

Veratrum Removal 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>	snow covered		2	25	72	76	52	32	62	25	21
	< 5% bare		1	17	39	50	37	25	45	21	18
<i>Erythronium grandiflorum</i>		snow gone		1	2	3	4	13	14	5	
				1	1	2	3	11	12	3	

Valeriana capitata

1

Sedum rosea

between this plot and VR2

Pedicularis bracteosa

between this plot and VR2

Bromelica (Melica) spectabilis

Poa pratensis

Delphinium barbeyi

Elymus (Agropyron) trachycaulus - slender wheatgrass

Ceratochloa (Bromus) carinata

smooth, flat

Helianthella quinquenervis

Pyrrocoma (Haplopappus) crocea

Total Flowers	0	0	2	26	74	79	56	45	76	30	22
Total flowers without grasses	0	0	2	26	74	79	56	45	76	30	22
# species flowering	0	0	1	2	2	2	2	2	2	2	2
# species flowering without grasses	0	0	1	2	2	2	2	2	2	2	2

Notes: Krehe and Kathy Ritter made counts until 1 June; no gopher dumps; no sign of *Heracleum* this year; Emily Morris

This 2x2-m plot is located in the meadow between County Road 317 and the East River, west of South Gothic, 198m to W

		without grasses
Total number of species flowering	10	6
Maximum # of flowers on one day	749	715

Maximum # of species in flower =	5	<u>3</u>
Maximum H' = .		

Veratrum Removal plot #1

Point #	Plot name	Corner (cor)	Altitude (feet)	Altitude (meters)	Latitude	Longitude
173	<i>Veratrum</i> F	Northeast	9397.083	2864.23	38.954451	106.98883
174	<i>Veratrum</i> F	Southeast	9397.816	2864.45	38.954433	106.98883
175	<i>Veratrum</i> F	Southwest	9397.563	2864.38	38.954429	106.98885
176	<i>Veratrum</i> F	Northwest	9397.766	2864.44	38.954446	106.98885

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
	14	3	8	2										
	12	2	8	2										
	2	4	15	26	29	29	29	29	29	26	26	26	26	13
						12	26	42	14	19	2			
						1	2	4	4	4	2			
									2	6	5	10	X	10
									1	1	1	1		1
														X?
	16	7	23	28	29	41	55	71	45	51	33	36	26	23
	16	7	23	28	29	41	55	71	45	51	33	36	26	23
	2	2	2	2	1	2	2	2	3	3	3	2	1	2
	2	2	2	2	1	2	2	2	3	3	3	2	1	2

did counts on 21 and 23 August, and Rebecca Hewitt remaining counts

Willow-Meadow Interface Plot #1, measured with Garmin Rino radio/GPS. GPS coordinates below. See metadata file at www.rmbl.org for Inouye phenology

counts through 8/15

Emily did counts 8/23-25

8/9/05	8/11/05	8/13/05	8/15/05	8/17/05	8/19/05	8/21/05	8/23/05	8/25/05	8/27/05	8/29/05	8/31/05	9/4/05	9/6/05
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stalks in plot

121	79	37	20	11	6	2	2							good fruit set
23	22	10	5	3	2	1	1							

>+16 stalks in plot

stalks in plot

1	1													
1	1													
122	80	37	20	11	6	2	2	0	0	0	0	0	0	0
122	80	37	20	11	6	2	2	0	0	0	0	0	0	0
2	2	1	1	1	1	1	1	0	0	0	0	0	0	0
2	2	1	1	1	1	1	1	0	0	0	0	0	0	0

Length of flowering

Maximum number

25	<i>Claytonia lanceolata</i>	76	flowers 50 genets
13	<i>Erythronium grandiflorum</i>	14	flowers 12 genets
	<i>Valeriana capitata</i>		
36		29	inflorescences
11	<i>Sedum rosea</i>	42	flowers 4 genets
18	<i>Pedicularis bracteosa</i>	10	flowers 1 genets
5	<i>Bromelica (Melica) spectabilis</i>	33	inflorescences
	<i>Poa pratensis</i>		
16		32	inflorescences
41	<i>Delphinium barbeyi</i>	712	flowers 71 genets
5	<i>Elymus (Agropyron) trachycaulu</i>	23	inflorescences 5 clumps(genets)
2	<i>Ceratochloa (Bromus) carinata</i>	1	inflorescences
7	<i>Helianthella quinquenervis</i>	3	capitula 3 genets
14	<i>Pyrrocoma (Haplopappus) croce</i>	1	capitula 1 genets