

Erythronium Meadow Plot #1 - 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	6/9/05
<i>Claytonia lanceolata</i>	2-15cm snow		16	71	211	109	131	49	114	14	24
	<5% bare	95% bare	14	63	159	83	114	45	90	14	21
<i>Erythronium grandiflorum</i>	snow gone				2	12	23	32	25	6	1
					2	9	18	20	18	5	1
<i>Valeriana capitata</i>							1	1	1	1	3
<i>Ranunculus inamoenus</i>											1
											1
<i>Hydrophyllum fendleri</i>											
<i>Ligusticum porteri</i>											
<i>Delphinium barbeyi</i>											
<i>Elymus (Agropyron) trachycaulus - wild rye</i>											
<i>Geranium richardsonii</i>											
<i>Poa (pratensis?)</i>											
<i>Helianthella quinquenervis</i>											
<i>Ceratochloa (Bromus) carinata</i>											
<i>Aconitum columbianum</i>											
Total Flowers	0	0	16	71	213	121	155	82	140	21	29
Total flowers without grasses	0	0	16	71	213	121	155	82	140	21	29
# species flowering	0	0	1	1	2	2	3	3	3	3	4
# species flowering without grasses	0	0	1	1	2	2	3	3	3	3	4

Notes: Krehe and Kathy Ritter made counts until 1 June; 53 *Veratrum* ramets; 1% winter gopher dump; 1 small cowpie; no sign of *Thlaspi*

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

		without grasses
Total number of species flowering	13	10

Maximum # of flowers on one day	433	433
Maximum # of species in flower =	7	4
Maximum H' =	.	.

Erythronium Meadow plot #1

Point #	Plot name	Corner (corner)	Altitude (feet)	Altitude (meters)	Latitude	Longitude
165	<i>Erythronium</i>	Northwest	9399.319	2864.91	38.954593	106.98884
166	<i>Erythronium</i>	Northeast	9399.835	2865.07	38.954597	106.98882
167	<i>Erythronium</i>	Southeast	9399.351	2864.92	38.954581	106.98881
168	<i>Erythronium</i>	Southwest	9399.334	2864.92	38.954576	106.98883

frost	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	7/6/05	7/8/05
	17	2	8											
	14	2	7											
	7	5	18	23	25	25	24	24	24	23	23	23	17	9
			1				1							
			1				1							
										7	19	21	19	19
										2	5	7	5	6
														2

24	7	27	23	25	25	25	24	24	30	42	44	36	30
24	7	27	23	25	25	25	24	24	30	42	44	36	30
2	2	3	1	1	1	2	1	1	2	2	2	2	3
2	2	3	1	1	1	2	1	1	2	2	2	2	3

aspi montanum this year; no Melica flowering in plot; Emily Morris did counts on 21 and 23 August, and Rebecca Hewitt remaining counts

ty line (and north of the East River bridge). GPS coordinates below. See metadata file at www.rmb1.org for Inouye phenology project for additional details

7/10/05	7/12/05	7/14/05	7/17/05	7/19/05	7/21/05	7/23/05	7/25/05	7/27/05	7/29/05	7/31/05	8/2/05	8/5/05	8/7/05
8	6	4	leaves being eaten by grasshoppers										
4	3	2											
2	3	4	4	4	4	3	1						
		25	140	226	317	367	302	400	386	400	431	386	225
		3	9	13	19	23	26	33	35	33	29	21	18
			1	2	2	4			total of 10 stalks in plot				
						3							
					1		1		1			1	
				petals eaten off by gr:				1		1			
					3	2	2		total of 3 stalks in plot				
						1			7 aborted stalks				
						1							
						1			total of 22 stalks in plot				
							3	4	4	6	2	2	3
							1	1	1	1	1	1	1
10	9	33	145	232	327	381	310	404	393	402	433	390	225
10	9	33	144	230	322	374	308	404	393	402	433	390	225
2	2	3	3	3	5	7	5	2	3	2	2	3	1
2	2	3	2	2	3	4	4	2	3	2	2	3	1

Length of flowering		maximum number of flowers	
	second flowering		maximum number of stalks or plants
23	<i>Claytonia lanceolata</i>	211	flowers
13	<i>Erythronium grandiflorum</i>	32	159 genets flowers
	<i>Valeriana capitata</i>		20 genets
38		25	inflorescences
7	2 <i>Ranunculus inamoenus</i>	1	flowers
16	<i>Hydrophyllum fendleri</i>	21	1 genets flowers
18	<i>Ligusticum porteri</i>	4	7 inflorescences inflorescences
43	<i>Delphinium barbeyi</i>	431	flowers
7	<i>Elymus (Agropyron) trachycaulus - wild rye</i>	4	35 inflorescences inflorescences
16	<i>Geranium richardsonii</i>	1	3 clumps (genets) flowers
5	<i>Poa (pratensis?)</i>	3	1 genets inflorescences
2	<i>Helianthella quinquenervis</i>	1	capitula
2	<i>Ceratochloa (Bromus) carinata</i>	1	1 inflorescences inflorescences
14	<i>Aconitum columbianum</i>	6	flowers
			1 genets