromus) carinata</i> smooth brome										
<i>Pyrrocoma (Haplopappus) crocea</i>										
<i>Cirsium</i> - yellow flowers 2m south of plot										
<i>Descurainea richardsoni</i>										
Total Flowers	0	0	17	50	123	84	92	72	139	76
Total flowers without grasses	0	0	17	50	123	84	92	72	139	76
# species flowering	0	0	1	1	1	2	3	3	3	3

species flowering without grass: 0 0 1 1 1 2 3 3 3 3

Notes: Krehe and Kathy Ritter made counts until 1 June; 74 *Veratrum* ramets; 2% winter gopher dumps; no sign of *Heracle*

This 2x2-m plot is located in the meadow between the East River and County Road 317, about 100 m south of the RMBL s

	without grasses	
Total number of species flowering	15	11
Maximum # of flowers on one day	654	649
Maximum # of species in flower =	6	5
Maximum H' = .		

Erythronium Meadow plot #2

Point #	Plot name	Corner (cor)	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

frost												
6/9/05	6/11/05	6/13/05	6/15/05	6/17/05	6/19/05	6/21/05	6/23/05	6/25/05	6/27/05	6/29/05	7/1/05	7/3/05
24	20	8	24	4	3							
20	20	6	18	4	2							
1												
1												
34	28	35	44	41	40	24	19	2	7	4	4	3
9	10	10	10	13	9	7	4	2	3	1	1	1
	1	2	3	4	4	4	4	4	4	5	5	5
			1	1	1							
			1	1	1							

59	49	45	72	50	48	28	23	6	11	9	9	8
59	49	45	72	50	48	28	23	6	11	9	9	8
3	3	3	4	4	4	2	2	2	2	2	2	2

3 3 3 4 4 4 2 2 2 2 2 2 2

um this year; Emily Morris did counts on 21 and 23 August, and Rebecca Hewitt remaining counts

outh property line (and north of the East River bridge). GPS coordinates below. See metadata file at www.rmbl.org for Inouye phenology project

1 0 1 0 2 2 3 3 3 3 3 5 4

: for additional details

Patty and Emily did counts through 8/15
 8/2/05 8/5/05 8/7/05 8/9/05 8/11/05 8/13/05 8/15/05 8/17/05 8/19/05 8/21/05
 Emily did counts 8/23-25
 8/23/05 8/25/05 8/27/05

some Veratrum falling over

497	391	198	52	14	13	2	good fruit set
46	32	25	13	5	5	1	
8	12	12	3	2	1		
2	2	2	1	1	1		
1	total of 6 stalks in plot						

lost by grasshoppers

4	6 forgot to count after this date (and it was outside plot)											
1	1											
									missed earlier			1
506	403	210	55	16	14	2	0	0	0	0	0	1
505	403	210	55	16	14	2	0	0	0	0	0	1
4	3	2	2	2	2	1	0	0	0	0	0	1

3

3

2

2

2

2

1

0

0

0

0

0

1

8/29/05	8/31/05	9/4/05	9/6/05	Length of flowering		maximum number of f	maximum i
				27	<i>Claytonia lanceolata</i>	123	84
				11	<i>Erythronium grandiflorum</i>	25	18
				33	<i>Thlaspi montanum</i>	44	13
					<i>Valeriana capitata</i>		
				26		5	
				5	<i>Ranunculus inamoenus</i>	1	1
				2	<i>Potentilla pulcherrima</i>	1	1
				3	<i>Bromelica (Melica) spectabilis</i>	8	
				18	<i>Geranium richardsoni</i>	5	3
					<i>Helianthella quinquenervis</i>		7
				33	<i>Delphinium barbeyi</i>	638	53
				26	<i>Aconitum columbianum</i>	12	2
				5	<i>Elymus (Agropyron) trachycaulus - wild rye</i>	5	3
				11	<i>Poa pratensis</i>	5	
				2	<i>Ceratochloa (Bromus) carinata</i>	1	
				2	<i>Pyrrocoma (Haplopappus) crocea</i>	1	1
				8+	<i>Cirsium - yellow flowers</i> <i>2m south of plot</i>	6	1
1	1			5+	<i>Descurainia richardsoni</i>	1	
1	1	0	0				
1	1	0	0				
1	1	0	0				

1 1 0 0

lowers
number of stalks or plants
flowers
genets
flowers
genets
flowers
genets

inflorescences
flowers
genets
flowers
clusters of flowers
inflorescences

flowers
genets
capitula
inflorescences
flowers
inflorescences
flowers
inflorescences
inflorescences
clumps (genets)
inflorescences

inflorescences

capitula
genets
capitula
genets
inflorescences