Collared Pika Surveys 2018 — Site Description Datasheet

Site Information

Site Code: P135	**Date (yyyy-mm-dd):** 2018-08-15
Observer 1: JW	**Observer 2:** AD

Plot Cover

Instructions: Visually estimate the percent of each of the following category for the entire plot (250 x 250m).

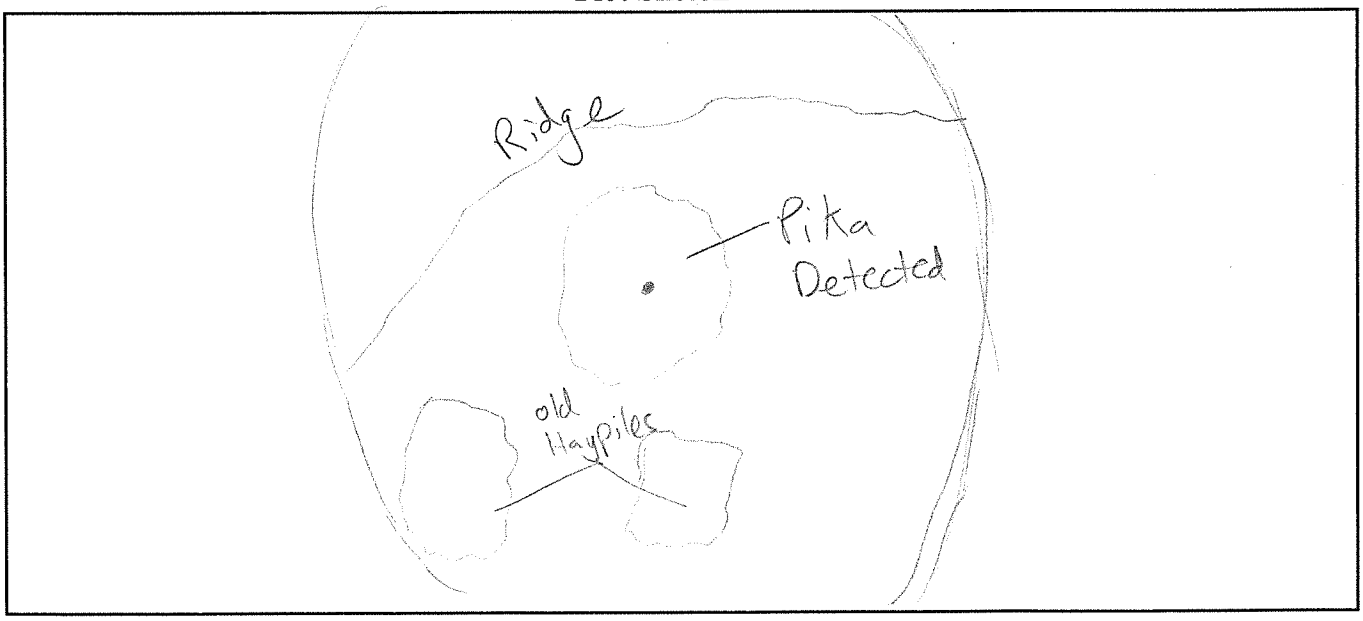
Category	Cover (%)	Distance to Nearest Talus (m)
Snow	0	—
Water: pond stream other	0	—
Low Shrub	60	
Talus	25	N/A

50m Radius

Instructions: Visually estimate the percent of each of the following category within a 50m radius of talus. Can include distance to nearest talus only for unsurveyed veg. classes.

	Viereck Level III Class	Cover (%)	Surveyed (Y/N)	Distance to Nearest Talus (m)
1	Closed Low shrub	15		0m
2	EDS	40		0m
3	Closed tall shrub	20		5m
4	Open low shrub	20		0m
5	Open tall shrub	15		0m
6	Mixed closed forest	10		0m

Plot Sketch



Collared Pika Surveys 2018 — Vegetation Plot Field Datasheet

Site Information

Site Code: P135	**Date (yyyy-mm-dd):** 2018-08-15			**Plot Size** (m): **10 x 10**
Observer 1: JW	**Observer 2:** AD	**Waypoint:** 172		**GPS ID:** 45
Slope (°): 5	**Aspect (°):** 208°	**Scope:**	**Vascular**: Highest cover	**Cover Method:** Semi-quant
Vegetation Class: open low shrub			**Non-vascular**: none	**Survey Method:** Visual est.
Distance to Nearest Talus (m): 20			**Lichen**: none	

General Cover

Instructions: Absolute cover is measured independently of other layers. Absolute cover can/often will sum to values > 100%.

Life Form	Absolute Cover (%)	Height (m)
Needleleaf	1	6
Broadleaf	0	—
Tall Shrub (> 1.5 m)	15	2m
Low Shrub (0.2 - 1.5 m)	35	1m
Dwarf Shrub (< 0.2 m)	65	6cm
Forb	10	
Ferns/Allies	<1	
Grasses (incl. rush and sedge)	20	
Moss	25	
Lichen	30	

Ground Form	Ground Cover (%)
Bare Ground	0
Rock	15
Water	0
Snow	0

Species Cover

Instructions: Each entity should be recorded at the finest taxonomic resolution possible. Use full names rather than codes or abbreviations. Cover values should be estimated based on absolute cover. Cover values can sum to greater than 100%.

Taxon	Cover (%)	Height (cm)	Voucher
Betula	45	1.5m	Y
Empetrum nigrem	40	9cm	N
Grass-010	20	25	Y
DS-010	20	5cm	Y

Collared Pika Surveys

Detection Datasheet

Site Code: P135	**Observer:** JW	**GPS ID:** 45
Date (yyyy-mm-dd): 2018-08-15	**Latitude** (dd):	**Longitude** (dd):
Start Time:	**End Time:**	**GPS Track:** 2018-08-15 P135-UH5
Temperature:	**Wind Speed:**	**Notes:**

Detection Data

		Feces			Haypile cm							Animal				Audio
Species	WP	Color (G/B)	Sample (Y/N)	Coin/ Vial	Dist Veg	Veg Type	Color (G/B)	Size (L)	Size (W)	Size (H)	Sample (Y/N)	Transect Bearing	Animal Bearing	Dist	Count	Y/N
PIKA	164											32	170	30.5	1	Y
PIKA	165				5m	OLS	B				Y					
Unk ung.	166	B	Y	C												
PIKA	167				8m	OLS/EOS	B				~~Y~~ N					
UNK	168	B	Y	C												
PIKA	168	B	Y	C	8m	OTS/OLS	B+B	30	25	5	Y					
SSH?	169	B	Y	C												
PIKA	170				5m	OTS	B				N					
PIKA	171	B	Y	C	19m	OLS/EOS	B				Y					

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP=waypoint; Color: G=green, B=brown; Sample: Collected Y/N; Coin/Vial: feces in coin envelope or 1.5ml vial; Dist Veg and Veg Type: distance to Viereck III vegetation types; L=length, W=width, H=height(cm) of haypiles; Transect Bearing: compass reading for path of travel; Animal Bearing: compass reading to animals; Dist=distance(m) to animals with rangefinder; Count=#of animals detected; audio(Y/N): if you hear an animal's call on site (you may not see it or know how far away).

Notes:

Collared Pika Surveys

Detection Datasheet

Site Information

Site Code: P135	**Observer:** AD	**GPS ID:** U27
Date (yyyy-mm-dd): 2018 - 08 - 15	**Latitude** (dd):	**Longitude** (dd):
Start Time: 10:15	**End Time:** 14:50	**GPS Track:** 2018-08-15 P135 U27
Temperature: 14.4°C	**Wind Speed:** 0	**Notes:**

Detection Data

LS = low shrub

		Feces			Haypile							Animal				Audio
Species	WP	Color (G/B)	Sample (Y/N)	Coin/ Vial	Dist Veg m	Veg Type	Color (G/B)	Size (L)	Size (W)	Size (H)	Sample (Y/N)	Transect Bearing	Animal Bearing	Dist	Count	Y/N
pika	142	~~B~~	~~Y~~		0.5	EDS, grass, LS	B				N					
↓	150	B	Y		0	forb, EDS, LS	↓				↓					
	155	B	N		3	LS										
	157	B	N		2	LS										
	160	~~B~~	~~N~~	~~N~~	0	grass, LS	↓				↓					
	161	~~G/B~~	~~N~~	~~N~~	2	LS	G+B				N	252	186	18m	1	N
	162	B	N		1	LS	B				↓					
	163	~~B~~	~~N~~	~~N~~	0	LS, fireweed	↓	huge								
	165	B	N		1	EDS		huge								
	166	B	N		2	LS										
	167	B	N		0	EDS, LS										
	168	B	N		1	LS										
↓	169	B	N		3	tall shrub	↓				↓					
pika	170	~~B~~	~~N~~	~~N~~	4	" "	B				N					
pika	138	B	N only 1	pelt												
pika	139	B	N, only 1													
bear	140	B	N, to wet													

@lunch spot

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Color: G=green, B=brown; Sample: Collected Y/N; Coin/Vial: feces in coin envelope or 1.5ml vial; Dist Veg and Veg Type: distance to Viereck III vegetation types; L=length, W=width, H=height(cm) of haypiles; Transect Bearing: compass reading for path of travel; Animal Bearing: compass reading to animals; Dist=distance(m) to animals with rangefinder; Count: #of animals detected; Audio(Y/N): if you hear an animal's call on site (you may not see it or know how far away).

Notes:

Collared Pika Surveys P135 page 2/2 **Detection Datasheet**

Site Information

Site Code:	**Observer:**	**GPS ID:**
Date (yyyy-mm-dd):	**Latitude** (dd):	**Longitude** (dd):
Start Time:	**End Time:**	**GPS Track:**
Temperature:	**Wind Speed:**	**Notes:**

Detection Data

		Feces			Haypile							Animal				Audio
Species	WP	Color (G/B)	Sample (Y/N)	Coin/ Vial	Dist Veg	Veg Type	Color (G/B)	Size (L)	Size (W)	Size (H)	Sample (Y/N)	Transect Bearing	Animal Bearing	Dist	Count	Y/N
pika	141	B	N, too few													
↓	143	↓	↓													
↓	144	↓	↓													
↓	145	↓	↓													
sheep	146	B	N													
sheep	147	B	N													
pika	148	B	N													
pika	149	B	N													
pika	151	B	N													
vole	151	B	N													
pika	152	↓	↓													
vole	153	↓	↓													
pika	154	↓	↓													
sheep	156	B	Y													
hare	157	B	N													
hare	158	B	Y													
pika	159	B	N													

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP=waypoint; Color: G=green, B=brown; Sample: Collected Y/N; Coin/Vial: feces in coin envelope or 1.5ml vial; Dist Veg and Veg Type: distance to Viereck III vegetation types; L=length, W=width, H=height(cm) of haypiles; Transect Bearing: compass reading for path of travel; Animal Bearing: compass reading to animals; Dist=distance(m) to animals with rangefinder; Count=#of animals detected; audio(Y/N): if you hear an animal's call on site (you may not see it or know how far away).

Notes: feces:
pika 164 Brown
no collection.

Collared Pika Surveys 2018 — Site Description Datasheet

Site Information

Site Code: P133	**Date (yyyy-mm-dd):** 2018-08-16
Observer 1: JW	**Observer 2:** AD

Plot Cover

Instructions: Visually estimate the percent of each of the following category for the entire plot (250 x 250m).

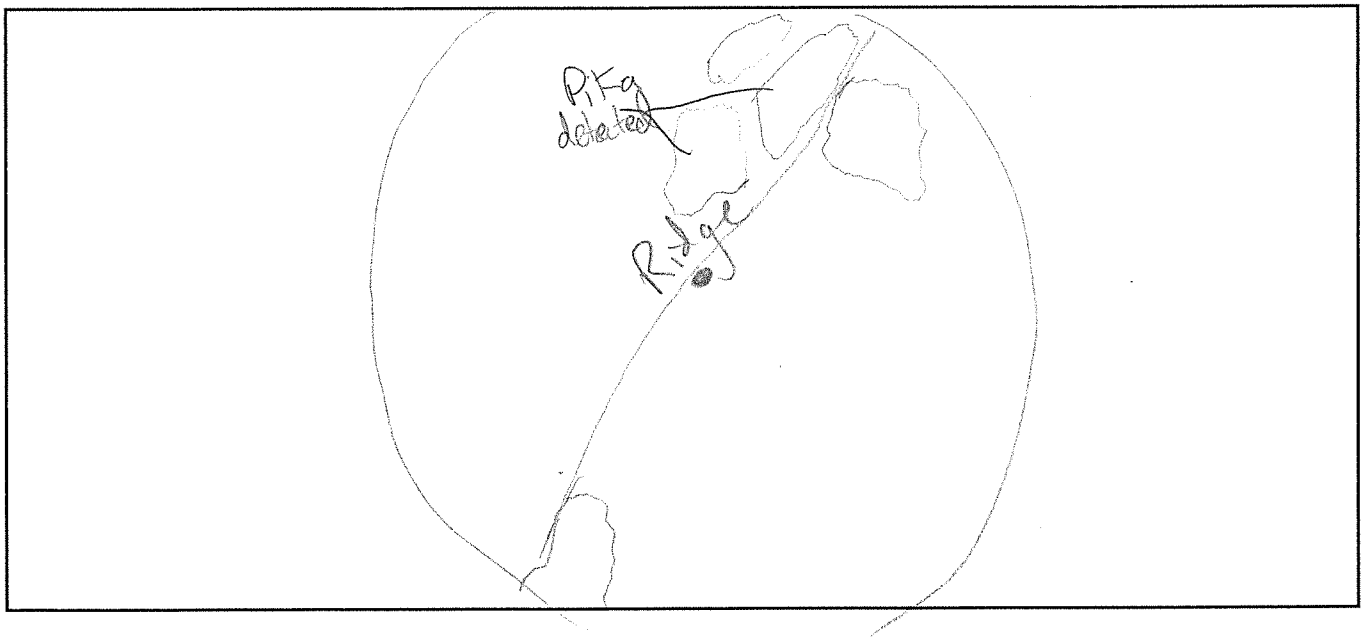
Category	Cover (%)	Distance to Nearest Talus (m)
Snow	0	—
Water: pond stream other	0	—
Low Shrub	<5%	5m
Talus	25%	N/A

50m Radius

Instructions: Visually estimate the percent of each of the following category within a 50m radius of talus. Can include distance to nearest talus only for unsurveyed veg. classes.

	Viereck Level III Class	Cover (%)	Surveyed (Y/N)	Distance to Nearest Talus (m)
1	Dryas Dwarf Shrub	85	Y	0m
2	Grataceous Dwarf Shrub	10	N	0m
3	Open low shrub	3	N	5m
4	Closed tall shrub	2	N	5m
5				
6				

Plot Sketch



Collared Pika Surveys 2018 — Vegetation Plot Field Datasheet

Site Information

Site Code: P133	**Date (yyyy-mm-dd):** 2018-08-16			**Plot Size (m):** 10 x 10
Observer 1: JW	**Observer 2:** AD	**Waypoint:** 183		**GPS ID:** 45
Slope (°): 20	**Aspect (°):** 52	**Scope:**	**Vascular**: Highest cover	**Cover Method:** Semi-quant
Vegetation Class: DDS			**Non-vascular**: none	**Survey Method:** Visual est.
Distance to Nearest Talus (m): 20m			**Lichen**: none	

General Cover

Instructions: Absolute cover is measured independently of other layers. Absolute cover can/often will sum to values > 100%.

Life Form	Absolute Cover (%)	Height (m)
Needleleaf	0	—
Broadleaf	0	—
Tall Shrub (> 1.5 m)	0	—
Low Shrub (0.2 - 1.5 m)		—
Dwarf Shrub (< 0.2 m)	75	5cm
Forb	15	
Ferns/Allies	0	
Grasses (incl. rush and sedge)	20	
Moss	50	
Lichen	10	

Ground Form	Ground Cover (%)
Bare Ground	5
Rock	15
Water	0
Snow	0

Species Cover

Instructions: Each entity should be recorded at the finest taxonomic resolution possible. Use full names rather than codes or abbreviations. Cover values should be estimated based on absolute cover. Cover values can sum to greater than 100%.

Taxon	Cover (%)	Height (cm)	Voucher
Dryas adjenensis	50	3cm	N
DS-011	25	7cm	Y
Fern? -001	15	8cm	Y

Collared Pika Surveys

Detection Datasheet

Site Code: P133	**Observer:** JW	**GPS ID:** 45
Date (yyyy-mm-dd): 2018-08-16	**Latitude** (dd):	**Longitude** (dd):
Start Time:	**End Time:**	**GPS Track:** 2018-08-16 P133-45
Temperature:	**Wind Speed:**	**Notes:**

Detection Data

		Feces			Haypile							Animal				Audio
Species	WP	Color (G/B)	Sample (Y/N)	Coin/ Vial	Dist Veg	Veg Type	Color (G/B)	Size (L)	Size (W)	Size (H)	Sample (Y/N)	Transect Bearing	Animal Bearing	Dist	Count	Y/N
PIKA	173											54	54	5m	1	N
PIKA	174				5m	Grass/FOS	B				Y					
AGS	175											355	100	12m	1	N
AGS	176											242	148	10M	1	Y
PIKA	177											358	312	205	1	N
AGS	177											338	321	22.5	1	N
AGS	179	G	Y	C												
PIKA	180	B	Y	C	5m	DDS	G	40cm	25cm	5cm	Y					
PIKA	181				5m	DDS	B				N					
PIKA	182				7m	DDS	B				Y					

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP=waypoint; Color: G=green, B=brown; Sample: Collected Y/N; Coin/Vial: feces in coin envelope or 1.5ml vial; Dist Veg and Veg Type: distance to Viereck III vegetation types; L=length, W=width, H=height(cm) of haypiles; Transect Bearing: compass reading for path of travel; Animal Bearing: compass reading to animals; Dist=distance(m) to animals with rangefinder; Count=#of animals detected; audio(Y/N): if you hear an animal's call on site (you may not see it or know how far away).

Notes:

Collared Pika Surveys

Detection Datasheet

Page 1/2

Site Information

Site Code: P133	**Observer:** AD	**GPS ID:** U27
Date (yyyy-mm-dd): 2018-08-16	**Latitude** (dd):	**Longitude** (dd):
Start Time: 9:45	**End Time:** 14:40	**GPS Track:** 2018-08-16 P133 U27
Temperature: 8.7°C	**Wind Speed:** 1.8mph	**Notes:**

Detection Data

		Feces			Haypile							Animal				Audio	
Species	WP	Color (G/B)	Sample (Y/N)	Coin/ Vial	Dist Veg m	Veg Type	Color (G/B)	Size (L)	Size (W)	Size (H)	Sample (Y/N)	Transect Bearing	Animal Bearing	Dist m	Count	Y/N	
AGS	171											276	334	30	1	N	w/ Jeff
AGS	172											222	240	47	1	N	
pika	172											222	194	32	1	N	
pika	173	B	N														
↓	174											222	159	11	1	N	w/ Jeff
↓	175											244	196	5	1	N	
↓	176											250	126	13	1	N	
AGS	177											312	312	37	1	N	
hoary marmot	177											audio only			1	Y	
pika	178	B	N														
↓	179	↓	↓														
↓	180	↓	↓														
pika	181	B	N		0	herb, grass, moss	B				N						
pika	182	B	N		0	herb,	B				N						
pika	183	B	N														
pika	184	B	N		0	moss, gram	B				Y						
AGS?	185	G	Y														

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP=waypoint; Color: G=green, B=brown; Sample: Collected Y/N; Coin/Vial: feces in coin envelope or 1.5ml vial; Dist Veg and Veg Type: distance to Viereck III vegetation types; L=length, W=width, H=height(cm) of haypiles; Transect Bearing: compass reading for path of travel; Animal Bearing: compass reading to animals; Dist=distance(m) to animals with rangefinder; Count=#of animals detected; audio(Y/N): if you hear an animal's call on site (you may not see it or know how far away).

Notes:

Collared Pika Surveys page 2/2 **Detection Datasheet**

Site Information

Site Code: P135	**Observer:**	**GPS ID:**
Date (yyyy-mm-dd):	**Latitude** (dd):	**Longitude** (dd):
Start Time:	**End Time:**	**GPS Track:**
Temperature:	**Wind Speed:**	**Notes:**

Detection Data

		Feces			Haypile							Animal				Audio
Species	WP	Color (G/B)	Sample (Y/N)	Coin/ Vial	Dist Veg m	Veg Type	Color (G/B)	Size (L)	Size (W)	Size (H)	Sample (Y/N)	Transect Bearing	Animal Bearing	Dist	Count	Y/N
AGS	186	—	—	—	—	—	—	—	—	—	—	244	160	23	1	y
pika	187	B	N													
pika	188	B	N		1	DDS	G but old?	—	—	—	Y					
pika	189	B	y		1	DDS	G	—	—	—	y	(9m	away	from	188	but fresh)
pika	190	B	N		0	DDS, grass	G+B	—	—	—	N					
	191	↓	↓													
	192															
	193															
	194		↓													
	195		y		2	DDS	B	—	—	—	N					
↓	196	↓	N													
pika	197	—	—	—	0	DDS, grass	B	—	—	—	N					
AGS	198	B	y													

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Color: G=green, B=brown; Sample: Collected Y/N; Coin/Vial: feces in coin envelope or 1.5ml vial; Dist Veg and Veg Type: distance to Viereck III vegetation types; L=length, W=width, H=height(cm) of haypiles; Transect Bearing: compass reading for path of travel; Animal Bearing: compass reading to animals; Dist=distance(m) to animals with rangefinder; Count: #of animals detected; Audio(Y/N): if you hear an animal's call on site (you may not see it or know how far away).

Notes:

Collared Pika Surveys 2018 — Site Description Datasheet

Site Information

Site Code: Marmot Valley	**Date (yyyy-mm-dd):** 2018-08-18
Observer 1: JW/AD	**Observer 2:** PS

Plot Cover

Instructions: Visually estimate the percent of each of the following category for the entire plot (250 x 250m).

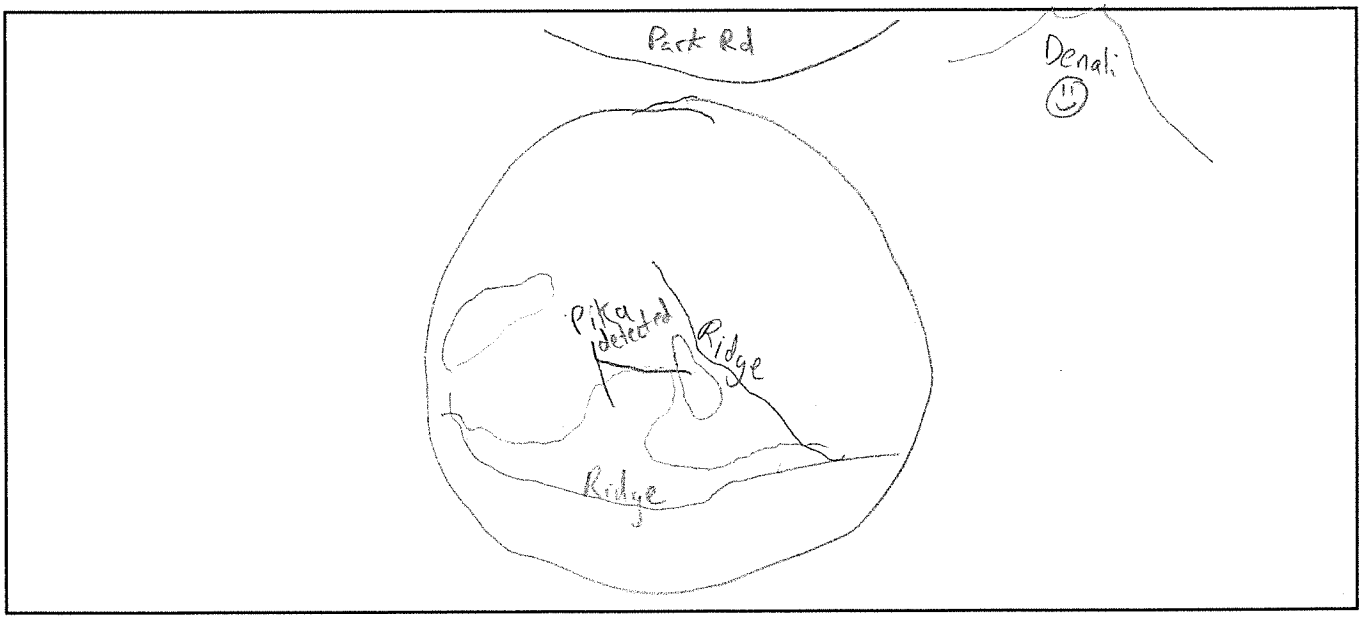
Category	Cover (%)	Distance to Nearest Talus (m)
Snow	0	—
Water: pond (stream) other underground near wetland	<1	0m
Low Shrub	30	0m
Talus	30	N/A

50m Radius

Instructions: Visually estimate the percent of each of the following category within a 50m radius of talus. Can include distance to nearest talus only for unsurveyed veg. classes.

	Viereck Level III Class	Cover (%)	Surveyed (Y/N)	Distance to Nearest Talus (m)
1	DDS	55		0
2	EDS	25		0
3	CLS	15		0
4	OTS	5		0
5				
6				

Plot Sketch



Collared Pika Surveys 2018 — Vegetation Plot Field Datasheet

Site Information

Site Code: Marmot Valley	**Date (yyyy-mm-dd):** 2018-07-18			**Plot Size (m):** 10 x 10
Observer 1: JW/AD	**Observer 2:** PS	**Waypoint:** 192		**GPS ID:** 45
Slope (°): 25	**Aspect (°):** 198	**Scope:**	**Vascular**: Highest cover	**Cover Method:** Semi-quant
Vegetation Class: CLS			**Non-vascular**: none	**Survey Method:** Visual est.
Distance to Nearest Talus (m): 10			**Lichen**: none	

General Cover

Instructions: Absolute cover is measured independently of other layers. Absolute cover can/often will sum to values > 100%.

Life Form	Absolute Cover (%)	Height (m)
Needleleaf	0	0
Broadleaf	0	
Tall Shrub (> 1.5 m)	0	
Low Shrub (0.2 - 1.5 m)	75	0.8
Dwarf Shrub (< 0.2 m)	0	
Forb	50	
Ferns/Allies	0	
Grasses (incl. rush and sedge)	40	
Moss	20	
Lichen	5	

Ground Form	Ground Cover (%)
Bare Ground	5
Rock	0
Water	0
Snow	0

Species Cover

Instructions: Each entity should be recorded at the finest taxonomic resolution possible. Use full names rather than codes or abbreviations. Cover values should be estimated based on absolute cover. Cover values can sum to greater than 100%.

Taxon	Cover (%)	Height (cm)	Voucher
Salix	65	~~80~~	Y
Grass-012	35	20	N
Sinque-foil	10	25	

Collared Pika Surveys

Detection Datasheet

Site Information

Site Code: Marmot Valley 1	**Observer:** Paul S.	**GPS ID:** Paul's GPS
Date (yyyy-mm-dd): 2014-08-18	**Latitude (dd):**	**Longitude (dd):**
Start Time: 2:40 pm	**End Time:** 4:45 (ish)	**GPS Track:** 2014-08-18 MARMVAL
Temperature:	**Wind Speed:**	**Notes:**

Detection Data

		Feces			Haypile							Animal				Audio
Species	WP	Color (G/B)	Sample (Y/N)	Coin/ Vial	Dist Veg	Veg Type	Color (G/B)	Size (L)	Size (W)	Size (H)	Sample (Y/N)	Transect Bearing	Animal Bearing	Dist	Count	Y/N
AGS	164	—	—			—						54	62	69	1	N
Pika	165	B	Y	C	6	Dwarf + low shrub	G+B	6"	2"	1"	Y					
Pika	166	—				—						130	156	5	1	Y
Pika	167	B	N	—	3	Dwarf shrub + forbs	B				N	—				
Pika	168	B	Yes	C	5	Grass + low shrub	B									
Pika	169	B	N	—	1	Grass	G+B	2"	2"	1"	Y	—				

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Color: G=green, B=brown; Sample: Collected Y/N; Coin/Vial: feces in coin envelope or 1.5ml vial; Dist Veg and Veg Type: distance to Viereck III vegetation types; L=length, W=width, H=height(cm) of haypiles; Transect Bearing: compass reading for path of travel; Animal Bearing: compass reading to animals; Dist=distance(m) to animals with rangefinder; Count: #of animals detected; Audio(Y/N): if you hear an animal's call on site (you may not see it or know how far away).

Notes:

Collared Pika Surveys page 1/2 **Detection Datasheet**

Site Information

Site Code: marmot valley (MV1)	Observer: AD	GPS ID: U27
Date (yyyy-mm-dd): 2018-08-18	Latitude (dd):	Longitude (dd):
Start Time: 13:53	End Time: 15:48	GPS Track: 2018-08-18 MV1 U27
Temperature: 13.4°C	Wind Speed: 5.2mph	Notes: lots of AGS chitter

Detection Data

		Feces			Haypile							Animal				Audio
Species	WP	Color (G/B)	Sample (Y/N)	Coin/ Vial	Dist Veg m	Veg Type	Color (G/B)	Size (L)	Size (W)	Size (H)	Sample (Y/N)	Transect Bearing	Animal Bearing	Dist m	Count	Y/N
pika	199	B	Y													
vole	199	B	Y													
AGS	199	—	—	—	—	—	—	—	—	—	—	126	126	17	1	Y
↓	199	—	—	—	—	—	—	—	—	—	—	126	260	30	1	Y
↓	199	—	—	—	—	—	—	—	—	—	—	126	198	21	1	Y
pika	200	B	Y													
vole	200	B	N													
pika	201	—	—	—	0	tall (7ft) willow	B,v.old	—	—	—	Y	—	—	—	—	—
pika	202	B	N		haypile 16m from 201											
pika	203	B	N		0.5	cinquefoil willow shrub	B,v.old,large				Y					
pika	204	B	N		0.5	lowshrub, grass	B				N					
vole	205	B	Y													
vole	206	B	N													
pika	207	B	Y													
pika+vole	208	B	N													
pika	209	—	—	—	<0.5	DDS	B+G	—	—	—	Y					
pika+vole	210	B	N													

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP=waypoint; Color: G=green, B=brown; Sample: Collected Y/N; Coin/Vial: feces in coin envelope or 1.5ml vial; Dist Veg and Veg Type: distance to Viereck III vegetation types; L=length, W=width, H=height(cm) of haypiles; Transect Bearing: compass reading for path of travel; Animal Bearing: compass reading to animals; Dist=distance(m) to animals with rangefinder; Count=#of animals detected; audio(Y/N): if you hear an animal's call on site (you may not see it or know how far away).

Notes:

Collared Pika Surveys page 2/2 **Detection Datasheet**

Site Information

Site Code:	**Observer:**	**GPS ID:**
Date (yyyy-mm-dd):	**Latitude** (dd):	**Longitude** (dd):
Start Time:	**End Time:**	**GPS Track:**
Temperature:	**Wind Speed:**	**Notes:**

Detection Data

		Feces			Haypile							Animal				Audio
Species	WP	Color (G/B)	Sample (Y/N)	Coin/ Vial	Dist Veg	Veg Type	Color (G/B)	Size (L)	Size (W)	Size (H)	Sample (Y/N)	Transect Bearing	Animal Bearing	Dist	Count	Y/N
pika	211	B	N		<0.5	DDS, WDS, cinquefoil	G				Y					
↓	212	B	N		<0.5	grass, DDS	B				N					
↓	213	↓	↓	+vole	<0.5	grass, WDS, DDS	B				N					
↓	214	↓	↓		1	DDS, cinque grass	G+B				N					
pika	215	B	N													
pika	216	[illegible]			1	EDS, grass	G+B				N	—	—	audio only		Y
AGS	216	—	—	—	—	—	—	—	—	—	—	40	70	[illegible]7	1	Y
AGS	216	—	—	—	—	—	—	—	—	—	—	40	40	8	1	Y
pika	217	B	N		1	DDS, EDS	G+B	tiny	bit of	(G)	N					

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Color: G=green, B=brown; Sample: Collected Y/N; Coin/Vial: feces in coin envelope or 1.5ml vial; Dist Veg and Veg Type: distance to Viereck III vegetation types; L=length, W=width, H=height(cm) of haypiles; Transect Bearing: compass reading for path of travel; Animal Bearing: compass reading to animals; Dist=distance(m) to animals with rangefinder; Count: #of animals detected; Audio(Y/N): if you hear an animal's call on site (you may not see it or know how far away).

Notes:

Collared Pika Surveys

Detection Datasheet

Site Code: MARMOT VALLEY	**Observer:** JW	**GPS ID:** 45
Date (yyyy-mm-dd): 2018-08-18	**Latitude** (dd):	**Longitude** (dd):
Start Time: 13:50	**End Time:**	**GPS Track:** 2018-08-18 PXXX-045
Temperature:	**Wind Speed:**	**Notes:**

Detection Data

		Feces			Haypile cm							Animal				Audio
Species	WP	Color (G/B)	Sample (Y/N)	Coin/ Vial	Dist Veg	Veg Type	Color (G/B)	Size (L)	Size (W)	Size (H)	Sample (Y/N)	Transect Bearing	Animal Bearing	Dist	Count	Y/N
PIKA	184	B	Y	C	3m	DDS	G	40	20	4	Y					
PIKA	185				1m	DDS	G+B	15	10	3	Y					
AGS?	185	B	Y	C												
AGS	186											132	132	10m	1	N
PIKA	187				1m	DDS	B				N					
Vole	188	B	Y	C												
PIKA	189	B	Y	C	0m	DDS/mossy rocks	G+B	40	30	4	Y					
PIKA	190											264	322	8m	1	Y

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP=waypoint; Color: G=green, B=brown; Sample: Collected Y/N; Coin/Vial: feces in coin envelope or 1.5ml vial; Dist Veg and Veg Type: distance to Viereck III vegetation types; L=length, W=width, H=height(cm) of haypiles; Transect Bearing: compass reading for path of travel; Animal Bearing: compass reading to animals; Dist=distance(m) to animals with rangefinder; Count=#of animals detected; audio(Y/N): if you hear an animal's call on site (you may not see it or know how far away).

Notes: