



*Polygonum douglasii*

*Achillea millefolium*

Total Flowers	0	0	0	0	0	0	11	40	80	108	171
Total flowers without grasses	0	0	0	0	0	0	11	40	80	108	171
# species flowering	0	0	0	0	0	0	1	1	2	2	4
# species flowering without grasses	0	0	0	0	0	0	1	1	2	2	4

Notes: Krehe and Kathy Ritter made counts until 1 June; 5% winter gopher dumps; Emily Morris did counts on 21 and 23 August, and

This 2x2-m plot is located in the meadow between County Road 317 and the East River, west of South Gothic. GPS coordinates below

	without grasses	
Total number of species flowering	23	18
Maximum # of flowers on one day	178	178
Maximum # of species in flower =	7	6
Maximum H' =		

#### Greenhouse plot #5

Point #	Plot name	Corner (corner)	Altitude (feet)	Altitude (meters)	Latitude	Longitude
141	Greenhouse	Northeast	9406.475	2867.09	38.955571	106.98894
142	Greenhouse	Southeast	9406.546	2867.12	38.955554	106.98893
143	Greenhouse	Southwest	9406.578	2867.12	38.955549	106.98896
144	Greenhouse	Northwest	9406.189	2867.01	38.955566	106.98896



135	115	174	178	124	129	169	146	136	136	141	136	84	31
135	115	174	178	124	129	169	146	136	136	141	136	84	31
4	4	5	5	4	5	5	5	6	5	6	5	5	4
4	4	5	5	4	5	5	5	6	5	6	5	5	4

Rebecca Hewitt remaining counts

w. See metadata file at [www.rnbl.org](http://www.rnbl.org) for Inouye phenology project for additional details



63	88	64	29	23	18	30	40	22	32	20	34	14	37
63	61	50	29	21	12	17	13	19	23	20	14	14	37
4	4	4	3	5	3	7	6	5	7	5	7	4	4
4	3	3	3	4	2	4	4	3	5	5	5	4	4

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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							1	1					
							1	1					

	1	1	1	1	1	1	1	1	1	1			
	1	1	1	1	1	1	1	1	1	1			

total of 20 stalks in plot

total of  $1*3+2*3+3*3+10$  stalks in plot

	13	16	12	11	6	12	9	5	1	1			
	3	3	3	3			2	2	1	1			
	2	1		1	1	1							
28	29	36	43	41	29	27	41	44	18	4	3	2	

4	7	10	11	7	2								
	2	10	12	19	12	2	1						
	1	9	10	14	11	1	1						
		1	1										

44	47	49	56	49	43	40	59	59	47	20	9	6	3
44	47	49	56	49	43	40	59	59	39	16	5	3	0
4	4	3	4	4	4	5	6	5	5	3	3	3	1
4	4	3	4	4	4	5	6	5	4	2	2	2	0





2  
1

1  
1

1  
1

3  
3

37

3

3	0	2	1	0	0	1	0	0	3	0	0
0	0	2	1	0	0	1	0	0	3	0	0
1	0	1	1	0	0	1	0	0	1	0	0
0	0	1	1	0	0	1	0	0	1	0	0

flowering		maximum number of flowers	
second flowering			maximum number of stalks or plants
	<i>Mertensia fusiformis</i>	145	flowers 32 genets
	<i>Carex geyeri</i> male		
	female	1	inflorescences
	<i>Ranunculus inamoenus</i>	22	flowers 14 inflorescences
3	<i>Androsace septentrionalis</i>	137	flowers 24 genets
	<i>Viola praemorsa</i>	8	flowers 3 genets
	<i>Taraxacum officinale</i>	4	capitula 4 genets
	<i>Pseudocymopterus montanus</i>		
		3	inflorescences
	<i>Carex sp.</i> male	2	inflorescences
	female	3	inflorescences
	<i>Lathyrus leucanthus</i>	50	flowers 34 clusters of flowers
	<i>Lupinus argenteus</i>	19	flowers 3 inflorescences
	<i>Potentilla pulcherrima X hippiana</i>	11	flowers 9 clusters of flowers
	<i>Linum lewisii</i>	32	flowers 6 genets
	<i>Bromelica (Melica) spectabilis</i>	27	inflorescences
	<i>Bromopsis inermis</i>	2	inflorescences
	smooth brome		
	<i>Dugaldia (Helenium) hoopsii</i>	4	capitula 2 inflorescences
	<i>Poa pratensis</i>	19	inflorescences
	<i>Elymus (Agropyron) trachycaulu</i>	1	inflorescences 1 clumps (genets)
13	<i>Achnatherum (Stipa) lettermanii</i>	18	inflorescences 8 clumps (genets)
	<i>Erigeron speciosus</i>	16	capitula 3 clumps
	<i>Campanula rotundifolia</i>	2	flowers 1 genets
	<i>Artemisia dracunculus</i>	44	inflorescences

<i>Polygonum douglasii</i>	19	11 clumps flowers
<i>Achillea millefolium</i>	1	14 genets inflorescences