



*Polygonum douglasii*

*Collomia linearis*

Total Flowers	0	0	0	0	0	0	2	4	5	12	54
Total flowers without grasses	0	0	0	0	0	0	2	4	5	12	54
# species flowering	0	0	0	0	0	0	1	1	1	1	3
# species flowering without grasses	0	0	0	0	0	0	1	1	1	1	3

Notes: Krehe and Kathy Ritter made counts until 1 June; 1% winter gopher dump; Emily Morris did counts on 21 and 23 A

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

		without grasses	
Total number of species flowering	23		18
Maximum # of flowers on one day	203		157
Maximum # of species in flower =	7		7
Maximum H' = .			



45	0	56	42	20	17	28	14	19	19	24	41	58	69
45	0	56	42	20	17	28	14	19	19	24	41	58	69
3	0	3	4	4	2	4	2	2	3	5	3	4	6
3	0	3	4	4	2	4	2	2	3	5	3	4	6

August, and Rebecca Hewitt remaining counts

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

Patty and Emily did cc

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

10% fresh gopher dump

3  
2

32	14	11	4	3										
15	7	7	2	2										
47	63	92	63	31	12		6							
12	11	14	11	8	6		2							
5	10	13	13	13	13	13	11	3						
2	3	5	4	4	4	4	3	2						
1	1	1	4	5	2	10		7	2	2	5	5	8	
1	1	1	3	3	2	4		3	2	1	1	3	2	
6	1	23	32	36	40	102	95	2	109	15	102	31	22	
4	1	5	7	6	5	11	11	1	10	6	7			
6	7	17	19	11										
	6	10	11	9										

17 3

assumed total of 17 stalks in plot

38 59 65 42 4 6 total of 13C  
 6 10 total of 1\*2  
 2 3 13 9 8 7  
 1 1 5 3 may have l  
 1 1 1 1  
 1 1 1 1  
 1 total of 1\*2

7 1 2 2  
 2 3 2  
 2

plant in NE aborted its one stalk

2 1  
 1 1

100	113	160	135	137	132	203	159	17	131	24	119	51	42
100	96	157	135	99	67	126	113	13	112	24	110	43	35
7	7	7	6	7	6	7	7	5	5	3	5	6	6
7	6	6	6	6	4	4	4	4	3	3	4	5	5

units 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	2	1	1										
	2	1	1										
25	27	1	7	2	2							1	
												1	

) stalks in plot

+2+3+4\*3 stalks in plot

7 1 total of 2\*2+3\*2+6 stalks in plot  
been counted too long

+2+7+8 stalks in plot

4	6	6	4		1
2	2	2	2		1
1	1		1		

1	1	1	1	2	1	2	2	2	2	2	2	1
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			8 3	8 3				5 4	2 1		5 2		3 1	8 3
39	38	9	22	12	4	2	7	4	3	7	1	3	8	
32	37	9	22	12	4	2	7	4	3	7	1	3	8	
6	6	4	6	3	3	1	2	2	2	2	1	1	1	
5	5	4	6	3	3	1	2	2	2	2	1	1	1	







lowering second flowering	Maximum number	
<i>Mertensia fusiformis</i>	38	flowers 6 genets
9 <i>Viola praemorsa</i>	33	flowers 14 genets
<i>Ranunculus inamoenus</i>	1	flowers 1 genets
<i>Androsace septentrionalis</i>	20	flowers 4 genets
<i>Taraxacum officinale</i>	2	capitula 2 genets
<i>Lathyrus leucanthus</i>	32	flowers 15 clusters of flowers
<i>Lupinus argenteus</i>	92	flowers 14 genets
<i>Ligusticum porteri</i>	13	inflorescences 5 genets
<i>Potentilla pulcherrima</i>	10	flowers 4 clusters of flowers
<i>Linum lewisii</i>	109	flowers 11 genets
<i>Collomia linearis</i>	19	flowers 11 genets
<i>Bromelica (Melica) spectabilis</i>	17	inflorescences
<i>Poa pratensis</i>	65	inflorescences
<i>Elymus (Agropyron) trachycaulu</i>	10	inflorescences
<i>Achnatherum (Stipa) lettermanii</i>	13	inflorescences 5 clumps(genets)
<i>Dugaldia (Helenium) hoopsii</i>	1	capitula 1 genets
<i>Ceratochloa (Bromus) carinata</i>	1	inflorescences
<i>Erigeron speciosus</i>	7	capitula 2 genets
<i>Agoseris glauca</i>	3	capitula 2 genets
<i>Delphinium barbeyi</i>	2	flowers 1 genets
<i>Achillea millefolium</i>	2	inflorescences

<i>Polygonum douglasii</i>	8	inflorescences
		3 genets
<i>Collomia linearis</i>	8	flowers
		4 genets