

(10 Jan 2017) - found 1 rosette gall on

Salix pulchra north of Healyquinn
Lake. Photographed (frames 0145 - 0154).

→ 2017MLB007.

frames 0155 - 0161: stem / leaf base gall
on S. pulchra → 2017MLB008

frames 0162 - 0167: rosette gall on
Salix pulchra - 2017MLB009

(12 Jan 2017) I drove out Skilak Loop
looking for gall midges on Salix
bobbiana. At Bott Lake there
was Salix bobbiana, S. scouleriana,
and S. pulchra, but I found no
galls.

At Lower Skilak campground there
was lots of S. bobbiana and
S. pulchra. There was also S. glauca
and S. alaxensis. I spent quite
a while focusing on S. bobbiana.
I did find some growths that might
be galls (2017MLB016), but not
many.

I also found what might be galls
 or what might be Salix glauca
 (2017ME8011). (frames 001 - 014)

(11. March 2017)

John and I sampled spruce
 tips for stable isotope work out in
 the Beaver Creek drainage.
 We finished transects 34 and 35.

(21. March 2017)

Ethan and I parked at Spirit Lake Rd
 and hiked down to Beaver Creek
 drainage, started spruce tip sampling
 at 12-1000. No spruce near 12-750.

We finished the Refuge portions
 of transects 12, 11, and 13.
 We wanted to get 14, but we
 ran out of time.

6 (22. March 2017)

Travis Mabe and I sampled spruce
types on Beaver Creek transects 19, 20,
and 21.

(23. March 2017)

Jon Peura and I sampled Beaver
Creek transects 30, 28, and 29.

(24. March 2017)

Jon and I sampled Beaver Creek
transects 25, 26, and 27.

(27. March 2017) Apphia and I

sampled on Beaver Creek transects
4, 6, and 5

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(28. March 2017) Ethan and I

hiked out to transect 14 and sampled
spruce types. We attempted to
cross Beaver Creek to transect
15, but the ice on the creek
gave way. We then headed toward
transect 16, but the weather worsened
and it was getting later, so we
headed back.

(22 May 2017) - photographed an insect stuck
in a leaf of Pinguicula villosa in
Headquarters Lake wetland (frames
0161 - 0181).

(1 June 2017) Cole and F paddled across
Headquarters Lake and then walked down
to Slikok project site SK16, from
the vicinity of which we collected
and photographed a Viola.

On the way back we photographed
and collected a large crab
(frames 11-13), (2017 MCB012)
we collected a ditrypetid larva
from a pool (BOLD-CX1).

(22 June 2017)

Gull Rock at about 14:00.
Saw Fucus in intertidal
frames 10-11 + green alga in tide
pool. → collected → 2017 MCB013
Photographed a snail on rocks in foreground
→ 2017 MCB014
Other amphipods, etc. on the
beach → 2017 MCB015
amphipod → BOLD-763
snail → BOLD-902

Ethan found a pseudoscorpion
in the rocks above high tide
→ 2017 MCB016
More from vicinity of pseudoscorpion
→ 2017 MCB017

Ethere found *canadensis* under log
-2017 MCB018

See *Taraxacum canadense* here.

At Johnson Creek collected
aquatic samples

BOLD-999 - Plecoptera

BOLD-M26 - ephemeroptera

BOLD-543 - ephemeroptera

BOLD-265 - plecoptera

BOLD-IM2 - flat worms?

BOLD-963 - Trichoptera

15 June 2017

The whole family and Wyatt
drove down to Homer to look for
larvae of *Pelleia*. We arrived at
Kin's parents' house at 10:35.

We collected a number of worms here
using mustard powder extraction and
flp and strip methods → 2017 MCB019

At 12:17 we were at a place off of
Bear Creek Rd. This was at 59.66759°
N 151.46080°W. We collected
here → 2017 MCB020

At 13:15 we were at the Nelsons' house
at the end of China Point. This
was at 59.68548°N $151.42825^{\circ}\text{W}$.
→ 2017MLP021

Later we walked down to the creek
at $59^{\circ}41'2''\text{N}$ $151^{\circ}25'39''\text{W}$. We
found worms here. We also found
eggs on a rock in the water
→ BOLD-308.

worms from stream → 2017MLP022

At 15:00 we stopped at Bishop's
Beach. At 59.63575°N $151.53991^{\circ}\text{W}$
we found a few small worms but no
Lumbricus. - 2017MLP023

23 June 2017

Out helping Mark with drone flight

267-1360 ← RLM
dispatch

27 June 2017

I walked to Slibok project site
MG05 to look for the birch I
had identified as "Betula occidentalis".
All of the tree-sized birches here are
Betula neoalaskana. There is a
shrubby birch only 4 m or so from
plot center. I photographed this
(frames 255-261).

28, June, 2017

I met Ilya and Olga at
Tern Lake. They followed me
to Fuller Lake trailhead, then
we car-pooled from there. We
stopped at the East Fork of the
Moose River at 12.00.

Olga used a fine aquatic net and
a seine to collect spheroed clams.

We collected shells by hand, looking
under rocks in the stream. Ilya

donned a dry suit to look for
Ilya picked up a lamprey. I clipped
a little from fish (BOLD-W44).

Ilya found only Anodonta shells
here, but no live animals.

We drove to Watson Lake
campground. Ilya again found no
Anodonta here. It was too muddy.

I photographed and collected two
beetles - 2017MIB024

We next parked at the Egumen
Lake pull-off and walked to the
outlet of Egumen Lake, where
I had collected Anodonta
before.

We found plenty of Anodonta here
 at the outlet of Eggenen Lake.
 I saw some deformed Lysimachia
 (spelling?) at the outlet. I photographed
 these and collected psyllids feeding
 on the plants (2017 MCB025) also
 BOLD-SR3. I collected a Diptera(?)
 pupa (BOLD-QL7) and larva
 (BOLD-X56) from under a piece of
 wood in the stream. Back at the
 truck at 15:41.

30 June 2017

I took a walk toward Healdquinn
 Lake. I photographed and collected a
 cestode on Ribes ~~triste~~ (frames 778
 -503) (2017 MCB026).

At the float plane dock I collected
 some seed clams (2017 MCB027)
 A leech I found on a Lilly pad
 I put in a Lifescanner vial BOLD-H02
 after photographing it.

(19 July 2017) This afternoon I walked out on the Centennial Trail to sample Kernal vng project site 541. On the way back I found a sickly looking vrlc which was easily caught. It had four ticks on its head. I collected those (2017 MCB028)

(21 July 2017) Todd and I drove out to Lower Skillet camp ground. I photographed and collected a slug near the lake (2017 MCB029). We looked for pseudoscorpions for quite a while, but we found none. We did find some prostrate Salix just west of the camp ground on the lake shore.

We next visited the tree plantings at the wildlife viewing area. Grass had grown up thickly around them.

We sampled two vey classification plots nearby.

We stopped in the wildlife viewing area where seed had been dispersed. The Erysimum mustard was still doing well. There were some daisy-like composite flowers.

20 25. July 2017

11:42 - Todd dropped Cindy, Emily, and me off at Emma Lake Trail to do veg surveys.

First plot, 2024. Done

Next is 565. Starting at 11:52

Arrived at 563 at 12:10. (lunch)

Arrival at 582 at 13:36

Healed back down the trail. Arrived at 575 at 15:04

26. July 2017

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We are headed out to Tustunachugah today.

Kyla, Emily, and I were dropped off on the S shore W of Caribou Island. We were at plot 1974 at 10:20. Next is 1975.

Arrived at 1975 at 10:43

At 1976 at 11:10.

At 1977 at 11:44 (lunch here)

At 1978 at 12:43

It is a wet day!

At 1979 at 13:39. Tide, rick

Next is 1987. At 1987 at

14:22. At 119 at ~15:00.

22 (28 July, 2017)

On Skitlak Lake today with T. & D.,
Family, Cade and Mary. At plot
1969 at 11:02. At 1967 polygons
at 11:45. We could not make it to
plot center. It is too wet.
At 1966 at 12:22. At 128 at
13:56. At 1960 at 14:54

(31 July, 2017) Working on veg plots
off of the Sterling Highway today. Parked
near Lily Lake. At 1013 at 10:30.
At 1014 at 10:57. At 1012 at 11:32.
At 1010 at 11:58. At 1009 at 12:24.
(lunch) At 1011 at 13:10. This was
over in the lake. D: 1006, At 1007
at 13:48. At 1016 at 14:25.

At 1018 at 14:44. Finishing 1017