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Site Information

Site Code: P060	Observer: AD	GPS ID: U27
Date (yyyy-mm-dd): 2018-07-23	Latitude (dd):	Longitude (dd):
Start Time: 10:15	End Time: 15:00	GPS Track: 2018-07-23 P060 U27
Temperature: 25.8°C	Wind Speed: 1.3m/s	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	106	G, fresh	Y													
pika	107	B, old	N													
AGS	108	B, but fresh?	N			covered in moss										
unk	109	B	Y													
pika	110	B	N		10m	DDS	B, very old				N					
pika	111	B	N		5m	EDS+gram. B					N					
pika	112	B	N													
pika	113	B	N		1m	club moss + willow dwarf, brown					N					
	114	B	N													
	115	B	N													
	116	B	N		5m	DDS+gram. B, old					N					
	117	B, old	N		10m	" " G	Jeff collected				N					Y
	118	B, old	N		2m	DDS B					N					
	119	B	N													
pika	120															
	121	B	Y		1m	DDS+gram. (B)					N	65	65	22m	1	Y
	122				<0.5	club moss, DDS gram. G+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:

Site Information

Site Code: P060	Date (yyyy-mm-dd): 2018-07-23
Observer 1: AD	Observer 2: JW

Plot Cover

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

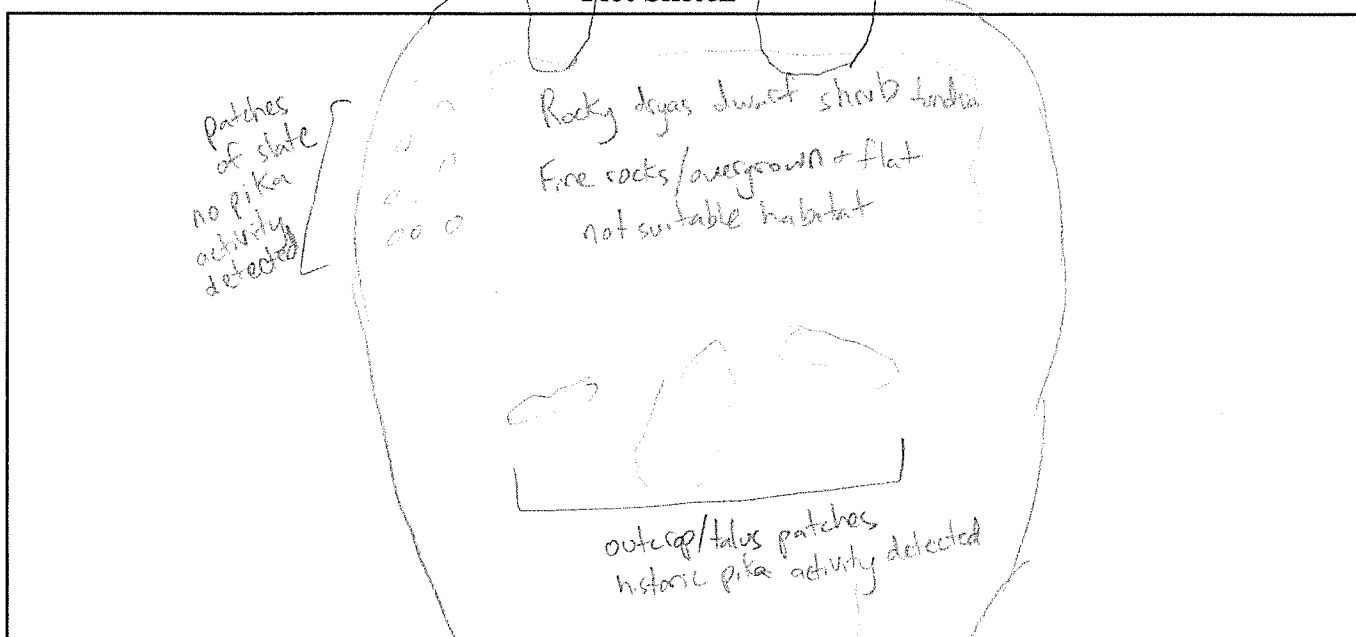
Category	Cover (%)	Distance to Nearest Talus (m)
Snow	_____	_____
Water: pond stream other	_____	_____
Low Shrub	2	5m
Talus	15	N/A

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	50		0
2	SDS	20		0
3	EDS	20		0
4	Grass	10		0
5				
6				

Plot Sketch



Collared Pika Surveys 2018

Vegetation Plot Field Datasheet

Site Information

Site Code: P0600		Date (yyyy-mm-dd): 2018-07-23		Plot Size (m): 10 x 10	
Observer 1: AD	Observer 2: JW	Waypoint: 112		GPS ID: 45	
Slope (°): 27	Aspect (°): 320	Scope:	Vascular: Highest cover	Cover Method: Semi-quant	
Vegetation Class: EDS			Non-vascular: none	Survey Method: Visual est.	
Distance to Nearest Talus (m): 2			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	41	0.55
Broadleaf	—	—
Tall Shrub (> 1.5 m)	—	—
Low Shrub (0.2 - 1.5 m)	1	25
Dwarf Shrub (< 0.2 m)	75	4cm
Forb	5	
Ferns/Allies	—	
Grasses (incl. rush and sedge)	10	
Moss	25	
Lichen	67	

Ground Form	Ground Cover (%)
Bare Ground	100% (100% bare ground)
Rock	5%
Water	100% (100% water)
Snow	100% (100% snow)

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%.

[illegible]

Detection Datasheet

Site Code: P042	Observer: JW	GPS ID: 45
Date (yyyy-mm-dd): 2018-07-17	Latitude (dd):	Longitude (dd):
Start Time: 10:00	End Time: 13:40	GPS Track: 2018-07-17 P042-V45
Temperature: 7°C	Wind Speed: 5.4 m/s	Notes:

[illegible]

Site Information

Notes:

Site Code: P042	Observer: AD	GPS ID: Unit 27
Date (yyyy-mm-dd): July 17 2018	Latitude (dd):	Longitude (dd):
Start Time: 10:41 AM	End Time: 13:40	GPS Track: 2018-07-17 P042 v27
Temperature: 7°C	Wind Speed: 5.4m/s	Notes:

Detection Data

very windy, hard to hear

		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	051	B	Y													
AGS?	051	B	Y													
pika	052	B	N													
pika	053				<0.5m	club moss, Bt same G carex, DS, diverse					Y					
	054					dwarf shrub					Z					
	055					DDS					Y					
	056					DDS + carex					Y					
pika	057	B	Y													
pika	058				<0.5m	moose gyminoid B					Z					
AGS?	059	B	Y													
pika	062											320	280	12m	1	Y
haypiles	060 062 063															
no fresh material + no feces nearby.																
vole?	060	B	N	very few pellets												
mouse-like																
AGS?	061	B	Y													
sheep?	064	B	N	in latrine.												

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).

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).

* may have confused w/ sheep/goat

PO42 on other side


Detection Datasheet

Site Information

Site Code: PO37	Observer: AD	GPS ID: Unit 27
Date (yyyy-mm-dd): 2018-07-18	Latitude (dd):	Longitude (dd):
Start Time: ~10:00 AM	End Time: 11:40 AM	GPS Track: 2018-07-18 PO37 U27
Temperature: XXXXXX 17.7°C	Wind Speed: 0.8 m/s	Notes:

Detection Data

[illegible]

Site Information no talus within plot boundary. expanded search to two nearby talus patches: WP 065 & WP 066. Found ^{old} signs (center pts) 

Notes:

Site Information

Site Code: P042	Date (yyyy-mm-dd): 2018-07-17
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).

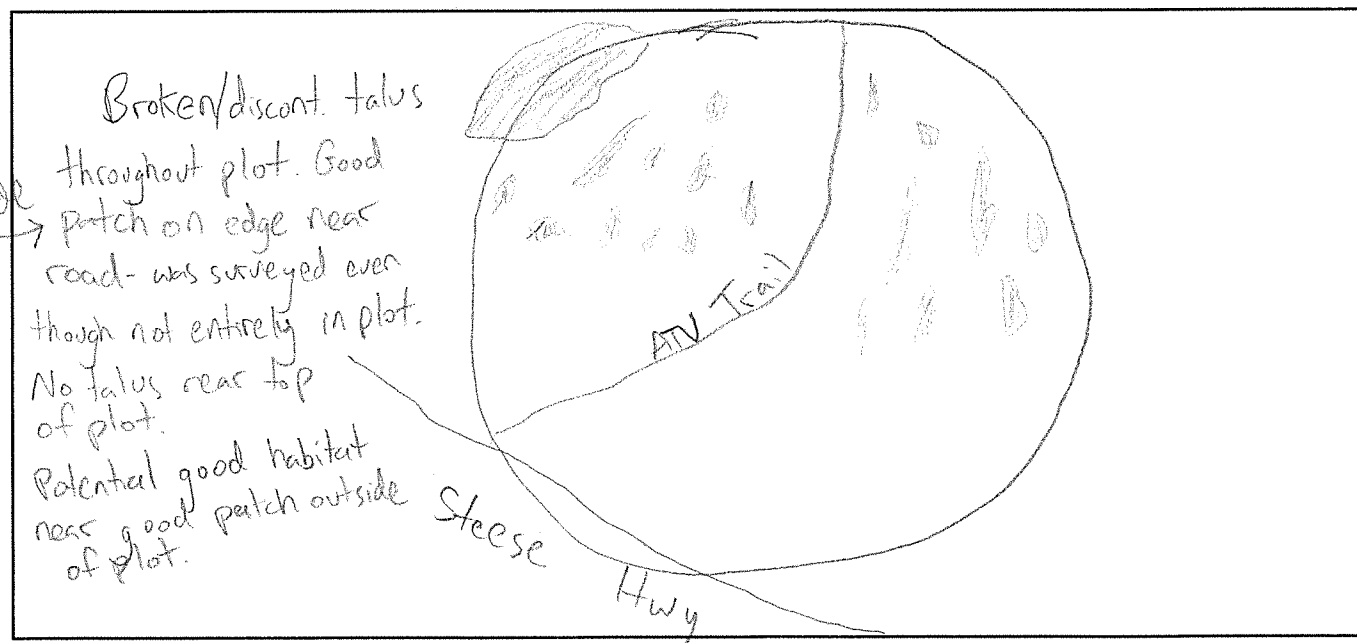
Category	Cover (%)	Distance to Nearest Talus (m)
Snow	0	—
Water: pond stream other	0	—
Low Shrub	1	5m
Talus	7	N/A

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 + Grass	80	Y	0m
2	EDS II: Vacc., Salix, Labrador t.	10	N	0-5m
3	Lichen	10	N	
4				
5				
6				

Plot Sketch



Collared Pika Surveys 2018

Vegetation Plot Field Datasheet

Site Information

Site Code: P042		Date (yyyy-mm-dd): 2018-07-17		Plot Size (m): 10 x 10	
Observer 1: JW	Observer 2: AD	Waypoint: 062 U45		GPS ID:	
Slope (°): 15	Aspect (°): 262	Scope:	Vascular: Highest cover	Cover Method: Semi-quant	
Vegetation Class: D0S (dryas dwarf)			Non-vascular: none	Survey Method: Visual est.	
Distance to Nearest Talus (m): 5			Lichen: none		

Broken/discont. talus

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)	0	
Dwarf Shrub (< 0.2 m)	75	8 cm
Forb	5	
Ferns/Allies	0	
Grasses (incl. rush and sedge)	10	
Moss	10	
Lichen	80	

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%.

[illegible]

Detection Datasheet

Site Code: P037	Observer: JW	GPS ID: 45
Date (yyyy-mm-dd): 2018-07-18	Latitude (dd):	Longitude (dd):
Start Time: 0945	End Time: 11:40 AM	GPS Track: 2018-07-18 P037-U45
Temperature: 17.7°C	Wind Speed: 0.8 m/s	Notes:

[illegible]

Site Information

Notes:

Site Information

Site Code: P037	Date (yyyy-mm-dd): 2018-07-18
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).

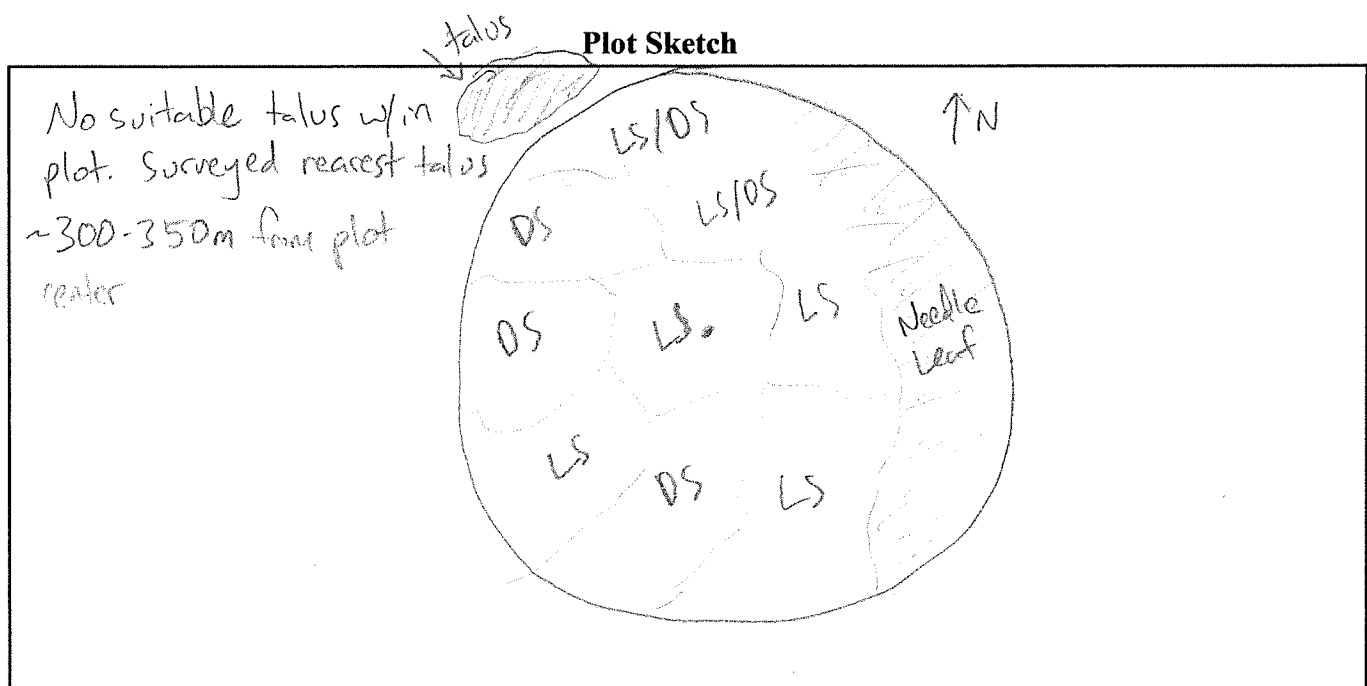
Category	Cover (%)	Distance to Nearest Talus (m)
Snow	0	
Water: pond stream other	0	
Low Shrub		
Talus (largely overgrown, few small patches of rocks)	2	N/A

~~50m Radius~~ For entire plot (no talus present)

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	Salix (LS-001) Closed low shrub	75	Y	1m (surveyed outside plot)
2	Dryas / Gracassious DS	15	Y	1m (surveyed outside plot)
3	Needle leaf trees present (scattered)	10	N	
4				
5				
6				

Plot Sketch



Collared Pika Surveys 2018

Vegetation Plot Field Datasheet

Site Information

Site Code: P037		Date (yyyy-mm-dd): 2018-07-18		Plot Size (m): 10 x 10	
Observer 1: JW		Observer 2: AD		Waypoint: 067	
Slope (°): 12		Aspect (°): 341		GPS ID: 45	
Vegetation Class: EDS		Scope:	Vascular: Highest cover		Cover Method: Semi-quant
Distance to Nearest Talus (m): 1m (discont talus)			Non-vascular: none		Survey Method: Visual est.
			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)	0	—
Dwarf Shrub (< 0.2 m)	70	5cm
Forb	5	
Ferns/Allies	0	
Grasses (incl. rush and sedge)	15	
Moss	35	
Lichen	55	

Ground Form	Ground Cover (%)
Bare Ground	_____
Rock	3
Water	_____
Snow	_____

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%.

[illegible]

Collared Pika Surveys 2018

Vegetation Plot Field Datasheet

Site Information

Site Code: P037		Date (yyyy-mm-dd): 2018-07-18		Plot Size (m): 10 x 10	
Observer 1: JW		Observer 2: AD		Waypoint: 066	
Slope (°): 25		Aspect (°): 4		GPS ID: 45	
Vegetation Class: Closed low shrub		Scope:	Vascular: Highest cover		Cover Method: Semi-quant
Distance to Nearest Talus (m): 1m (discont. talus)			Non-vascular: none		Survey Method: Visual est.
			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	41	0.25
Broadleaf	0	—
Tall Shrub (> 1.5 m)	0	—
Low Shrub (0.2 - 1.5 m)	75	
Dwarf Shrub (< 0.2 m)	85	
Forb	45	
Ferns/Allies	—	
Grasses (incl. rush and sedge)	17	
Moss	50	
Lichen	60	

Ground Form	Ground Cover (%)
Bare Ground	—————
Rock	10
Water	—————
Snow	—————

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%.

[illegible]

Site Information

Site Code: P047	Date (yyyy-mm-dd): 2018-07-19
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		
Low Shrub		
Talus		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				
2				
3				
4				
5				
6				

Plot Sketch

Would require stream crossing. No visible talus - low elevation (~697m).
Private land - check land ownership.

Site Code: P038	Observer: AD	GPS ID: 27
Date (yyyy-mm-dd): 2018-07-20	Latitude (dd):	Longitude (dd):
Start Time: 11:45	End Time: 14:20	GPS Track: 2018-07-20 P38 U27
Temperature: 10.3°C	Wind Speed: 3.9 m/s	Notes: didn't hear or see pika

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	081	—	—	—	0.5m	DDS, club moss, Eriophorum	B				N						
vole?	081	B	N														
pika	081	Bold	N														
vole?	082	B	N														
pika+vole	083	B	N														
pika	083				1.5m	DDS+EDS	B, old	Haypile			WY						
↓	084	B, old	N														
	085	B, old	Y														
marmot	085	B	Y														
pika	085				1m	DDS, club moss, sedge	B, old	Nuge!			N						
"	086				0	"	B, old				N						
"	087	B, old	N														
"	088	—	—	—	0	DDS, club moss, sedge	B, old				N						
pika	089	B, old	Y														
"	090	—	—	—	1.5	DDS+club	B				N						
"	091				0.5	club, gram.	B				N						
pika+vole?	091	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).

Detection Datasheet

Site Code: P038	Observer: JW	GPS ID: 45
Date (yyyy-mm-dd): 2018-07-20	Latitude (dd):	Longitude (dd):
Start Time: 11:45	End Time: 14:28	GPS Track: 2018-07-20 P038-V45
Temperature: 10.3°C	Wind Speed: 3.9 m/s	Notes:

[illegible]

Species: pika, marmot, AGS, vole, bl. or br. bear, 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 range finder; 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).

Live pika detected ~ 360m from plot center to SE (WP 086)

Notes:

Site Information

Site Code: P038	Date (yyyy-mm-dd): 2018-07-20
Observer 1: AD	Observer 2: JW

Plot Cover

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

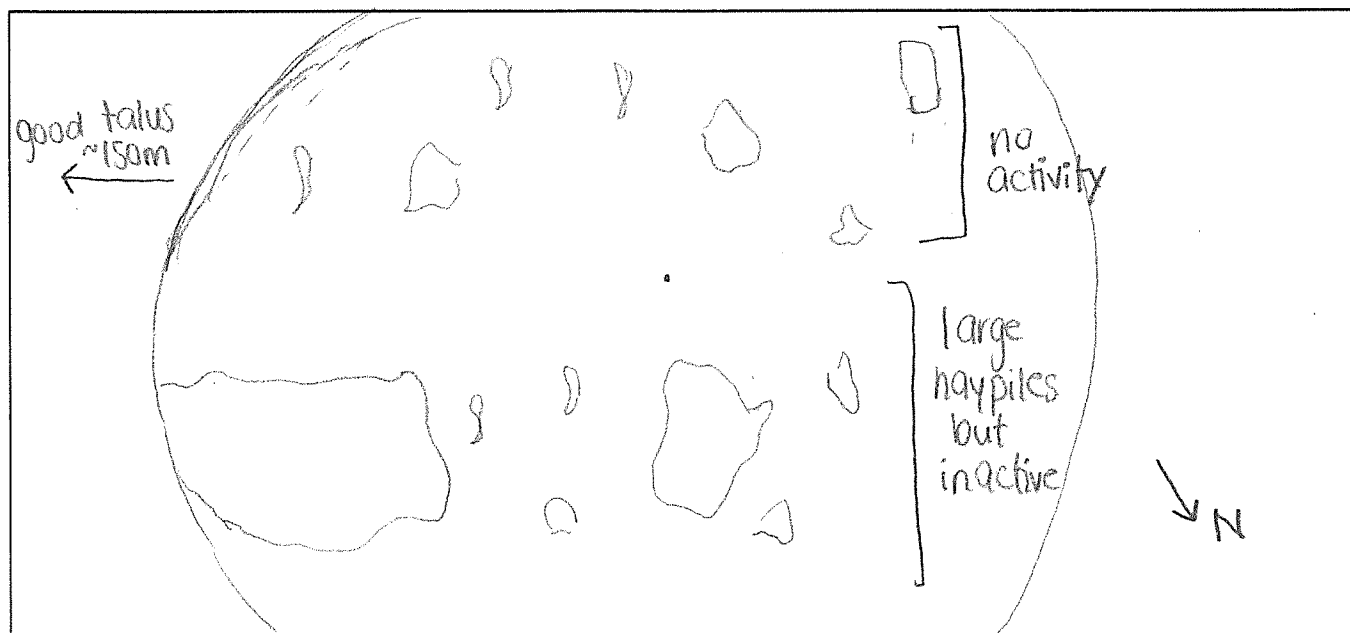
Category	Cover (%)	Distance to Nearest Talus (m)
Snow	—	—
Water: pond stream other	—	—
Low Shrub	2	0m (very small patches only)
Talus	30	N/A

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	? nothing dominant... veg. is			
2	50/50 mix EDS/DDS w/ club			
3	moss, grass mixed in-			
4	dom. sp.: lingonberry, lab. tea, dryas (ajacensis?), Carex, clubmoss, grass...			
5	lichen	15	N	0
6				

Plot Sketch



Detection Datasheet

Site Code:	P039	Observer:	AD	GPS ID:	427
Date (yyyy-mm-dd):	2018-07-21	Latitude (dd):		Longitude (dd):	
Start Time:	9:25	End Time:	10:50	GPS Track:	2018-07-21 P039 427
Temperature:	16.3°C	Wind Speed:	1.7 m/s	Notes:	nothing found

[illegible]

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; 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:

Site Information

Site Code: P039	Date (yyyy-mm-dd): 2018-07-21
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).

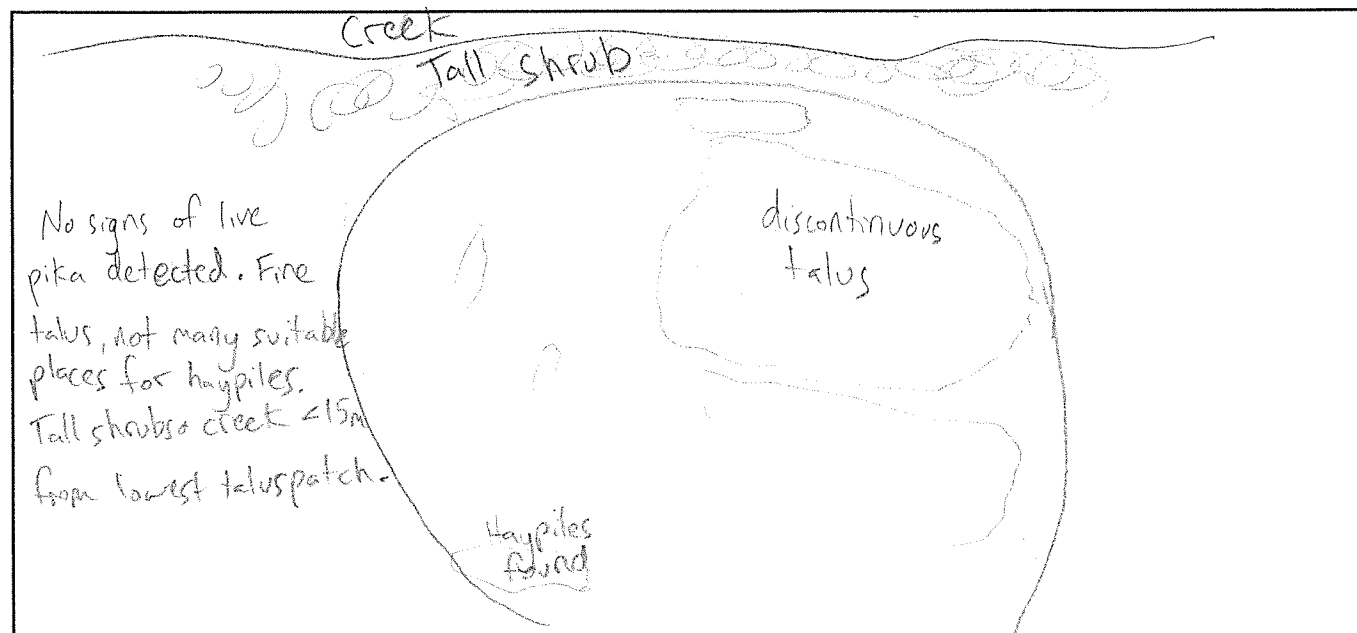
Category	Cover (%)	Distance to Nearest Talus (m)
Snow	0	
Water: pond stream other	0	
Low Shrub	1	60
Talus	25	N/A

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	EDS	75		0m
2	DDS	10		0
3	Lichen	50		0
4				
5				
6				

Plot Sketch



Collared Pika Surveys 2018

Vegetation Plot Field Datasheet





Site Information

Site Code: P039		Date (yyyy-mm-dd): 2018-07-21		Plot Size (m): 10 x 10	
Observer 1: AD		Observer 2: JW		Waypoint: 095	
Slope (°): 11		Aspect (°): 330		GPS ID: 45	
Vegetation Class: EDS/Lichen		Scope:	Vascular: Highest cover		Cover Method: Semi-quant
Distance to Nearest Talus (m): 20			Non-vascular: none		Survey Method: Visual est.
			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)	41	20cm
Dwarf Shrub (< 0.2 m)	60	4cm
Forb	7	
Ferns/Allies	9	
Grasses (incl. rush and sedge)	25	
Moss	40	
Lichen	60	

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

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%.

[illegible]

Detection Datasheet

Site Information

Site Code: P051	Observer: JW	GPS ID: 45
Date (yyyy-mm-dd): 2018-07-19	Latitude (dd):	Longitude (dd):
Start Time: 12:45	End Time: 16:10	GPS Track: 2018-07-19 P051-045
Temperature: 9.5°C	Wind Speed: 5.1 m/s	Notes:

Detection Data

[illegible]

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; 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:

Detection Datasheet

Site Code: POS1	Observer: AD	GPS ID: 27
Date (yyyy-mm-dd): 2018-07-19	Latitude (dd):	Longitude (dd):
Start Time: 13:05	End Time: 16:10	GPS Track: 2018-07-19 POS1 U27
Temperature: 9.5°C	Wind Speed: 5.1 m/s	Notes: saw rock ptarm. on ptarm.

[illegible]

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; 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 range finder; 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).

Site Information

Notes:

Site Information

Site Code: P051	Date (yyyy-mm-dd): 2018-07-19
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).

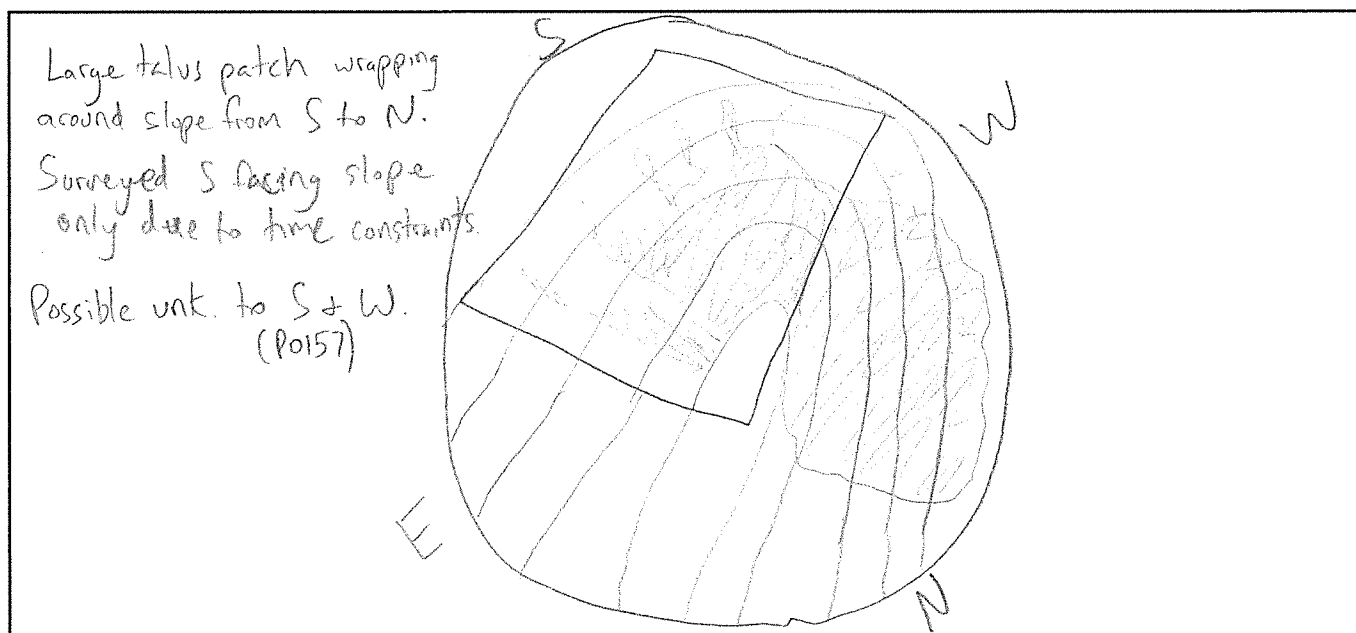
Category	Cover (%)	Distance to Nearest Talus (m)
Snow	0	
Water: pond stream other	0	
Low Shrub	5	
Talus	75	N/A

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 w/grass	80		0m
2	EDS	15		0m
3	Low Shrub	5		0m
4				
5				
6				

Plot Sketch



Detection Datasheet

Site Code: P153 (Adjusted)	Observer: JW	GPS ID: 45
Date (yyyy-mm-dd): 2018-07-24	Latitude (dd):	Longitude (dd):
Start Time: 1100	End Time: 12:10 PM	GPS Track: 2018-07-24 P153-U45
Temperature: 25.8°C	Wind Speed: 1.2 m/s	Notes:

[illegible]

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; 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 range finder; 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:

Detection Datasheet

Site Code: P153 (adjusted)	Observer: AD	GPS ID: U27
Date (yyyy-mm-dd): 2018-07-24	Latitude (dd):	Longitude (dd):
Start Time: 11:00 AM	End Time: 12:10 PM	GPS Track: 2018-07-24 P153 U27
Temperature: 25.8 °C	Wind Speed: 1.2 m/s	Notes: nothing heard or seen

[illegible]

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; 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

Vegetation Plot Field Datasheet

Site Information

Site Code: P153		Date (yyyy-mm-dd): 2018-07-24		Plot Size (m): 10 x 10	
Observer 1: AD	Observer 2: JW		Waypoint: 115		GPS ID: 45
Slope (°): 5	Aspect (°): 258		Scope:	Vascular: Highest cover	Cover Method: Semi-quant
Vegetation Class: WDS		Non-vascular: none		Survey Method: Visual est.	
Distance to Nearest Talus (m): 7		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	41	0.5
Broadleaf	—	—
Tall Shrub (> 1.5 m)	—	—
Low Shrub (0.2 - 1.5 m)	2	20cm
Dwarf Shrub (< 0.2 m)	90	5cm
Forb	45	
Ferns/Allies	0	
Grasses (incl. rush and sedge)	7	
Moss	40	
Lichen	70	

Ground Form	Ground Cover (%)
Bare Ground	—
Rock	10
Water	—
Snow	—

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%.

[illegible]

Site Information

Site Code: P153 (Adjusted)	Date (yyyy-mm-dd): 2018-07-24
Observer 1: AD	Observer 2: JW

moved plot 1km NE b/c shitty talus @ original location

Plot Cover

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

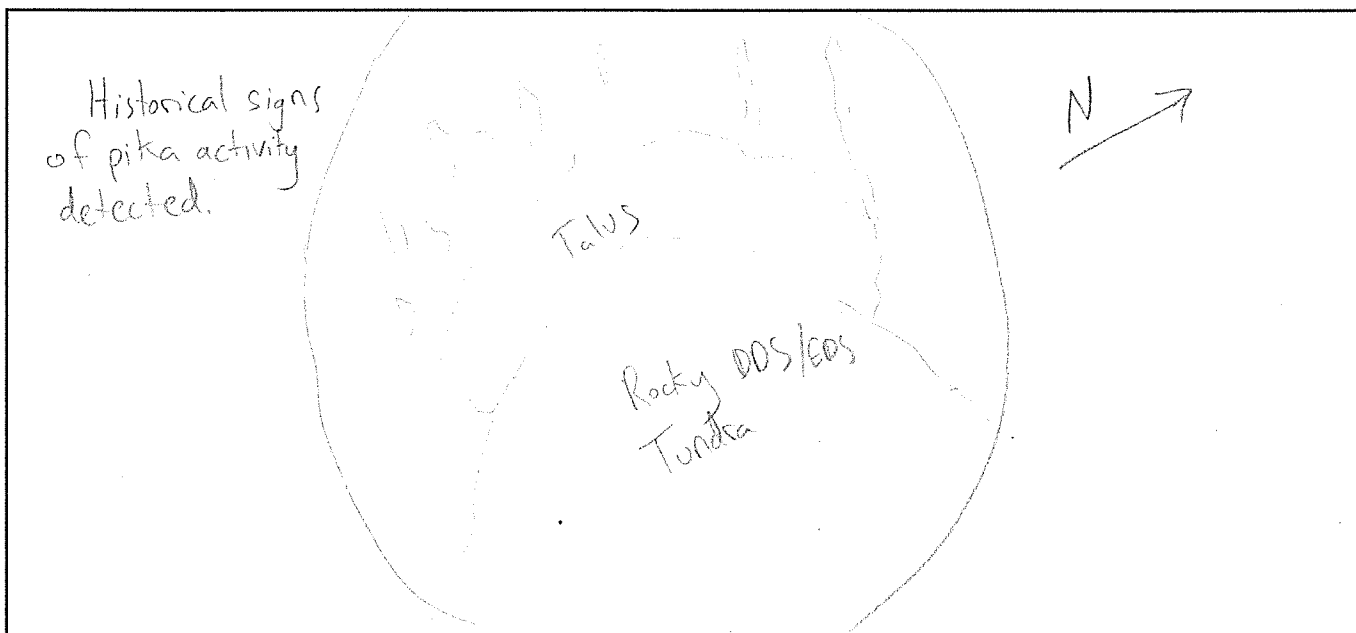
Category	Cover (%)	Distance to Nearest Talus (m)
Snow	—	—
Water: pond stream other	—	—
Low Shrub	1%	2m
Talus	10%	N/A

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	DOS	30		0
2	EDS	65		0
3	WDS	5		0
4				
5				
6				

Plot Sketch



Site Information

Site Code: P157	Observer: JW	GPS ID: 45
Date (yyyy-mm-dd): 2018-07-22	Latitude (dd):	Longitude (dd):
Start Time: 10:30	End Time: 14:55	GPS Track: 2018-07-22 P157-445
Temperature: 24.1°C	Wind Speed: 0.3m/s	Notes:

Detection Data

[illegible]

Notes:

Collared Pika Surveys

Detection Datasheet

Site Code: P157	Observer: AD	GPS ID: 27
Date (yyyy-mm-dd): 2018-07-22	Latitude (dd):	Longitude (dd):
Start Time: 10:35 AM	End Time: 14:55	GPS Track: 2018-07-22 P157 U27
Temperature: 24.1°C	Wind Speed: 0.3 m/s	Notes:

Detection Data

Species		WP	Feces			Haypile							Animal				Audio
			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
vole?		097	B	N													
↓		098	↓	↓													
		099															
pika		100	—	—	—	10m	DDS	B	v. old, depleted			N					
pika		100	B	N	v. old												
pika		101	—	—	—	>10m	EDS	B	v. old			N					
pika		101	B	N	v. old												
pika		102	—	—	—	<0.5m	EDS	B	v. old			N					
pika		102	B	N	v. old												
unk		103	B	Y													
marmot		104	B	N													
pika		105	B	N													
pika		105	—	—	—	10m	EDS	B	v. old			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).

nothing fresh, none seen or heard

Notes:

Site Information

Site Code: P157	Date (yyyy-mm-dd): 2018-07-22
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).

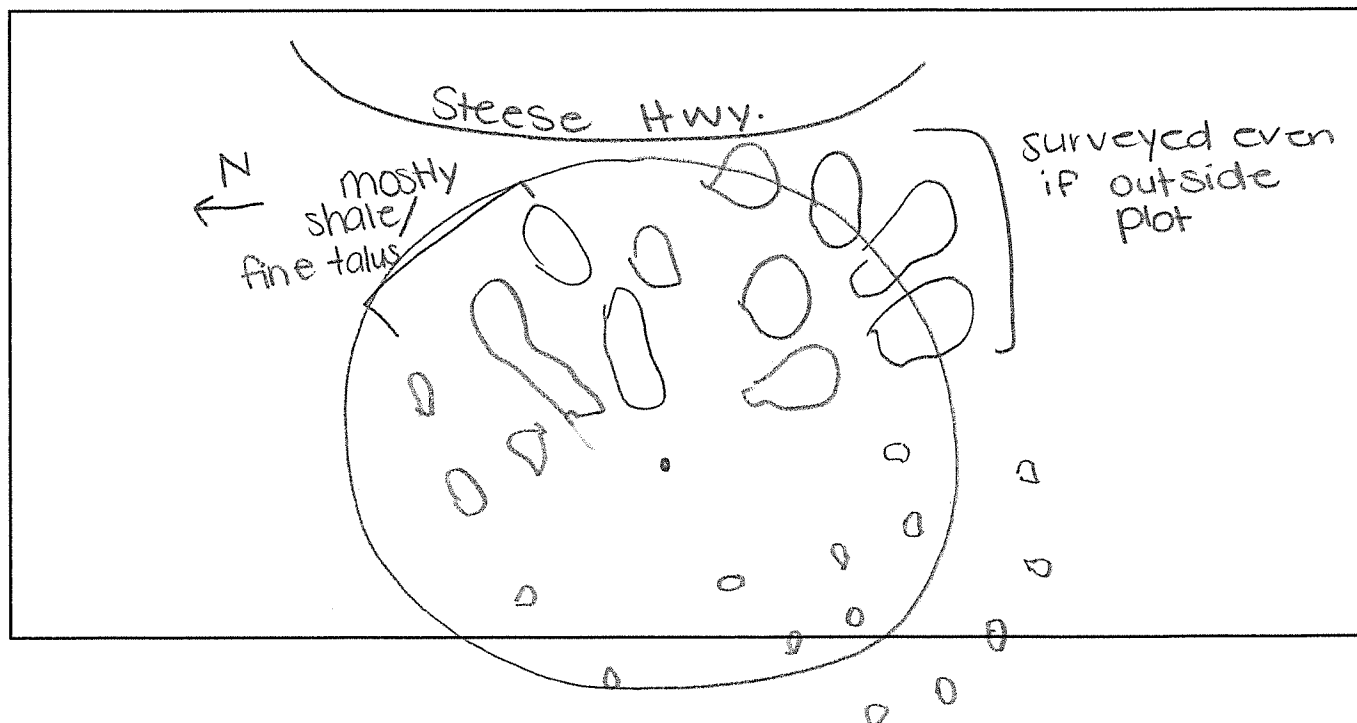
Category	Cover (%)	Distance to Nearest Talus (m)
Snow	0	
Water: pond stream other	0	
Low Shrub	15	0
Talus	20	N/A

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	10	Y	0
2	EDS	60	N	0
3	WDS	15	Y	0
4	closed low shrub	10	N	0
5	high presence of lichen			
6	across entire plot			

Plot Sketch



Collared Pika Surveys 2018

Vegetation Plot Field Datasheet

Site Information

Site Code: P157		Date (yyyy-mm-dd): 2018-07-22		Plot Size (m): 10 x 10	
Observer 1: AD	Observer 2: JW	Waypoint: 099		GPS ID: 45	
Slope (°): 20	Aspect (°): 30	Scope:	Vascular: Highest cover	Cover Method: Semi-quant	
Vegetation Class: DDS			Non-vascular: none	Survey Method: Visual est.	
Distance to Nearest Talus (m): 0			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	41%	0.5
Broadleaf	—	—
Tall Shrub (> 1.5 m)	—	—
Low Shrub (0.2 - 1.5 m)	41	0.31
Dwarf Shrub (< 0.2 m)	80	0.045
Forb	7	
Ferns/Allies	0	
Grasses (incl. rush and sedge)	17	
Moss	20	
Lichen	60	

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

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%.

[illegible]

Collared Pika Surveys 2018

Vegetation Plot Field Datasheet

Site Information

Site Code: P157		Date (yyyy-mm-dd): 2018-07-22		Plot Size (m): 10 x 10	
Observer 1: AD	Observer 2: JW	Waypoint: 100		GPS ID: 45	
Slope (°): 20	Aspect (°): 28	Scope:	Vascular: Highest cover	Cover Method: Semi-quant	
Vegetation Class: Salix dwarf shrub?			Non-vascular: none	Survey Method: Visual est.	
Distance to Nearest Talus (m): 15			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	41	17cm
Broadleaf	—	—
Tall Shrub (> 1.5 m)	—	—
Low Shrub (0.2 - 1.5 m)	41	0.5
Dwarf Shrub (< 0.2 m)	85	4
Forb	5	
Ferns/Allies	—	
Grasses (incl. rush and sedge)	15	
Moss	5	
Lichen	15	

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

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%.

[illegible]