

Table A2. Mean environmental and substrate characteristics by community type. Substrate data represent mean percent cover.

Community type	Slope (°)	Aspect	Elevation (m)	Total rock	Bare soil	Bedrock	Rock size class (cm)				Litter	Organic matter
							1–4	5–10	11–20	>20		
Scree and talus communities												
<i>Astragalus</i>	30	SW	1,698	90.1	9.3	6.9	62.3	12.2	5.2	3.5	0.6	0.1
<i>Phacelia</i>	35	SE–SW	1,734	55.2	16.7	1.6	24.6	15.9	8.6	4.5	3.7	0.9
<i>Delphinium</i>	32	SE–SW	1,868	78.6	13.8	0.4	42.3	20.2	10.0	5.7	0.3	0.1
<i>Senecio</i>	33	NE–NW	1,813	81.3	10.9	0.2	39.6	25.0	10.8	5.7	0.4	0.3
<i>Phlox diffusa</i> communities												
<i>Potentilla</i>	22	All	1,839	77.2	7.5	4.6	34.0	20.3	12.6	5.7	3.3	0.5
<i>Festuca</i>	26	SE–SW	1,698	42.4	13.3	2.1	23.7	11.5	3.4	1.7	8.4	0.8
<i>Carex phaeocephala</i>	30	S–SW	1,843	67.1	3.0	15.9	14.0	15.3	13.7	8.2	1.6	0.4
<i>Juniperus</i>	34	E–W	1,813	59.9	4.5	20.8	8.7	11.7	7.1	11.6	5.6	3.3
<i>Pachistima–Sedum</i>	41	SE–SW	1,717	70.1	11.5	31.0	16.6	8.2	6.3	8.6	2.2	0.6
<i>Pachistima–Phacelia</i>	36	SE–SW	1,677	60.9	23.7	17.6	19.7	10.8	5.2	7.6	1.8	0.3
<i>Carex spectabilis</i> communities												
<i>Valeriana</i>	35	All	1,617	32.3	5.6	0.3	12.2	7.8	7.4	4.6	11.7	7.7
<i>Vaccinium</i>	37	SE–NW	1,678	18.5	5.3	2.0	5.8	4.5	3.3	3.0	15.0	6.3
<i>Lupinus</i>	31	E–SE	1,796	45.9	4.8	8.6	18.7	8.9	4.7	5.1	7.7	3.1
<i>Phyllodoce</i>	30	NE–SE	1,731	28.2	4.1	8.9	6.3	5.2	4.1	3.8	19.2	6.8
<i>Cassiope</i>	31	NW–NE	1,830	57.6	7.0	17.6	15.3	9.4	6.7	8.6	5.3	0.8
Late snowmelt community												
<i>Luetkea–Saxifraga</i>	29	W–NW	1,633	72.6	8.6	9.0	21.4	11.1	12.9	18.1	1.5	3.2