## Site Information — Collared Pika Surveys — Detection Datasheet

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| **Site Code:** P100 | **Observer:** JA | **GPS ID:** 45 |
| **Date (yyyy-mm-dd):** 2019-08-08 | **Start Time:** 15:40 | **End Time:** 17:38 |
| **Temperature:** | **Precip:** | **Wind Speed:** |
| **Notes:** 2018-08-08 17:38:12 P100 45 | | |

## Detection Data

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | 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 | 064 | O | N | 1m | EDS | B | | | | N | | | | | |
| PIKA | 065 | F | Y | 1 | EDS | G+B | 10 | 5 | 1 | N | | | | | |
| PIKA | 066 | | | 3 | EDS | G+B | 100 | 30 | 10 | Y | 238 | 250 | 2 | 1 | Y |
| PIKA | 067 | O | N | | | | | | | | | | | | |
| PIKA | 068 | F | Y | 1 | Feca | G+B | 85 | 20 | 4 | N | 196 | 202 | 35 | 1 | Y |
| PIKA | 069 | O | N | 1 | EDS | B | | | | N | | | | | |
| PIKA | 070 | | | | | | | | | | 194 | 344 | 11.5 | 1 | Y |
| PIKA | 071 | | | 26 | EDS | G+B | 30 | 25 | 5 | N | Rocks collapsed | | | | |
| PIKA | 072 | | | | | | | | | | 34 | 100 | 41 | 1 | N |
| PIKA | 073 | O | N | 5 | EDS | B/G | 105 | 60 | 14 | N | | | | | |
| PIKA | 074 | | | | | | | | | | 198 | 212 | 6.5 | 1 | N |
| PIKA | 075 | O | N | 8 | EDS | B | | | | N | | | | | |
| PIKA | 076 | O | N | 8 | EDS | B | | | | N | | | | | |
| PIKA | 077 | | | 5 | EDS | G+B | 45 | 30 | 12 | N | | | | | |
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Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

**Site Information** **Collared Pika Surveys** **Detection Datasheet**

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|---|---|---|
| **Site Code:** PG04 | **Observer:** JW | **GPS ID:** U45 |
| **Date (yyyy-mm-dd):** 2019-08-07 | **Start Time:** 11:40 | **End Time:** 15:32 |
| **Temperature:** 20.9°C **Precip:** N | **Wind Speed:** 2.0 m/s | **GPS Track (Default_SiteCode_GPSID):** 2019-08-07 16:32:12 PG04 45 |
| **Notes:** | | |

**Detection Data**

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | 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 | 045 | | | | | | | | | | 66 | 74 | 21.5 | 1 | Y |
| PIKA | 046 | F | Y | 5m | EOS | G+B | 75 | 25 | 6 | Y | | | | | |
| PIKA | 047 | | | | | | | | | | 58 | 144 | 8 | 1 | Y |
| PIKA | 048 | | | 10m | DGH | G+B | 60 | 30 | 4 | Y | | | | | |
| PIKA | 053 | | | | | | | | | | 112 | 144 | 0.5 | 1 | N |
| PIKA | 054 | O | N | 5m | EOS | B | | | | N | | | | | |
| PIKA | 055 | F | Y | [illegible] | [illegible] | G+B | 40 | 25 | 8 | Y | | | | | N |
| PIKA | 056 | | | | | | | | | | 44 | 20 | 4 | 1 | Y |
| PIKA | 057 | F | N | 10 | BSH/KB | G+B | 140 | 50 | 15 | N | | | | | |
| PIKA | 058 | F | N | 15.0 | OLS | G+B | 35 | 30 | 6 | Y | | | | | |
| PIKA | 059 | O | N | 5m | DDS | B | | | | N | | | | | |
| AGS | 060 | | | | | | | | | | 342 | 118 | 8m | 1 | N |
| PIKA | 061 | O | N | 10 | EOS | B | | | | N | | | | | |
| PIKA | 062 | F | N | 20 | DGH | G+B | 20 | 15 | 4 | N | 242 | 286 | 10.0 | 1 | Y |
| PIKA | 063 | F | N | 15 | EOS | G+B | 30 | 20 | 5 | N | 234 | 234 | 23.0 | 1 | Y |

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

## Site Information — Collared Pika Surveys — Detection Datasheet

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| **Site Code:** JB01 | **Observer:** JW | **GPS ID:** 45 | |
| **Date (yyyy-mm-dd):** 2019-08-19 | **Latitude** (dd): | **Longitude** (dd): | |
| **Start Time:** 13:15 | **End Time:** 16:19 | **GPS Track:** 2019-08-19 16:19:14 JB01 45 | |
| **Temperature:** 14.7°C **Precip:** NA | **Wind Speed:** 1.2 m/s | **Notes:** | |

## Detection Data

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | 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 | 094 | O | N | 24.0 | DGH | B | | | | N | | | | | |
| PIKA | 095 | O | N | 10.0 | DGH | B | | | | N | | | | | |
| PIKA | 096 | O | N | 8.0 | EDS | B | | | | N | | | | | |
| PIKA | 097 | O | N | 1.0 | EDS | B | | | | N | | | | | |
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Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

## Site Information — Collared Pika Surveys — Detection Datasheet

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|---|---|---|---|
| **Site Code:** JB02 | | **Observer:** JW | **GPS ID:** 45 |
| **Date (yyyy-mm-dd):** 2019-08-20 | | **Latitude** (dd): | **Longitude** (dd): |
| **Start Time:** 13:00 | | **End Time:** 17:22 | **GPS Track:** 2019-08-20 17:22:32 JB02 45 |
| **Temperature:** 10.6 | **Precip:** | **Wind Speed:** 1.6 m/s | **Notes:** |

## Detection Data

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | 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 | 099 | | | | | | | | | | 194 | 178 | 10.0 | 1 | N |
| PIKA | 100 | F | Y | 6 | DGH | G+B | 100 | 30 | 8 | Y | | | | | |
| PIKA | 101 | | | | | | | | | | 14 | 2 | 26.5 | 1 | N |
| PIKA | 102 | O | N | 3 | EDS | B | | | | N | | | | | |
| PIKA | 103 | O | N | 1 | EDS | B | | | | N | | | | | |
| PIKA | 104 | F | Y | 1 | DGH | G | 75 | 30 | 12 | Y | | | | | |
| PIKA | 105 | O | N | 1 | mix | B | | | | N | | | | | |
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Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

**Site Information** **Collared Pika Surveys** **Detection Datasheet**

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|---|---|---|---|
| **Site Code:** P148 | | **Observer:** JW | **GPS ID:** 95 |
| **Date (yyyy-mm-dd):** 2019-08-11 | | **Start Time:** 14:00 | **End Time:** 14:41 |
| **Temperature:** | **Precip:** | **Wind Speed:** | **GPS Track** (Default_SiteCode_GPSID): |
| **Notes:** 2019-08-11 14:41:07 P148 95 | | | |

**Detection Data**

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | 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 | 087 | — | — | 8 | DGH EDS | G+B | 40 | 20 | 6 | Y | 282 | 242 | 24.0 | 1 | Y |
| PIKA | 086 | — | — | 1 | Lichen | B | — | — | — | N | — | — | — | — | — |
| PIKA | 089 | — | — | 1 | DGH EDS | B | — | — | — | N | — | — | — | — | — |
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Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

**Site Information** | **Collared Pika Surveys** | **Detection Datasheet**

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|---|---|---|
| **Site Code:** PL12 | **Observer:** VW | **GPS ID:** 45 |
| **Date (yyyy-mm-dd):** 2019-08-10 | **Start Time:** 14:35 | **End Time:** 15:53 |
| **Temperature:** | **Precip:** | **Wind Speed:** |
| **Notes:** | 2019-08-10 15:53:10 PL12 45 | |

**Detection Data**

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | 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 | 083 | | | | | | | | | | 224 | 296 | 21.0 | 1 | Y |
| PIKA | 084 | O | N | 7 | EDS | B+G | ~~60~~ | ~~40~~ | ~~6~~ | ~~N~~ Y | | | | | |
| PIKA | 085 | O | N | 3 | OLS | B | | | | N | | | | | |
| PIKA | 086 | | | 3 | EDS | G+B | 45 | 25 | 5 | Y | | | | | |

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

**Site Information** **Collared Pika Surveys** **Detection Datasheet**

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| **Site Code:** P618 | | **Observer:** JW | **GPS ID:** 45 |
| **Date (yyyy-mm-dd):** 2019-08-09 | | **Start Time:** 14:45 | **End Time:** 15:38 |
| **Temperature:** | **Precip:** | **Wind Speed:** | **GPS Track** (Default_SiteCode_GPSID): 2019-08-09 15:38:03 P618 |
| **Notes:** | | | 45 |

**Detection Data**

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | 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 | 078 | F | Y | 2 | EOS | G/B | 30 | 15 | 4 | Y | | | | | |
| PIKA | 079 | O | N | 5 | EOS | B/G | 15 | 10 | 3 | N | | | | | |
| PIKA | 080 | F | | 2 | EOS | B/G | 75 | 30 | 6 | Y | | | | | |
| PIKA | 081 | | | | | | | | | | 352 | 324 | 25.5 | 1 | Y |
| PIKA | 082 | O | N | | | | | | | | | | | | |
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Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

**Site Information** **Collared Pika Surveys** **Detection Datasheet**

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|---|---|---|---|
| **Site Code:** P617 | | **Observer:** JW | **GPS ID:** 45 |
| **Date (yyyy-mm-dd):** 2019-08-01 | | **Start Time:** 10:50 | **End Time:** 12:30 |
| **Temperature:** | **Precip:** | **Wind Speed:** | **GPS Track** (Default_SiteCode_GPSID): 2018-08-01 13:29:15 P617 45 |
| **Notes:** | | | |

**Detection Data**

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | 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 | 040 | F | Y | 10m | EOS | G+B | 50 | 20 | 3 | Y | 344 | 208 | 15.5 | 1 | Y |
| PIKA | 041 | | | 1m | EOS | G | 5 | 3 | 1 | N | | | | | |
| AGS | 042 | F | Y | | | | | | | | | | | | |
| PIKA | 043 | O | N | 2m | EOS | B | | | | N | | | | | |
| PIKA | 044 | O | N | | | | | | | | | | | | |
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Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

**Site Information** | **Collared Pika Surveys** | **Detection Datasheet**

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|---|---|---|
| **Site Code:** PG16 | **Observer:** JW | **GPS ID:** 45 |
| **Date (yyyy-mm-dd):** 2019-07-31 | **Start Time:** 11:15 | **End Time:** 11:38 |
| **Temperature:** 15.2 | **Precip:** N | **Wind Speed:** 0.5 m/s |
| **Notes:** 2019-07-31 11:38:41 PG16 45 | | |

**Detection Data**

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | Dist Veg | Veg Type | Color (G/B) | Size (L) | Size (W) | Size (H) | Sample (Y/N) | Transect Bearing | Animal Bearing | Dist | Count | Y/N |
| MARMOT | 038 | | | | | | | | | | 62° | 62° | 465 | 1 | N |
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Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

**Site Information** | **Collared Pika Surveys** | **Detection Datasheet**

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|---|---|---|
| **Site Code:** P615 | **Observer:** JW | **GPS ID:** 45 |
| **Date (yyyy-mm-dd):** 2019-07-29 | **Start Time:** 12:05 | **End Time:** 13:16 |
| **Temperature:** 8°C | **Precip:** | **Wind Speed:** 1.1 m/s |
| **Notes:** 2019-07-29 13:16:03 P615 45 | | |

**Detection Data**

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | Dist Veg | Veg Type | Color (G/B) | Size (L) | Size (W) | Size (H) | Sample (Y/N) | Transect Bearing | Animal Bearing | Dist | Count | Y/N |
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Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

**Site Information** | **Collared Pika Surveys** | **Detection Datasheet**

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|---|---|---|
| **Site Code:** P616 | **Observer:** JW | **GPS ID:** 45 |
| **Date (yyyy-mm-dd):** 2019-07-31 | **Start Time:** 11:15 | **End Time:** 11:38 |
| **Temperature:** 15.2 | **Precip:** N | **Wind Speed:** 0.5 m/s |
| **Notes:** 2019-07-31 11:38:47 P616 45 | | |

**Detection Data**

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | Dist Veg | Veg Type | Color (G/B) | Size (L) | Size (W) | Size (H) | Sample (Y/N) | Transect Bearing | Animal Bearing | Dist | Count | Y/N |
| MARMOT | 036 | | | | | | | | | | 62° | 62° | 465 | 1 | N |
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Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

**Site Information** **Collared Pika Surveys** **Detection Datasheet**

| | | |
|---|---|---|
| **Site Code:** P609 | **Observer:** JW | **GPS ID:** 45 |
| **Date (yyyy-mm-dd):** 2019-07-26 | **Start Time:** 13:[illegible] | **End Time:** |
| **Temperature:** 14.5°C | **Precip:** | **Wind Speed:** 1.1 m/s |
| **Notes:** | | |

**Detection Data**

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | 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 | 035 | O | N | 5m | CLS | B | | | | N | | | | | |
| PIKA | 036 | | | | | | | | | | 108° | 130° | 36.5 | 1 | Y |
| PIKA | 037 | O | N | 5m | EOS | B | | | | N | | | | | |
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Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

**Site Information** **Collared Pika Surveys** **Detection Datasheet**

| | | |
|---|---|---|
| **Site Code:** PIII | **Observer:** JW | **GPS ID:** |
| **Date (yyyy-mm-dd):** 2019-07-25 | **Start Time:** 09:45 | **End Time:** |
| **Temperature:** 13.0 | **Precip:** Light rain | **Wind Speed:** 2.2 |
| **Notes:** | | |

**Detection Data**

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | 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 | 030 | | | | | | | | | | 264° | 192° | 4m | 1 | Y |
| PIKA | 031 | F | N | 4m | 60% Willow | G+B | 20 | 10 | 5 | N | | | | | |
| PIKA | 032 | | | | | | | | | | 280° | 280° | 18.5 | 1 | Y |
| PIKA | 033 | F | N | 2m | 60% Willow | G | 150 | 100 | 20 | N | | | | | |
| PIKA | 034 | O | N | 2m | 90% Willow | B | | | | N | | | | | |
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Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

**Site Information** **Collared Pika Surveys** **Detection Datasheet**

| | | |
|---|---|---|
| **Site Code:** PIII | **Observer:** JW | **GPS ID:** 45 |
| **Date (yyyy-mm-dd):** 2019-07-25 | **Start Time:** 09:45 | **End Time:** |
| **Temperature:** 13.0°C | **Precip:** N | **Wind Speed:** 2.2 m/s |
| **Notes:** | | |

**Detection Data**

| | | Feces | | Haypile cm | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | 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 | 016 | F | Y | 0m | EOS/grass | G+B | 10 | 20 | 2 | Y | | | | | |
| PIKA | 017 | F | Y | 8m | EOS | G+B | 15 | 10 | 4 | Y | | | | | |
| VOLE | 017 | F | Y | | | | | | | | | | | | |
| PIKA | 018 | F | N | 10m | EOS | G+B | 10 | 8 | 2 | N | | | | | |
| PIKA | 019 | F | Y | 5m | EOS | G+B | 60 | 40 | 6 | Y | | | | | |
| PIKA | 020 | O | N | 10m | EOS/grass | B | | | | N | | | | | |
| PIKA | 021 | O | N | 0m | EOS | B | | | | N | | | | | |
| PIKA | 022 | F | N | 8m | EOS | G+B | 5 | 3 | 1 | N | | | | | |
| PIKA | 023 | O | N | 0m | EOS/grass | B | | | | N | | | | | |
| PIKA | 024 | F | N | 16.5 | EOS | G+B | 10 | 6 | 3 | N | | | | | |
| PIKA | 025 | O | N | 6m | EOS | B | | | | N | | | | | |
| PIKA | 026 | | | | | | | | | | 104° | 20° | 30.5 | 1 | Y |
| PIKA | 027 | O | N | 1m | EOS | B | | | | N | | | | | |
| PIKA | 028 | O | N | 5m | EOS | G+B | 15 | 5 | 2 | N | | | | | |
| PIKA | 029 | | | | | | | | | | 84° | 182° | 40.0 | 1 | Y |

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

**Site Information** | **Collared Pika Surveys** | **Detection Datasheet**

| | | |
|---|---|---|
| **Site Code:** P094 | **Observer:** JW | **GPS ID:** 45 |
| **Date (yyyy-mm-dd):** 2019-07-24 | **Start Time:** 12:25 | **End Time:** 16:00 |
| **Temperature:** | **Precip:** N | **Wind Speed:** |
| **Notes:** Track: 2019-07-24 16:03:15 P094 45 | | |

**Detection Data**

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | 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 | 001 | O | N | 6m | EDS | B | | | | N | | | | | |
| PIKA | 002 | | | | | | | | | | 10° | 312° | 1m | 1 | Y |
| PIKA | 003 | F | Y | 7m | EDS | G | 0.30 | 0.10 | 0.03 | Y | | | | | |
| VOLE | 003 | F | Y | | | | | | | | | | | | |
| PIKA | 004 | | | | | | | | | | 194° | 186° | 29.5 | 1 | N |
| PIKA | 005 | | | | | | | | | | 14° | 319° | 20.0 | 1 | Y |
| PIKA | 006 | F | Y | 7m | EDS | B | | | | | | | | | |
| PIKA | 007 | | | 10m | EDS | G-B | 0.20 | 0.15 | 0.03 | Y | | | | | |
| CARIBOU | 008 | O | N | | | | | | | | | | | | |
| AGS | 009 | | | | | | | | | | 219° | 194° | 46.5 | 1 | N |
| PIKA | 010 | | | | | | | | | | 14° | 266° | 30.5 | 1 | Y |
| PIKA | 011 | O | N | 6m | EDS | B | | | | N | | | | | |
| PIKA | 012 | | | | | | | | | | 14° | 2° | 61.0 | 1 | N |
| PIKA | 013 | O | N | 1m | EDS | B | | | | N | | | | | |
| PIKA | 014 | O | N | 21m | EDS/Herb | B | | | | N | | | | | |

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

## Site Information

## Collared Pika Surveys

## Detection Datasheet

| | | | |
|---|---|---|---|
| **Site Code:** PI52A | **Observer:** JW | **GPS ID:** 45 | |
| **Date (yyyy-mm-dd):** 2019-07-15 | **Latitude** (dd): | **Longitude** (dd): | |
| **Start Time:** 14:13 | **End Time:** 17:40 | **GPS Track:** 2019-07-15 17:40:00 PI52A 45 | |
| **Temperature:** 18.3°C **Precip:** N | **Wind Speed:** 1.9 m/s | **Notes:** | |

## Detection Data

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | 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 | 221 | | | | | | | | | | 22° | 114° | 16.0 | 1 | Y |
| PIKA | 222 | F | Y | 5m | EDS | G+B | 1.5m | 0.6m | 0.02m | Y | | | | | |
| PIKA | 223 | F | Y | 0m | EDS | G+B | 0.7m | 0.3m | 0.02 | Y | | | | | |
| PIKA | 224 | | | | | | | | | | 218° | 195° | 20.0 | 1 | Y |
| PIKA | 225 | O | N | 0m | Lichen EDS | B | | | | N | | | | | |
| PIKA | 226 | | | | | | | | | | 36° | 314° | 14.5 | 1 | Y |
| PIKA | 227 | O | N | 3m | Lichen EDS | B | | | | N | | | | | |
| PIKA | 228 | | | | | | | | | | 222° | 276° | 8.0 | 1 | Y |
| PIKA | 229 | | | | | | | | | | 222° | 116° | 21.0 | 1 | Y |
| PIKA | 230 | O | N | 3m | EDS | B | | | | N | 228° | 208° | 26.5 | 1 | Y |
| PIKA | 231 | O | N | 1m | EDS | B | | | | N | | | | | |
| PIKA | 232 | F | Y | | | | | | | | 16° | 10° | 10.0 | 1 | Y |
| PIKA | 233 | | | | | | | | | | | | | | |
| PIKA | 234 | | | 2m | EDS | G+B | 1.0m | 0.5m | 0.03 | Y | 20° | 116° | 30.0 | 1 | N |

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

## Site Information

**Collared Pika Surveys** — **Detection Datasheet**

| | | | |
|---|---|---|---|
| **Site Code:** P152A | **Observer:** JW | **GPS ID:** 45 | |
| **Date (yyyy-mm-dd):** 2019-07-15 | **Latitude** (dd): | **Longitude** (dd): | |
| **Start Time:** 14:13 | **End Time:** 17:40 | **GPS Track:** 2019-07-15 17:40:00 P152A 45 | |
| **Temperature:** 18.3°C **Precip:** N | **Wind Speed:** 1.9 m/s | **Notes:** | |

## Detection Data

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | 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 | 235 | O | N | | | | | | | | | | | | |
| PIKA | 236 | | | | | | | | | | 214° | 195° | 5.0 | 1 | Y |
| PIKA | 237 | O | N | 1m | EOS | G+B | 0.2 | 0.2 | 0.02 | N | | | | | |
| PIKA | 238 | | | | | | | | | | 218° | 210° | 25.0 | 1 | Y |
| PIKA | 239 | F | N | 0m | EOS | G+B | 0.5 | 0.2 | 0.03 | N | 218° | 164° | 27.0 | 1 | Y |
| PIKA | 240 | O | N | 0m | EOS | B | | | | N | | | | | |
| PIKA | 241 | | | | | | | | | | 84° | 18° | 22.5 | 1 | Y |
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Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

## Site Information

**Collared Pika Surveys** — **Detection Datasheet**

| | | |
|---|---|---|
| **Site Code:** P002 | **Observer:** JW | **GPS ID:** 45 |
| **Date (yyyy-mm-dd):** 2019-07-16 | **~~Latitude (dd):~~** | **~~Longitude (dd):~~** |
| **Start Time:** 11:00 | **End Time:** 16:25 | **GPS Track:** P0[illegible] |
| **Temperature:** 15.2° **Precip:** N | **Wind Speed:** (N:) 0.6 | **Notes:** |

## Detection Data

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | Dist Veg | Veg Type | Color (G/B) | Size (L) cm | Size (W) | Size (H) | Sample (Y/N) | Transect Bearing | Animal Bearing | Dist | Count | Y/N |
| PIKA | 242 | O | N | 0m | EOS | B | | | | N | | | | | |
| PIKA | 243 | O | N | 1m | EOS | B | | | | | | | | | |
| PIKA | 244 | O | N | 1m | EOS/Fen | B | | | | | | | | | |
| PIKA | 245 | | | | | | | | | | | | | | |
| PIKA | 246 | F | Y | 0m | EOS | B+G | 30 | 15 | 4 | Y | 352° | 82° | 22.0 | 1 | Y |
| MARMOT | 247 | F | Y | | | | | | | | | | | | |
| PIKA | 248 | | | | | | | | | | | | | | |
| PIKA | 249 | F | Y | 10m | EOS | G+B | 15 | 4 | 2 | Y | 320° | 29° | 18.5 | 1 | Y |
| PIKA | 249 | | | | | | | | | | 326° | 102° | 19.0 | 1 | Y |
| PIKA | 250 | F | N | 4m | EOS | G+B | 10 | 5 | 2 | N | 326° | 60° | 28.0 | 1 | Y |
| PIKA | 251 | F | Y | | | | | | | | | | | | |
| PIKA | 252 | | | | | | | | | | 150° | 60° | 28.5 | 1 | Y |
| PIKA | 253 | O | N | 0m | mass EOS | B | | | | | 152° | 58° | 25.0 | 1 | Y |
| PIKA | 254 | O | N | 0m | EOS | B | | | | | | | | | |
| PIKA | 255 | O | N | 0m | mass EOS | B | | | | | | | | | |

Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

## Site Information

**Collared Pika Surveys**

**Detection Datasheet**

| | | | |
|---|---|---|---|
| **Site Code:** P002 | | **Observer:** JW | **GPS ID:** 45 |
| **Date (yyyy-mm-dd):** 2019-07-16 | | **Latitude (dd):** | **Longitude (dd):** |
| **Start Time:** 11:00 | | **End Time:** 16:25 | **GPS Track:** |
| **Temperature:** 15.2 | **Precip:** N | **Wind Speed:** 0.6 | **Notes:** |

## Detection Data

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | 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 | 256 | O | N | 1m | EOS | B | | | | N | | | | | |
| PIKA | 257 | O | N | | EOS | B | | | | N | | | | | |
| UnK | 257 | F | Y | | | | | | | | | | | | |
| PIKA | 258 | O | N | 5m | EOS | B | | | | N | | | | | |
| PIKA | 259 | | | | | | | | | | 136° | 165° | 250 | 1 | Y |
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Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

## Site Information — Collared Pika Surveys — Detection Datasheet

| | | |
|---|---|---|
| **Site Code:** P002 | **Observer:** JW | **GPS ID:** 45 |
| **Date (yyyy-mm-dd):** 2019-07-17 | **Latitude** (dd): | **Longitude** (dd): |
| **Start Time:** 10:10 | **End Time:** 11:35 | **GPS Track:** 2019-07-17 11-35-28 P002 45 |
| **Temperature:** 15.9°C **Precip:** | **Wind Speed:** 1.2 m/s | **Notes:** |

## Detection Data

| | | Feces | | Haypile | | | | | | | Animal | | | | Audio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Species | WP | Freshness (F/O) | Sample (Y/N) | Dist Veg | Veg Type | Color (G/B) | Size (L) | Size (W) | Size (H) | Sample (Y/N) | Transect Bearing | Animal Bearing | Dist | Count | Y/N |
| MARMOT | 261 | | | | | | | | | | 118° | 118° | 46.5 | 1 | Y |
| PIKA | 264 | | | | | | | | | | 118° | 130° | 24.0 | 1 | Y |
| | | | | | | | | | | | | | | | |
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Species: pika, marmot, AGS, vole, bl. or br. bear, sheep, unknown; WP:waypoint; Freshness: resh (F)/old (O); Sample: Collected Y/N; 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).

## Vegetation Plot Datasheet 2019

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|---|---|---|---|---|
| **Site Code:** P094 | **Date (yyyy-mm-dd):** 2019-07-24 | | | **Plot Size (m):** 10 x 10 |
| **Observer 1:** JW | **Observer 2:** LS | **Waypoint:** 015 | | **GPS ID:** 45 |
| **Slope (°):** 15 | **Aspect (°):** 257 | **Scope:** | **Vascular**: Highest cover | **Cover Method:** Semi-quant |
| **Vegetation Class:** EOS | | | **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 | 0 | — |
| Broadleaf | 0 | — |
| Tall Shrub (> 1.5 m) | 0 | — |
| Low Shrub (0.2 - 1.5 m) | 0 | — |
| Dwarf Shrub (< 0.2 m) | 50% | 0.08 |
| Forb | <1 | |
| Ferns/Allies | 0 | |
| Grasses (incl. rush and sedge) | 10 | |
| Moss | 25 | |
| Lichen | 60 | |

| Ground Form | Ground Cover (%) |
|---|---|
| Bare Ground | 5 |
| Rock | 20 |
| Water | 0 |
| Snow | 0 |

## Species Cover

**Instructions:** Each vascular 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 |
|---|---|---|---|
| Cassiope tetragona | 28 | 8 | N |
| Dryas integrifolia | 30 | 3 | N |
| Kalmia procumbens | 15 | 1 | N |
| | | | |
| | | | |
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# Vegetation Plot Datasheet 2019

| Site Code: P616 | Date (yyyy-mm-dd): 2019-07-31 | | | Plot Size (m): 10 x 10 |
|---|---|---|---|---|
| Observer 1: JW | Observer 2: LS | Waypoint: | | GPS ID: |
| Slope (°): 18° | Aspect (°): 336 | Scope: | Vascular: Highest cover | Cover Method: Semi-quant |
| Vegetation Class: EDS | | | 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 | 10 | 0.09 |
| Broadleaf | 0 | — |
| Tall Shrub (> 1.5 m) | <1 | 1.8 |
| Low Shrub (0.2 - 1.5 m) | 2 | 0.30 |
| Dwarf Shrub (< 0.2 m) | 75 | 0.07 |
| Forb | <1 | |
| Ferns/Allies | <1 | |
| Grasses (incl. rush and sedge) | 20 | |
| Moss | 50 | |
| Lichen | 10 | |

| Ground Form | Ground Cover (%) |
|---|---|
| Bare Ground | <1 |
| Rock | 28 |
| Water | 0 |
| Snow | 0 |

## Species Cover

**Instructions:** Each vascular 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 |
|---|---|---|---|
| Luetkea pectinata | 50 | 7 | N |
| Hierochloe stellulata | 35 | 5 | N |
| Phyllodoce empetriformis | 15 | 13 | N |
| | | | |
| | | | |
| | | | |

## Vegetation Plot Datasheet 2019

| Site Code: JB01 | Date (yyyy-mm-dd): 2019-08-19 | | | Plot Size (m): 10 x 10 |
|---|---|---|---|---|
| Observer 1: JW | Observer 2: CB | Waypoint: 098 | | GPS ID: 45 |
| Slope (°): 10 | Aspect (°): 50° | Scope: | Vascular: Highest cover | Cover Method: Semi-quant |
| Vegetation Class: EDS | | | Non-vascular: none | Survey Method: Visual est. |
| Distance to Nearest Talus (m): 26.5 | | | 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) | 60 | 0.02 |
| Forb | 1 | |
| Ferns/Allies | 0 | |
| Grasses (incl. rush and sedge) | 30 | |
| Moss | 10 | |
| Lichen | 50 | |

| Ground Form | Ground Cover (%) |
|---|---|
| Bare Ground | 1 |
| Rock | 15 |
| Water | 0 |
| Snow | 0 |

## Species Cover

**Instructions:** Each vascular 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 |
|---|---|---|---|
| Empetrum nigrum | 25 | 4 | — |
| Arctos rubra | 20 | 3 | — |
| Grasses | 30 | 14 | — |
| | | | |
| | | | |
| | | | |

## Vegetation Plot Datasheet 2019

| Site Code: JB02 | Date (yyyy-mm-dd): 2019-08-21 | | | Plot Size (m): 10 x 10 |
|---|---|---|---|---|
| Observer 1: CB | Observer 2: JW | Waypoint: 293 | | GPS ID: 49 |
| Slope (°): 14 | Aspect (°): 142 | Scope: | Vascular: Highest cover | Cover Method: Semi-quant |
| Vegetation Class: EOS | | | Non-vascular: none | Survey Method: Visual est. |
| Distance to Nearest Talus (m): 20.0 | | | 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 | 0 | — |
| Broadleaf | 0 | — |
| Tall Shrub (> 1.5 m) | 0 | — |
| Low Shrub (0.2 - 1.5 m) | 0 | — |
| Dwarf Shrub (< 0.2 m) | 70 | |
| Forb | 1 | |
| Ferns/Allies | 0 | |
| Grasses (incl. rush and sedge) | 25 | |
| Moss | 0 | |
| Lichen | 75 | |

| Ground Form | Ground Cover (%) |
|---|---|
| Bare Ground | 10 |
| Rock | 5 |
| Water | 0 |
| Snow | 0 |

### Species Cover

**Instructions:** Each vascular 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 octopetala | 35 | | |
| Empetrum nigrum | 15 | | |
| Graminoid | 25 | | |
| Arctous alpina | 15 | | |
| | | | |
| | | | |

## Site Information

| Site Code: JB02 | Date (yyyy-mm-dd): 2014-08-21 |
|---|---|
| Observer 1: | Observer 2: |

## 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 | 2 | 0 |
| Water: pond stream other | 1 | 0 |
| Low Shrub | 21 | 0 |
| 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.

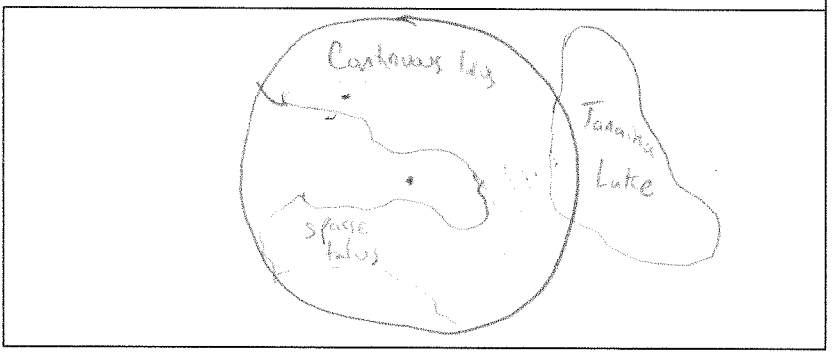
| | Viereck Level III Class | Cover (%) | Surveyed (Y/N) | Distance to Nearest Talus (m) |
|---|---|---|---|---|
| 1 | DGH | 40 | | 0 |
| 2 | DDS | 40 | | 0 |
| 3 | EDS | 20 | | 0 |
| 4 | | | | |

## Dominant Vegetation

**Instructions:** Visually estimate the consistently dominant vegetation from all haypiles in the site, then take samples of the top three species within a 50m radius of talus. Weigh the bag prior to weighing the sample.

| | Species | Collected (Y/N) | Mass (g) |
|---|---|---|---|
| 1 | Dryas adjunensis | | |
| 2 | Graminoid | | |
| 3 | Hierochloe alpina | | |

## Plot Sketch



## Site Information

| Site Code: P111 | Date (yyyy-mm-dd): 2019-07-25 |
|---|---|
| Observer 1: JW | Observer 2: LS |

## 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 | 35% | 5m |
| Talus | 25% | N/A |
| | | |
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## 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.

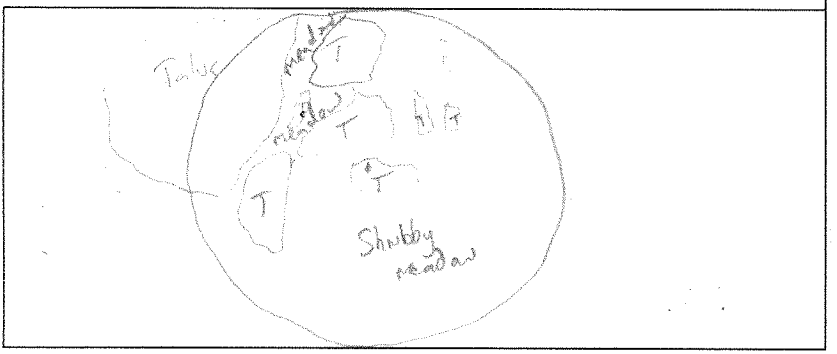
| | Viereck Level III Class | Cover (%) | Surveyed (Y/N) | Distance to Nearest Talus (m) |
|---|---|---|---|---|
| 1 | EDS | 60 | Y | 0 |
| 2 | Lichen | 25 | N | 0 |
| 3 | CLS | 15 | N | 5 |
| 4 | | | | |

## Dominant Vegetation

**Instructions:** Visually estimate the consistently dominant vegetation from all haypiles in the site, then take samples of the top three species within a 50m radius of talus. Weigh the bag prior to weighing the sample.

| | Species | Collected (Y/N) | Mass (g) |
|---|---|---|---|
| 1 | Cassiope tetragona | Y | |
| 2 | Vaccinium uliginosum | Y | |
| 3 | graminoid sp. | Y | |

## Plot Sketch



# Collared Pika Surveys 2018 — Vegetation Plot Field Datasheet

## Site Information

| | | | | |
|---|---|---|---|---|
| **Site Code:** P002 | **Date (yyyy-mm-dd):** 2018-07-10 | | | **Plot Size** (m): **10 x 10** |
| **Observer 1:** LS, LT | **Observer 2:** JW, RS | **Waypoint:** 347 | | **GPS ID:** 27 |
| **Slope (°):** 10° | **Aspect (°):** 56° | **Scope:** | **Vascular**: Highest cover | **Cover Method:** Semi-quant |
| **Vegetation Class:** EDS | | | **Non-vascular**: none | **Survey Method:** Visual est. |
| **Distance to Nearest Talus (m):** 6m | | | **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) | 3% | 26 cm |
| Dwarf Shrub (< 0.2 m) | 90% | 9 cm |
| Forb | 2% | |
| Ferns/Allies | 0% | |
| Grasses (incl. rush and sedge) | 1% | |
| Moss | 85% | |
| Lichen | 45% | |

| Ground Form | Ground Cover (%) |
|---|---|
| Bare Ground | 4% |
| Rock | 39% |
| Water | 0% |
| Snow | 0% |

Height avg 1 measurement per quadrat

## 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 |
|---|---|---|---|
| 1 Empetrum nigrum (white ink) | 85% | 10 cm | |
| 3 Vaccinium uliginosum | 25% | 15 cm | |
| 4 Lichen (Peltigera) | 65% | 3 cm | |
| 2 Hierochloe (Stellariopsis) | 50% | 6 cm | |
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