

Table A1. Mean cover (C) and percent frequency (F) of dominant species in subalpine and alpine communities.

Species code	Scree and talus communities								<i>Phlox diffusa</i> communities											
	<i>Astragalus</i>		<i>Phacelia</i>		<i>Delphinium</i>		<i>Senecio</i>		<i>Potentilla</i>		<i>Festuca</i>		<i>Carex</i>		<i>Juniperus</i>		<i>Pachistima</i>			
	C	F	C	F	C	F	C	F	C	F	C	F	C	F	C	F	C	F		
Ast Aus	2.5	90																		
Cre Nan	0.3	45																		
Cam Pip	0.2	31																		
Phl Dif	0.5	55	1.4	48			0.1	40	3.9	98	14.1	90	8.5	100	3.6	91	7.2	90	5.8	100
Ach Mil	0.3	35	1.2	50	0.3	33			1.6	83	2.7	88			0.7	75	0.5	46	0.6	54
Pot Fru									4.4	64					1.2	32				
Eri Com	0.1	33							0.7	77					0.2	34				
Pha Ser	0.2	43			0.2	33			0.6	64										
Sit Hys	0.1	31							0.3	60				0.2	45					
Sme Cal									0.8	43										
Sol Mul									1.7	42										
Syn Pin									1.1	36										
Fes Ovi									0.4	60			0.2	40	0.3	59				
Luz Spi									0.4	42										
Fes Ida								1.0	47	11.0	85									
Ago spp.			0.4	66						1.3	69									
Sil Par										1.0	66					1.1	43	0.4	46	
Are Cap										3.6	62	0.4	31							
Cam Rot										1.2	44									
Vio Adu										0.5	45			0.2	32					
Pol Bis										1.1	41									
Ali Cre										1.2	35									
Car Pha								1.2	55	0.5	31	3.8	79	0.2	48					
Tri Spi										1.0			57	0.3	45					
Car Spe												2.2	31							
Lup Lat			2.9	26								3.5	40	1.9	43					
Jun Com														15.4	84					
Sax Bro														1.1	64					
Pen Dav														1.4	66	0.9	51	0.1	19	
Epi Ang														0.3	32					
Sed Div							0.2	47						0.5	50	1.2	71	2.6	73	
Pac Myr																3.4	60	1.7	58	
Dou Lae					0.2	33			0.7	38			0.5	40	0.6	59	1.6	66		
Cry Cri																0.3	54	0.2	27	
Lui Hyp																1.4	34	1.4	31	
Pha Has			10.5	89	2.0	33										0.3	30	1.7	100	
Epi Alp			1.1	74	1.4	61	0.7	80				0.1	36							
Hyd Fen			6.9	57																
Cir Edu			3.4	53																
Ast Pau			3.6	48												1.1	43	0.1	27	
Art Lud			6.1	50														2.5	54	
Bro Sit			0.4	48																
Del Gla					11.1	100	0.3	40												
Col Deb					0.6	39														
Sen Neo					1.6	33	1.8	93												
Elm Rac							0.7	53												
Oxy Dig							0.1	33												
Total cover	7.0		54.7		25.7		8.7		32.9		67.3		31.3		39.4		34.8		32.0	

Species code	<i>Carex spectabilis</i> communities										Late snowmelt community	
	<i>Valeriana</i>		<i>Vaccinium</i>		<i>Lupinus</i>		<i>Phyllodoce</i>		<i>Cassiope</i>		<i>Luetkea-Saxifraga</i>	
	C	F	C	F	C	F	C	F	C	F	C	F
Car Spe	16.2	86	10.5	78	14.2	88	2.9	65	1.5	76	0.7	33
Val Sit	2.5	77	1.8	59								
Pte Aqu	2.0	2			1.0	11						
Epi Alp	0.8	77									0.1	33
Ver Vir	3.7	42										
Ast Pau	2.2	44										
Cir Edu	0.9	40										
Bro Sit	0.5	30										
Vac Del	4.5	23	25.7	75	1.0	15	13.7	63	1.1	22		
Lup Lat	4.2	51	13.1	88	8.7	63	2.2	42				
Pol Bis	1.5	70	3.7	94	2.1	63	1.5	65	0.6	35		
Eri Per	1.0	42	2.1	75	1.8	45	0.2	31				
Hie Gra			0.5	69	0.9	67	0.8	77	0.9	81	0.1	33
Luz Cam			0.5	63	0.4	50	0.3	49	0.2	41		
Poa Sec	0.5	35	0.3	44					0.2	32		
Lue Pec			3.6	41	6.1	61	5.6	78	12.2	86	4.6	78
Jun Par					2.5	52	1.6	34	2.4	49		
Lom Mar					0.4	46						
Phl Dif			0.6	38	4.0	57			0.4	41		
Phy Emp			2.6	41			26.9	89	1.1	43		
Ery Mon							0.6	32				
Cas Par							0.4	48	0.5	38		
Cas Mer							6.0	31	12.7	70	0.4	33
Abi Las									4.9	57	0.1	33
Luz Par	0.4	37	0.4	38					0.7	51	1.1	44
Ant Lan					1.3	28			5.4	43		
Rho Alb									1.1	5		
Sax Tol											3.2	78
Des Atr											1.9	67
Jun Dru											1.1	78
Sax Fer											0.4	44
Car Nig					1.3	16					9.0	33
Jun Mer											0.4	33
Ran Ver											0.1	33
Total cover	61.7		105.5		61.9		74.9		55.0		26.5	