

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID AG02

Observers: M L Bowser

Date 7/19/16 Time 10:45

PHOTOS 063-064

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

Earthworm sample? YES NO

Latitude: 60.46757°

Longitude: -151.05780°

Coordinate Error (m): 8m

No worms

List all plant species

Picea glauca
Lycopodium annotinum
Cornus canadensis
Equisetum arvense? - see specimen
~~pratense~~ ~~from SK03~~
Vaccinium vitis-idaea
Rosa acicularis
Linnaea borealis
Goodyera repens
Orthilia secunda
Pyrola asarifolia
Pleurozium schreberi
Hylocomium splendens
Gesneria lividum
Chamerton angustifolium
Calamagrostis canadensis

Trientalis europaea
Gymnocarpium dryopteris
Salix barclayi
Viburnum edule
Polytrichum sp.
Listera cordata
~~*Rosa multiflora*~~ / or hybrid - just off pl.t.
Betula papyrifera

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M G 04

Observers: Bowser

Date 8/10/12 Time 09:06

PHOTOS 001-002

AVL: I.C.2.a

Earthworm sample? YES NO

Latitude: 60,46388°N

Longitude: 151,09481°W

Coordinate Error (m): 3

C. + worms!

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

previously logged. Yellow Jacket nest on plot

List all plant species

Picea glauca
Betula papyrifera
Chamaenerion angustifolium
Viburnum edule
Populus tremuloides
Cornus canadensis
Linnaea borealis
Salix scouleriana
Equisetum pratense
Pleurozium schreberi
Lycopodium annotinum
Hylacomium splendens
Geocalva lividum
Vaccinium vitis-idaea
Trientalis europaea
Orthilia secunda

Gymnocarpium dryopteris
Rosa acicularis
Equisetum arvense
~~*Salix babingtonii*~~
Lobelia pulmonaria

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID MG05

Observers: Bowser, Stone

Date 7/22/16 Time 09:04

PHOTOS 049-050

Earthworm sample? YES NO

Latitude: N 60.46369

Longitude: W 151.08540

Coordinate Error (m): ± 4 m

no worms

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

I. C. 2. a

List all plant species

- | | |
|----------------------------------|---------------------------------|
| <i>Picea mariana</i> | <i>Spirea stevenii</i> |
| <i>Betula papyrifera</i> | <i>Equisetum rylvaticum</i> |
| <i>Rosa acicularis</i> | <i>Ribes triste</i> |
| <i>Lycopodium annotinum</i> | <i>Chamerion angustifolium</i> |
| <i>Vaccinium vitis-idaea</i> | <i>Picea glauca</i> |
| <i>Rubus pedatus</i> | <i>Equisetum pratense</i> |
| <i>Ptilium crista-castrensis</i> | <i>Dryopteris expansa</i> |
| <i>Hylacomium splendens</i> | <i>Streptopus amplexicaulis</i> |
| <i>Cornus canadensis</i> | <i>Betula occidentalis</i> |
| <i>Gymnocarpium dryopteris</i> | <i>Viburnum edule</i> |
| <i>Trientalis europaea</i> | <i>Pleurozium schrabertii</i> |
| <i>Calamagrostis canadensis</i> | |
| <i>Orthilia secunda</i> | |
| <i>Equisetum arvense</i> | |
| <i>Linnaea borealis</i> | |
| <i>Geocaulon lividum</i> | |

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M G 0 6

Observers: Matt Bouser, Mariah McInnis

Date 07/18/16 Time 09:36

GPS

X (Lat) _____

Y (Long) _____

Error (m) _____

Hits _____

Lichens and bryophytes sampled
on 10 August, 2016.

PHOTOS 004 - 005

SWEEP NET (2 subsamples)? YES NO

Earthworm sample? YES NO

earthworm sample in alder litter
2m from plot boundary
- no worms! The soil is so
dry, I think they are dormant.
60.46343N, 151.07654W
1-6m

List all plant species

Picea glauca (or *x Lutzii*)

Rosa acicularis

Ostrya virginica

Calamagrostis canadensis

Rubus idaeus

Alnus viridis

Gymnocarpium dryopteris

Chamaenerion angustifolium

Sambucus racemosa

Equisetum arvense

Betula papyrifera

Equisetum sylvaticum

Dryopteris expansa

Streptopus amplexicaulis

Tridentaria europaea

Muehlenbergia lateriflora

Ribes triste

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M G 0 7

Observers: Bowser, McInnis

Date 8 / 0 1 / 1 6 Time 10:53

PHOTOS 001 - 002

AVCI I.A.2.f

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

Earthworm sample? YES NO

Latitude: 60.46326°

Longitude: -151.06728°

Coordinate Error (m): 5

no worms

List all plant species

- | | |
|--------------------------------|-----------------------------|
| <i>Picea mariana</i> | <i>Hylocomium splendens</i> |
| <i>Rubus chamaemorus</i> | <i>Nephroma arcticum</i> |
| <i>Vaccinium vitis-idaea</i> | <i>Cladonia</i> |
| <i>Chamaedaphne calyculata</i> | |
| <i>Vaccinium uliginosum</i> | |
| <i>Sphagnum</i> sp. | |
| <i>Vaccinium oxycoccos</i> | |
| <i>Ledum palustre</i> | |
| <i>Betula nana</i> | |
| <i>Empetrum nigrum</i> | |
| <i>Peltigera</i> | |
| <i>Drosera rotundifolia</i> | |
| <i>Andromeda polifolia</i> | |
| <i>Ococanlon lividum</i> | |
| <i>Carex rotundata</i> | |
| <i>Pleurozium schreberi</i> | |

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M G 0 8

Observers: Bovser

Date 7/22/16 Time 11:49

PHOTOS 060-061

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

Earthworm sample? YES NO

Latitude: 60.46301°

Longitude: -151.05847°

Coordinate Error (m): 5

no worms

AVC: E.A.2.f

List all plant species

- Picea mariana*
- Sphagnum* spp.
- Ledum palustre*
- Vaccinium vitis-idaea*
- Rubus chamaemorus*
- Ledum palustre*
- Betula nana*
- Empetrum nigrum*
- Andromeda polifolia*
- Vaccinium uliginosum*
- Nephroma arctica*
- Vaccinium oxycoccos*
- Drosera rotundifolia*
- Carex rotundata*
- Chamaedaphne caliculata*

- Cladonia*
- Neurozium schreberi*
- Geocaulon lividum*
- Peltigera*

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M G 0 9

Observers: M L Bousar

Date 7 / 1 9 / 1 6 Time 14:11

PHOTOS 069-070

Earthworm sample? YES NO

Latitude: 60.46288°

Longitude: -151.04932°

Coordinate Error (m): 7

no worms

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

Picea mariana

Spiranthes romanoffiana

Chamaedaphne caliculata

Betula nana

Salix fuscoscens

Equisetum arvense

Equisetum fluviale

Ledum palustre

Vaccinium uliginosum

Carex spp.

Sphagnum spp.

Calamagrostis canadensis

Vaccinium oxococcos

Andromeda polifolia

Comarum palustre

Carex pauciflora (I think: *spens*, reflexed perigynia, collected and checked - yes.)

Empetrum nigrum

Carex magellanica

Carex catenata

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID MG 10

Observers: Bowser

Date 8/10/16 Time 10:54

PHOTOS 028-029

AUC: I.C.2a

Earthworm sample? YES NO

Latitude: 60.45937°N

Longitude: 151.09496°W

Coordinate Error (m): 10

Get worms!

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO



Angry nest of yellow jackets in plot

List all plant species

- | | |
|---------------------------------|---------------------------------|
| <i>Betula papyrifera</i> | <i>Rosa acicularis</i> |
| <i>Gymnocarpium dryopteris</i> | <i>Lobelia pulmonaria</i> |
| <i>Ptilium crista-castoreae</i> | <i>Calamagrostis canadensis</i> |
| <i>Rubus pedatus</i> | <i>Ribes triste</i> |
| <i>Picea glauca</i> | <i>Viburnum edule</i> |
| <i>Rosa acicularis</i> | <i>Equisetum pratense</i> |
| <i>Lycopodium annotinum</i> | <i>Streptopus amplexicaulis</i> |
| <i>Cornus canadensis</i> | <i>Rubus idaeus</i> |
| <i>Mercurialis ferruginea</i> | <i>Pleurozium schroberi</i> |
| <i>Dryopteris expansa</i> | <i>Hylacomium splendens</i> |
| <i>Oplodanox horridus</i> | <i>Sorbus scopulina</i> |
| <i>Trientalis europaea</i> | |
| <i>Linnaea borealis</i> | |
| <i>Equisetum arvense</i> | |

Sawn logs in plot

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M G 1 2

Observers: Bowser, McInnis

Date 8 / 0 1 / 1 6 Time 11:43

PHOTOS 067-009

III. A. 3. k

Earthworm sample? YES NO

Latitude: 60.45907

Longitude: -151.07706

Coordinate Error (m): 4

no worms

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

- Myrica gale*
- Carex*
- Andromeda polifolia*
- Betula nana*
- Trichophorum caespitosum*
- Eriophorum angustifolium?* yes.
- Drosera rotundifolia*
- Carex rotundata*
- Sphagnum*
- Ledum palustre*
- Rubus chamaemorus*
- Vaccinium oxycoccus*
- Pedicularis labradorica*

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M 6 1 4

Observers: Matt Bowser, Mariah McInnis

Date 7 / 1 8 / 1 6 Time 11:15

The temperature data logger had been dug up and the vial was bitten by a carnivore. We re-buried the data logger, placing it in a whist-pac bag within the punctured vial.

GPS

X (Lat) _____

Y (Long) _____

Error (m) _____

Hits _____

PHOTOS _____

SWEEP NET (2 subsamples)? YES NO

Earthworm sample? YES NO

No hardware litter here
Sampled about 3m off pit
also at 60.45868°N
151.05879°W ± 5m
No worms found

List all plant species

Picea mariana
Ledum palustre
Rubus chamaemorus
Betula nana
Vaccinium oxycoccos
Equisetum flavolobale
Vaccinium uliginosum
Dasiphora floribunda
Chamaedaphne caliculata
Eryetrum nigrum

Vaccinium vitis-idaea
Andromeda polifolia
Taxifolia (collected)
Myrica gale
Doosera rotundifolia
Carex sp. spp. - collected
Salix pulchra
Salix barclayi
Geocaulon lividum
Comarum palustre

Spiranthes romanoffiana
Pleurozium schreberi
Sphagnum spp.
Hylacomium splendens
Triantha glutinosa (inaturalist: 3744065)
Carex tenuiflora (inaturalist: 3744284)
Carex magellanica (inaturalist: 3744346)

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M Q 1 6

Observers: Bowser

Date 8 / 9 / 16 Time 16:23

PHOTOS 038 - 039

AVC: I.C.2.a

Earthworm sample? YES NO

Latitude: 60.45506°

Longitude: -151.09554°

Coordinate Error (m): 5

got worms!

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

yellow jacket nest on plot

List all plant species

Picea glauca

Rosa aciculata

Empetrum nigrum

Hylacomium splendens

Cornus canadensis

Geocaulon lividum

Linnaea borealis

Vaccinium vitis-idaea

Viburnum edule

Lycopodium annotinum

Alnus viridis

Equisetum arvense

Betula papyrifera

Chamaecrista angustifolia

Calamagrostis canadensis

Pleurozium schreberi

Pyrola asarifolia

Orthilia secunda

Trientalis europaea

Menziesia ferruginea

Oplapanne horridus

Ribes triste

Peltigen

Listera chordata

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID MG 17
 Observers: Bowser, McInnis
 Date 8 / 9 / 16 Time 09:11

PHOTOS 001 - 002

AUCi I.C. 2.9

Earthworm sample? YES NO

Latitude: 60.45478°

Longitude: -151.08653°

Coordinate Error (m): 6

got worms!

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

- | | |
|-----------------------------------|---------------------------------|
| <i>Betula papyrifera</i> | <i>Equisetum arvense</i> |
| <i>Picea glauca</i> | <i>Alnus viridis</i> |
| <i>Viburnum edule</i> | <i>Gymnocarpium dryopteris</i> |
| <i>Cornus canadensis</i> | <i>Empetrum nigrum</i> |
| <i>Lycopodium annotinum</i> | <i>Calamagrostis canadensis</i> |
| <i>Rubus pedatus</i> | <i>Sorbus scopulina</i> |
| <i>Chamaenerion angustifolium</i> | <i>Hylocomium splendens</i> |
| <i>Pleurozium schreberi</i> | <i>Peltigera</i> |
| <i>Equisetum pratense</i> | <i>Goudyera repens</i> |
| <i>Geocaulon lividum</i> | |
| <i>Vaccinium vitis-idaea</i> | |
| <i>Lilium borealis</i> | |
| <i>Trientalis europaea</i> | |
| <i>Labaria pulmonaria</i> | |
| <i>Rosa acicularis</i> | |
| <i>Orthilia secunda</i> | |

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M G 18

Observers: Bowser, McEnnis

Date 8 / 1 / 16 Time 12:42

PHOTOS 031-032

AVC: III. A. 3k

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

Earthworm sample? YES NO

Latitude: 60.45418°

Longitude: -151.07707°

Coordinate Error (m): 6m

no worms

List all plant species

- Picea mariana*
- Betula nana*
- Sphagnum*
- Myrica gale*
- Ledum palustre*
- Andromeda polifolia*
- Vaccinium oxycoccos*
- Rubus chamaemorus*
- Vaccinium uliginosum*
- Vaccinium vitis-idaea*
- Geococcyx lividum*
- Empetrum nigrum*
- Carex rotundata*
- Carex spp. gynocrates*

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID MG19

Observers: Bovson, McInnis

Date 8/03/16 Time 09:22

PHOTOS 039-040

AVC: ~~DA.M~~ I.A.Z.f

Earthworm sample? YES NO

Latitude: 60.45446°

Longitude: -151.06816°

Coordinate Error (m): 4

no worms

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

- Picea mariana*
- Ledum palustre*
- Chamaedaphne calliculata*
- Empetrum nigrum*
- Vaccinium oxycoccos*
- Rubus chamaemorus*
- Vaccinium vitis-idaea*
- Pleurozium schreberi*
- Hylocomium splendens*
- Sphagnum*
- Peltigera*
- Cladonia*

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M G 2 0

Observers: Bowser, Swem, Dziergowski

Date 7/20/16 Time 09:43

PHOTOS 072-073

Earthworm sample? YES NO

Latitude: 60.45412°

Longitude: -151.05920

Coordinate Error (m): 5

no worms

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

- Picea mariana*
- Ledum palustre*
- Vaccinium uliginosum*
- Rubus chamaemorus*
- Betula nana*
- Drosera rotundifolia*
- Vaccinium vitis-idaea*
- Empetrum nigrum*
- Vaccinium oxococcus*
- Pleurozium schreberi*
- Geacaulon lividum*
- Sphagnum spp.*
- Andromeda polifolia*
- Cladonia spp.*
- Pedicularis labridorica*
- Nephroma arcticum*
- Peltigera sp.*

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID MG 21

Observers: Bowser, Swen, Dziergowski

Date 7, 20, 16 Time 11:38

PHOTOS 074-075

LICHEN + BRYOPHYTE SAMPLE? YES NO

Earthworm sample? YES NO

Latitude: 60.45388

Longitude: -151.050290

SWEEP NET (2 subsamples)? YES NO

Coordinate Error (m): 5
 Birch litter. Saw one small worm (enchytraeid?), but it escaped. collected in fly larva.

List all plant species

- | | |
|---------------------------------|--|
| <i>Picea glauca</i> | <i>Rubus pedatus</i> |
| <i>Menziesia ferruginea</i> | <i>Pleurozium schreberi</i> |
| <i>Betula papyrifera</i> | <i>Listera cordata</i> |
| <i>Cornus canadensis</i> | <i>Orthilia secunda</i> |
| <i>Equisetum sylvaticum</i> | <i>Oplopanax horridus</i> |
| <i>Chamerion angustifolium</i> | <i>Dryopteris expansa</i> |
| <i>Lycopodium annotinum</i> | <i>Stellaria</i> sp. - collected, no flowers — <i>Stellaria calycantha</i> |
| <i>Linnaea borealis</i> | <i>Equisetum arvense</i> |
| <i>Vaccinium vitis-idaea</i> | <i>Gaultheria repens</i> |
| <i>Geocaulon lividum</i> | <i>Pleurozium schreberi</i> |
| <i>Peltigera</i> | |
| <i>Hylocomium splendens</i> | |
| <i>Rosa acicularis</i> | |
| <i>Ptilium crista-castrense</i> | |
| <i>Streptopus amplexicaulis</i> | |

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M G 2 2

Observers: Bowser, McInnis

Date 8 / 9 / 1 6 Time 14:14

PHOTOS 036-037

AVC. I. A. 3. d

Earthworm sample? YES NO

Latitude: 60.45053°

Longitude: -151.09608°

Coordinate Error (m): 3

No worms

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

Carex pauciflora

- Picea mariana*
- Rubus chamaemorus*
- Equisetum sylvaticum*
- Chamaedaphne calyculata*
- Ledum palustre*
- Rubus chamaemorus*
- Vaccinium uliginosum*
- Empetrum nigrum*
- Andromeda polifolia*
- Vaccinium vitis-idaea*
- Vaccinium oxycoccos*
- Betula nana*
- Pleurozium schreberi*
- Cladonia*
- Nephroma arcticum*
- Drosera rotundifolia*

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M G 2 4

Observers: Bowser, McInnis

Date 8 / 3 / 16 Time 11:04

PHOTOS 083-084

AVC: I.A.2.f

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

Earthworm sample? YES NO

Latitude: 60.45010°

Longitude: -151.07751°

Coordinate Error (m): 4

no worms

List all plant species

- Picea mariana*
- Ledum palustre*
- Rosa acicularis*
- Vaccinium vitis-idaea*
- Empetrum nigrum*
- Vaccinium uliginosum*
- Cornus canadensis*
- Geocaulon lividum*
- Empetrum nigrum*
- Hylocomium splendens*
- Equisetum sylvaticum*
- Peltigera*
- Calamagrostis canadensis*
- Chamerion angustifolium*
- Linnaea borealis*
- Nephrolepis acrostichum*

- Pleurozium schroberi*
- Salix scouleriana*
- Ptilium crista-castrense*
- Betula papyrifera*

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M 6 2 6

Observers: Bowser, Swann, Dziergowski

Date 7, 20, 16 Time 15:06

PHOTOS 083-084

Earthworm sample? YES NO

Latitude: 60.44972

Longitude: 157.05968

Coordinate Error (m): 5

got worms!

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

<i>Equisetum arvense</i>	<i>Trientalis europaea</i>
<i>Picea glauca</i>	<i>Betula papyrifera</i>
<i>Viburnum edule</i>	<i>Orthilia secunda</i>
<i>Aconitum delphinifolium</i>	<i>Rosa acicularis</i>
<i>Gymnocarpium dryopteris</i>	<i>Streptopus amplexicaulis</i>
<i>Cornus canadensis</i>	<i>Vaccinium vitis-idaea</i>
<i>Equisetum arvense</i>	<i>Ribes triste</i>
<i>Equisetum pratense</i>	<i>Sorbus scopulina</i>
<i>Hylocomium splendens</i>	<i>Oxypanax horridus</i>
<i>Calamagrostis canadensis</i>	<i>Equisetum sylvaticum</i>
<i>Polytrichum</i>	<i>Lycopodium annotinum</i>
<i>Lithanea borealis</i>	<i>Lobaria pulmonaria</i>
<i>Ribes triste</i>	<i>Dryopteris expansa</i>
<i>Listera cordata</i>	
<i>Chamaenerion angustifolium</i>	
<i>Pyrola asarifolia</i>	

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M G 2 8

Observers: Bowser McInnis

Date 8 / 9 / 16 Time 13:25

PHOTOS 034-035

AVC: I.C. 2-a

Earthworm sample? YES NO

Latitude: 60.44594°

Longitude: -151.09624°

Coordinate Error (m): 6 m

got worms!

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

Picea glauca

Betula papyrifera

Rosa acicularis

Rubus pedatus

~~Geocaulon~~ *Geocaulon lividum*

Gymnocarpium dryopteris

Trientalis europaea

Vaccinium vitis idaea

Equisetum pratense

Dryopteris expansa

Polytrichum

Orthilia secunda

Gordyera repens

Linnaea borealis

Saxibus scopulina

Planozium schroberi

Chamesson angustifolium

Calamagrostis canadensis

Equisetum arvense

Lobelia pulmonaria

Lycopodium annotinum

Hylocomium splendens

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M P 2 9

Observers: Bowser, McInnis

Date 8 / 9 / 16 Time 10:45

PHOTOS 017-018

AVC: I.C.2.a

Earthworm sample? YES NO

Latitude: 60.44592°

Longitude: -151.08696°

Coordinate Error (m): 4

Get worms!

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

- | | |
|-----------------------------------|---------------------------------|
| <i>Picea glauca</i> | <i>Peltigera</i> |
| <i>Viburnum edule</i> | <i>Equisetum arvense</i> |
| <i>Calamagrostis canadensis</i> | <i>Rosa acicularis</i> |
| <i>Betula papyrifera</i> | <i>Nephrolepis arctica</i> |
| <i>Cornus canadensis</i> | <i>Pyrola asarifolia</i> |
| <i>Chamaenerion angustifolium</i> | <i>Salix hebbiana</i> |
| <i>Vaccinium vitis-idaea</i> | <i>Populus tremuloides</i> |
| <i>Gaocaulon lividum</i> | <i>Salix barclayi</i> |
| <i>Lycopodium annotinum</i> | <i>Streptopus amplexicaulis</i> |
| <i>Linnaea borealis</i> | <i>Lobelia pulmonaria</i> |
| <i>Gymnocarpium dryopteris</i> | |
| <i>Equisetum pratense</i> | |
| <i>Pleurozium schreberi</i> | |
| <i>Hylocomium splendens</i> | |
| <i>Trientalis europaea</i> | |
| <i>Orthilia secunda</i> | |

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID MG 3 0

Observers: Bowser, McIntyre

Date 28, 3/1/6 Time 12:25

PHOTOS 085-086

AVC: I.A.2.f

Earthworm sample? YES NO

Latitude: 60.4570°

Longitude: -151.07808°

Coordinate Error (m): 4

no worms

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

- Picea mariana*
- Ledum palustre*
- Betula nana*
- Rubus chamaemorus*
- Eryngium nigrum*
- Equisetum sylvaticum*
- Vaccinium vitis-idaea*
- Vaccinium oxycoccos*
- Peltigera*
- Vaccinium uliginosum*
- Pleurozium schreberi*
- Chamaedaphne caliculata*
- Calamagrostis canadensis* (?) yes
- Sphagnum*

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M G 3 1

Observers: Bowser, McInnis

Date 7/29/16 Time 14:15

PHOTOS 059-060

AVC: ~~W.A.~~ I.A.Z.f

Earthworm sample? YES NO

Latitude: 60.44545°

Longitude: -151.01874°

Coordinate Error (m): 4m

Cast worms

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

Picea mariana

Salix scouleriana

Rosa acicularis

Vaccinium vitis-idaea

Geocaulon lividum

Orthilia secunda

Cornus canadensis

Ptilium crista-casorenae

Equisetum pratense

Hylacomium splendens

Vaccinium uliginosum

Linnaea borealis

Peltigera

Chamerion angustifolium

Tridentaria europaea

Erigeron nigrum

Gymnocarpium dryopteris

Calamagrostis canadensis

Lycopodium annotinum

Equisetum sylvaticum

Salix barclayi

Poa sp. - ~~caespitosa~~ rhizomatosa, not caespitosa

Betula papyrifera

Poa pratensis

Pleurzium schreberi

Picea glauca

Goodyern repens

Lobaria pulmonaria

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M G 3 2

Observers: Bowser, McInnis

Date 7 / 29 / 16 Time 10:18

PHOTOS 001-063

AVC: I, B. 2. c

Earthworm sample? YES NO

Latitude: 60.44520°N

Longitude: 151.05978°W

Coordinate Error (m): 6 m

Got worms!

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

Lobelia pulmonaria

Populus balsamifera

Oplopanax horridus

Viburnum edule

Ribes triste

Sorbus scopulina

Calamagrostis canadensis

Gymnocarpium dryopteris

Dryopteris expanca

Sambucus racemosa

Tridentalis europaea

Geocaulon lividum

Aloxa mucchatellina

Alnus viridis

Equisetum arvense

Rosa acicularis

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M 6 3 3

Observers: Bowser, Stone, McInnis

Date 7, 21, 16 Time 14:04

PHOTOS

018-019
015-016

Earthworm sample?

YES

NO

Latitude:

N 60.44498°

Longitude:

W 51.05074

Coordinate Error (m):

+5

GET WORMS

LICHEN + BRYOPHYTE SAMPLE?

YES

NO

SWEEP NET (2 subsamples)?

YES

NO

List all plant species

Galium trifolium
Oplopanax horridum
Lycopodium annotinum
Trientalis europaea
Populus balsamifera
Cymocarpum dryopteris
Rubus pedatus
Picea glauca
Betula papyrifera
Trientalis europaea
Dryopteris expansa
Calamagrostis canadensis
Ribes triste
Equisetum pratense
Viburnum edule

Listera cordata
Chamerion angustifolium
Streptopus amplexicaulis
Rosa acicularis
Pyrola asarifolia
Cornus canadensis
Aconitum delphiniiifolium
Equisetum arvense
Linnaea borealis
Rubus idaeus
Orthilia secunda

Peltigera

Vaccinium vitis-idaea

Hylacomium splendens
Lobelia pulmonaria
Pleurozium schreberi

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M 6 3 4

Observers: Bowser, McInnis, Stone

Date 7 / 2 / 1 / 1 6 Time 13:15

PHOTOS 009-010

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

Earthworm sample? YES NO

Latitude: N 60.44495°

Longitude: W 151.04178°

Coordinate Error (m): ±6M

List all plant species

Oplopanax horridus
Picea glauca
Gymnocarpium dryopteris
Calamagrostis canadensis
Rosa acicularis
Dryopteris expansa
Chamerion angustifolium
Populus balsamifera
Sorbus scopulina
Equisetum pratense
Lycopodium annotinum
Viburnum edule
Orthilia secunda
Ribes triste
Streptopus amplexicaulis
Trientalis europaea

Equisetum arvense
Betula papyrifera
Pyrola asarifolia
Aconitum delphinifolium
Rubus pedatus
Linnaea borealis
Orthilia secunda
Cornus canadensis
Pleurozium schreberi

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M Q 3 5

Observers: Bowser McEanis

Date 7, 26, 16 Time 12:59

PHOTOS 001-002

AVC: I.C.2.a

LICHEN + BRYOPHYTE SAMPLE? YES NO

Earthworm sample? YES NO

Latitude: 60.44154°

Longitude: -151.07666°

Coordinate Error (m): 8

SWEEP NET (2 subsamples)? YES NO

no worms

List all plant species

<i>Picea mariana</i>	<i>Streptopus amplexicaulis</i>
<i>Betula papyrifera</i>	<i>Trientalis europaea</i>
<i>Menziesia ferruginea</i>	<i>Rubus pedatus</i>
<i>Equisetum arvense</i>	<i>Sorbus scopulina</i>
<i>Equisetum sylvaticum</i>	<i>Rosa acicularis</i>
<i>Viburnum edule</i>	<i>Salix scouleriana</i>
<i>Linnaea borealis</i>	<i>Pyrola asarifolia</i>
<i>Cornus canadensis</i>	<i>Geocaulon lividum</i>
<i>Gymnocarpium dryopteris</i>	<i>Vaccinium caespitosum</i>
<i>Vaccinium vitis-idaea</i>	<i>Ptilium clivata - castreana</i>
<i>Chamerion angustifolium</i>	<i>Ribes triste</i>
<i>Calamagrostis canadensis</i>	
<i>Sanguisorba canadensis</i>	
<i>Lycopodium annotinum</i>	
<i>Pleurozium schreberi</i>	
<i>Equisetum pratense</i>	
<i>Orthilia secunda</i>	

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID MG 37

Observers: Bowser, McInnis

Date 8 / 3 / 16 Time 14:30

PHOTOS 089-090

AVC: L.A. 3. d

Earthworm sample? YES NO

Latitude: 60.44108°

Longitude: -151.07819°W

Coordinate Error (m): ?

Get worms!

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

Picea mariana

Equisetum fluviatense

Vaccinium uliginosum

Ledum palustre

Platanthera dilatata

Calamagrostis canadensis

Betula nana

~~*Linum catharticum*~~

Vaccinium vitis-idaea

Salix pulchra

Equisetum arvense

Comarum palustre

Vaccinium oxycoccos

Salix barclayi

Carex spp.

Salix fuscescens

Rubus chamaemorus

Pleurozium schreberi

Drosera rotundifolia

Carex tenuiflora

Carex aquatilis

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID M G 3 9

Observers: Bouser, McTannis

Date 7, 29, 16 Time 13:01

PHOTOS 030-031

AVC: I.A.2.f

Earthworm sample? YES NO

Latitude: 60.44067°

Longitude: -151.06023

Coordinate Error (m): 4

no worms

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

- | | |
|------------------------------|-----------------------------|
| <i>Picea mariana</i> | <i>Salix pulchra</i> |
| <i>Lodum palustre</i> | <i>Vaccinium oxycoccus</i> |
| <i>Rubus chamaemorus</i> | <i>Cladonia</i> |
| <i>Betula nana</i> | <i>Pleurozium schreberi</i> |
| <i>Sphagnum spp.</i> | |
| <i>Equisetum sylvaticum</i> | |
| <i>Peltigera</i> | |
| <i>Geocaldon lividum</i> | |
| <i>Vaccinium uliginosum</i> | |
| <i>Equisetum arvense</i> | |
| <i>Salix barclayi</i> | |
| <i>Vaccinium vitis-idaea</i> | |
| <i>Empetrum nigrum</i> | |
| <i>Nephroma arcticum</i> | |
| <i>Andromeda polifolia</i> | |

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID MG 41

Observers: Bowser, McInnis, Stone

Date 7/21/16 Time 11:18

PHOTOS 001-002

LICHEN + BRYOPHYTE SAMPLE? YES NO

Earthworm sample? YES NO

Latitude: 60.44040°

Longitude: -151.04222°

Coordinate Error (m): 5

got worms!

SWEEP NET (2 subsamples)? YES NO

List all plant species

Populus tremuloides

Chamerion angustifolium

Calamagrostis canadensis

Rosa acicularis

Gymnocarpium dryopteris

Cornus canadensis

Vaccinium vitis-idaea

Lycopodium annotinum

Hylocomium splendens

Viburnum edule

Picea glauca

Betula papyrifera

Geocaulon lividum

Equisetum arvense

Linnaea borealis

Pleurozium schreberi

Pyrola asarifolia

Salix scouleriana

Trientalis europaea

Orthilia secunda

Equisetum pratense

Goodyera repens

Lobelia pulmonaria

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID S K 0 3

Observers: Matt Bouser

Date 7/19/16 Time 09:02

PHOTOS 052-053

Earthworm sample? YES NO

Latitude: 60.46782°

Longitude: -151.06702°

Coordinate Error (m): 8

2 worms

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

- Betula papyrifera*
- Picea glauca*
- Rosa acicularis*
- Gymnocarpium dryopteris*
- Linum borealis*
- Lycopodium annotinum*
- Viburnum edule*
- Chamerion angustifolium*
- Orthilia secunda*
- Populus balsamifera*
- Rubus pedatus*
- Trientalis europaea*
- Equisetum ~~pratense~~ pratense collecta (check)*
- Listera cordata*
- Geocaulis livida*

- Ptilium crista-castrense*
- Cornus canadensis*
- Streptopus amplexicaulis*
- Calamagrostis canadensis*
- Pyrola asarifolia*
- Goodyera repens*
- Vaccinium vitis-idaea*
- Hylacomium splendens*
- Pleurozium schreberi*
- Lobelia pulmonaria*

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID S K 0 4

Observers: ML Bouyer

Date 7 / 19 / 16 Time 12:36

PHOTOS 067 - 068

Earthworm sample? YES NO

Latitude: 66.46732°

Longitude: -151.04860°

Coordinate Error (m): 7

several worms

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

Betula papyrifera

Rosa acicularis

Populus balsamifera

Populus tremuloides

Picea glauca

Chamaerion angustifolium

Lycopodium annotinum

Gymnocarpium dryopteris

Pyrola asarifolia

Platanus schroberi

Peltigera sp.

Lobelia pulmonaria

Orthilia secunda

Calamagrostis canadensis

Trientalis europaea

Ribes triste

Equisetum pratense (?) (same as SK03)
yes.

Hylocomium splendens

Vaccinium vitis-idaea

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID SK 08

Observers: Bowser, Stone

Date 7/22/16 Time 09:55

PHOTOS 053-054

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

Earthworm sample? YES NO

Latitude: N 60.4511°

Longitude: W 151.0860°

Coordinate Error (m): ± 5 M

Got worms

AVC: I.C.2.6

List all plant species

Betula papyrifera

Picea glauca

Populus tremuloides

Ribes triste

Lobelia pulmonaria

Chamaenerion angustifolium

Cornus canadensis

Orthilia secunda

Calamagrostis canadensis

Polytrichum

Equisetum pratense

Achillea millefolium

Vaccinium vitis-idaea

Linnaea borealis

Rosa acicularis

Rubus pedatus

Dryopteris expansa

Ptilium crista-castrense

Moechlingia laterifolia

Trichostema europaea

Pyrola asarifolia

Pleurozium schreberi

Hylocomium splendens

Geocaulon lividum

Listera cordata

Peltigera

Lycopodium annotinum

Aconitum delphinifolium

Athyrium filix-femina

Moneses uniflora

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID SK 15

Observers: Bowser, McInnis

Date 8 / 9 / 16 Time 09:54

PHOTOS 003-004

AVC: I.C. 2a

Earthworm sample? YES NO

Latitude: 60.45033°

Longitude: -151.08679°

Coordinate Error (m): 8m

Got worms

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

Plot includes part of old ski trail.

List all plant species

- | | |
|---------------------------------|------------------------------|
| <i>Picea glauca</i> | <i>Hylacomium splendens</i> |
| <i>Picea mariana</i> | <i>Plenroziium schreberi</i> |
| <i>Rosa acicularis</i> | <i>Orthilia secunda</i> |
| <i>Vaccinium vitis-idaea</i> | <i>Lycopodium annotinum</i> |
| <i>Cornus canadensis</i> | <i>Sorbus scopulina</i> |
| <i>Empetrum nigrum</i> | <i>Peltigera</i> |
| <i>Chamerton angustifolium</i> | <i>Lobaria pulmonaria</i> |
| <i>Ledum palustre</i> | |
| <i>Linnaea borealis</i> | |
| <i>Peltigera</i> | |
| <i>Geocaulon lividum</i> | |
| <i>Calamagrostis canadensis</i> | |
| <i>Salix scouleriana</i> | |
| <i>Agrostis scabra</i> | |
| <i>Betula nana</i> | |
| <i>Betula papyrifera</i> | |

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID S K 1 6

Observers: Bowser, McInnis

Date 8 / 3 / 16 Time 10:11

PHOTOS 057-058

III. A. 3.k

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

Earthworm sample? YES NO

Latitude: 60.45017°

Longitude: -151.06886°

Coordinate Error (m): 3

no worms

List all plant species

- | | |
|--------------------------------------|---------------------------------|
| <i>Picea mariana</i> | <i>Carex pauciflora</i> |
| <i>Andromeda polifolia</i> | <i>Prosera rotundifolia</i> |
| <i>Sphagnum</i> | <i>Hemeroc</i> |
| <i>Myrica gale</i> | <i>Equisetum fluviale</i> |
| <i>Carex livida</i> | <i>Eriophorum</i> sp. |
| <i>Trichophorum caespitosum</i> | <i>Betula nana</i> |
| <i>Eriophorum angustifolium?</i> yes | <i>Ouncus</i> sp. |
| <i>Carex</i> | <i>Viola</i> sp. |
| <i>Vaccinium oxycoccos</i> | <i>Trientalis europaea</i> |
| <i>Spiraea stevenii</i> | <i>Calamagrostis canadensis</i> |
| <i>Carex rotundata</i> | <i>Carex rotundata</i> |
| <i>Ledum palustre</i> | <i>Carex limosa</i> |
| <i>Vaccinium uliginosum</i> | <i>Eriophorum schenckii</i> |
| <i>Elymus alpinus</i> | |
| <i>Pedicularis lebridiorica</i> | |

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID S K L 7

Observers: Bonser, Swam, Dziergowski

Date 7/20/16 Time 13:28

PHOTOS 81-82

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

Earthworm sample? YES NO

Latitude: 60.44959°

Longitude: -151.05025°

Coordinate Error (m): 4

pd. several worms

List all plant species

- Alnus viridis*
- Oxypanax horridus*
- Calamagrostis canadensis*
- Gymnocarpium dryopteris*
- Equisetum sylvaticum*
- Dryopteris expansa*
- Trientalis europaea*
- Equisetum arvense*
-
- Streptopus amplexicaulis*
- Rubus idaeus*
- (Birch) papyrifera*
- Betula*
- pleurozium schreberi*

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID S K 2 2

Observers: Bowser, McInnis

Date 8 / 9 / 16 Time 11:41

PHOTOS 020-021

I.A. 2. f

Earthworm sample? YES NO

Latitude: 60.44138°

Longitude: -151.08765°

Coordinate Error (m): 5

None

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

Picea mariana

Equisetum sylvaticum

Vaccinium vitis-idaea

Rubus chamaemorus

Sphagnum

Calamagrostis canadensis

Betula nana

Elymus nigrum

Splechnum luteum

Ledum palustre

a sedge with no inflorescence

Vaccinium oxycoccos

Pleurozium schroberi

I walked around for a while but I failed to find any more.

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID SK 23

Observers: Bowser, McInnis

Date 8 / 31 / 16 Time 13:36

PHOTOS 087-088

AVC: Steve I.C.I. I.C.I. a - but lots of aspen

LICHEN + BRYOPHYTE SAMPLE? YES NO

Earthworm sample? YES NO

Latitude: 60.44094

Longitude: -151.06929

Coordinate Error (m): 5

Got worms!

SWEEP NET (2 subsamples)? YES NO

List all plant species

<i>Picea glauca</i>	<i>Pyrola asarifolia</i>
<i>Betula papyrifera</i>	<i>Calamagrostis canadensis</i>
<i>Populus tremuloides</i>	<i>Menziesia ferruginea</i>
<i>Rosa acicularis</i>	<i>Trientalis europaea</i>
<i>Chamaenerion angustifolium</i>	<i>Gaultheria repens</i>
<i>Cornus canadensis</i>	<i>Rubus pedatus</i>
<i>Gymnocarpium dryopteris</i>	<i>Sorbus scopolina</i>
<i>Vaccinium vitis-idaea</i>	<i>Equisetum pratense</i>
<i>Geocaulon lividum</i>	<i>Plenroizium schreberi</i>
<i>Orthilia secunda</i>	<i>Ptilium crista-castrense</i>
<i>Linnaea borealis</i>	<i>Lobaria pulmonaria</i>
<i>Lycopodium annotinum</i>	
<i>Spiraea stercoraria</i>	
<i>Streptopus amplexicaulis</i>	
<i>Hylacomium splendens</i>	

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID S K 2 4

Observers: Bowser, McInnis

Date 7, 29, 16 Time 11:40

PHOTOS 011-012

AUC: 11. C. 2. i

Earthworm sample? YES NO

Latitude: 60.44053°

Longitude: -151.05139°

Coordinate Error (m): 3

n = worms

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

Calamagrostis canadensis

~~*Salix bebbiana?*~~

Myrica gale

Comarum palustre

Equisetum fluviale

Carex sp. *Carex aquatilis*

Polemonium acutiflorum

Salix pulchra

Salix commutata (collected some willow variations) - all *Salix commutata*

Stellaria calycantha

Galium triflorum? yes

Rubus arcticus

SLIKOK CREEK LTEMP SAMPLING - 2016

GENERAL INFORMATION

Point ID SK 25

Observers: Bowser, Stone, McInnis

Date 7/21/16 Time 12:19

PHOTOS 007-008

Earthworm sample? YES NO

Latitude: N 60.44022°

Longitude: W 151.03270

Coordinate Error (m): ± 5m

No worms

LICHEN + BRYOPHYTE SAMPLE? YES NO

SWEEP NET (2 subsamples)? YES NO

List all plant species

<i>Picea glauca</i>	<i>Linnaea borealis</i>
<i>Betula papyrifera</i>	<i>Peltigera</i>
<i>Rosa acicularis</i>	<i>Pyrola asarifolia</i>
<i>Chamaenerion angustifolium</i>	<i>Listera cordata</i>
<i>Calamagrostis canadensis</i>	
<i>Vaccinium vitis-idaea</i>	
<i>Gymnocarpium dryopteris</i>	
<i>Lycopodium annotinum</i>	
<i>Cornus canadensis</i>	
<i>Populus tremuloides</i>	
<i>Empetrum nigrum</i>	
<i>Salix barclayi</i>	
<i>Vaccinium uliginosum</i>	
<i>Hylocomium splendens</i>	
<i>Geocaulon lividum</i>	
<i>Plenrozum schreberi</i>	

The soil temp data logger had been dug up and bitten. We re-buried it.