

Willow - Meadow Interface Plot #2 - 2006 last updated 6/19/08 dwi
 5/4/2006 5/6/2006 5/8/2006 5/10/2006 5/22/2006 5/24/2006
Valeriana capitata 25% bare 70% bare 95% bare snow gone

2

Salix monticola female

Carex sp.

Thalictrum fendleri

Heuchera parviflora (outside plot)

Potentilla pulcherrima x *P. hippiana*

Heracleum lanatum

Total Flowers	0	0	0	0	0	2
Total flowers without grasses	0	0	0	0	0	2
# species flowering	0	0	0	0	0	1
# species flowering without gras	0	0	0	0	0	1

Notes: Krehe and Kathy Ritter did counts until 1 June; no gopher dum

This 2x2-m plot is located in the meadow between County Road 317 a

		without grasses
Total number of species flowering =	5	5
Maximum # of flowers on one day =	132	132
Maximum # of species in flower =	3	3
Maximum H' = .		

Willow-Meadow Interface plot #2

Point #	Plot name	Corner (com	Altitude (feet)	Altitude (meters)	Latitude
116	Willow-Mea	Southeast	9411.643	2868.67	38.955972
117	Willow-Mea	Southwest	9412.169	2868.83	38.955958
118	Willow-Mea	Northwest	9413.021	2869.09	38.955972
119	Willow-Mea	Northeast	9412.668	2868.98	38.955984

5/26/2006	5/28/2006	5/30/2006	6/1/2006	6/3/2006	6/5/2006	6/7/2006	6/9/2006	6/11/2006	
			some frost 2 stalks eaten since last census						
5	7	7	7	5	5	5	5	5	
			lots more catkins in plot but from stalks originating outside the plot						
18	20	27	68	127	38				
			male		buds				
			female			2	2	4	
			both						

9 infloresce

some frost damage to leaves

23	27	34	75	132	43	7	7	9
23	27	34	75	132	43	7	7	9
2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2

ps; cut several *Salix* branches out on 11 July - plot was being overgrown by them; 1 *Epilobium angust*
and the East River, west of South Gothic

Longitude
106.98858
106.9886
106.98861
106.9886

6/13/2006 6/15/2006 6/17/2006 6/19/2006 6/21/2006 6/23/2006 6/25/2006 6/27/2006 6/29/2006

	6/13/2006	6/15/2006	6/17/2006	6/19/2006	6/21/2006	6/23/2006	6/25/2006	6/27/2006	6/29/2006	
	5	5	5	5	4	3	2			
							shedding seed			
fruiting										
		2 aborted (frosted?) inflorescences								
	2	3	1	1	1					
	2									
	male									
	female		1	1	1	1	1	2	1	
ances		8 8 of 9 stalks killed by frost from last 2 nights; 1 OK?								
		1								
							1			
							1			
	9	8	7	7	6	4	4	2	1	
	9	8	7	7	6	4	4	2	1	
	2	2	3	3	3	2	3	1	1	
	2	2	3	3	3	2	3	1	1	

ifolium plant aborted buds; Patty Coffin did counts 6-12, 16-20 August; Elizabeth Ziegler did counts 14

7/1/2006 7/3/2006 7/5/2006 7/7/2006 7/9/2006 7/11/2006 7/13/2006 7/15/2006 7/17/2006

Agoseris glauca flower

1		1	1	1	1	1	1		
	X	X	33	25	29	31	47	23	
jinning of flowering by new stalks			3	3	3	3	3	3	3
2	1	2	2	1	4	6	7	1	
2	1	1	1	1	2	4	3	1	
lots of leaves in plot, no flowering this year									
3	1	3	3	2	5	7	7	1	
3	1	3	3	2	5	7	7	1	
2	1	2	2	2	2	2	1	1	
2	1	2	2	2	2	2	1	1	

, 22-24 August and from 28 August to end

7/19/2006 7/21/2006 7/23/2006 7/25/2006 7/27/2006 7/29/2006 7/31/2006 8/2/2006 8/4/2006

ring near plot

6	6	11	7	5	3	2	1	1
3	3	3	2	3	2	2	1	1
6	2	9	4	3	2			
3	1	3	3	2	1			
6	2	9	4	3	2	0	0	0
6	2	9	4	3	2	0	0	0
1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	0	0	0

9/14/2006 9/16/2006 9/18/2006 9/20/2006

Length of flowering

second flowering

Valeriana capitata

33

Salix monticola

11

Carex sp.

15

Thalictrum fendleri

27

2

39 *Heuchera parviflora* (

35

Potentilla pulcherrima

Heracleum lanatum

0 0 0 0

0 0 0 0

0 0 0 0

0 0 0 0

Maximum number

	7	inflorescences
	127	catkins
	4	inflorescences
	2	inflorescences
outside plot)	2	inflorescences
	47	flowers
	3	inflorescences
<i>x P. hippiana</i>	9	flowers
	4	inflorescences