

(2013 MCB 092, was last collector number)

2 [27. Sept. 2017]

I walked down to Healyquarter
Lake and swept for insects
finding none. I also did some
looking in moss for eggs, finding
none.

[17. Oct. 2013]

I did some sweeping for
insects down at Healyquarter
Lake, but found none.

At 60.46057°N $151.07942^{\circ}\text{W} \pm 5\text{m}$
I picked up and photographed some
club fungi under spruce and birch.

[25. Oct. 2013]

3

I took a walk on the ski
trails in the middle of the day. At
 60.46116°N $151.09252^{\circ}\text{W} \pm 22\text{m}$, ext 1m

I collected an orthocid and a
beetle from *Sphagnum* moss
at the edge of a small pond
(2013 MCB 093).

Make that 60.46109°N $151.08267^{\circ}\text{W}$
 $\pm 6\text{m}$, ext 1m. I photographed the
aphid and its habitat.

I started looking it without for
potential damage due to
Tricholophus. I dug around
Salix bebbiana in the
nearby power line clearing,

but I found no such evidence. At 60.46082°N

151.08385°W ± 8m, wet 1m

I pulled up a small willow, with scouleriana or bebbiana, that had some external root damage.

(frames 3550-3553). This was not a willow. It is Viburnum edule.

At 60.45808°N 151.08356°W 8m, wet

1m I collected Cirrus nympha under black spruce on Sphagnum moss with Vaccinium vitis-idaea and Empetrum nigrum. This is a well-drained site.

2013 MCB094.

29 Oct. 2013

I returned to the site where I had collected the cirrids and actinid on 25 October (2013 MCB094)

& photographed the site (frames 3601-3604). I would like to identify the host of the actinid. The

microsite is Sphagnum and Pleurozium moss below a dead

black spruce tree, with Empetrum, Vaccinium vitis-idaea,

Ledum palustre, and Chamaedaphne calyculata. I looked thoroughly through moss and leaf

Rue within a radius of about
10m, paying particular attention
to mycelia, buried dead
spore nests and buried logs.
I did find a number of
fulgoid mycelia, but I
think they are all cirrhi.
(2019MIG 095)

(31. Oct 2018)

Nota and I are headed out
to Swanson Prince Road
to service two snow
markers. We will be
removing them. Marker
SB 6 is at $60.72872^{\circ}N$

$150.66500^{\circ}W$. SB 9 is at $60.76400^{\circ}N$
 $150.82900^{\circ}W$. We are headed first
to SB 9.

At 11:26 we were at the
coordinates of SB 09, but there
was no marker here. This
feels like a coordinate error
because this site is too
forested for a snow benchmark.
We had better luck retrieving
SB 6.

On the way back we saw a
tree stand by Becker Creek at
 $60.72779^{\circ}N$ $150.66731^{\circ}W$ 3/4 mi. out
6m. I photographed this.

Back at the track at $60.72561^{\circ}N$
 $150.66919^{\circ}W \pm 5m$, cut 2m &
 looked in peatling wood, moss,
 and duff for *Pulgoroides*.
 I did find a myrioph
 (2013MCS096). There were some
 tiny white mushrooms in cavities
 in the duff that forcibly
 sent out puffs of spores when
 disturbed. I photographed
 some of these.

1. Nov. 2013

Eate comb. ~~10/10~~

We drove out first to Marathon
 Rd. to snow marker SB10. We
 could not reach it because the
 wetland has flooded. Now
 we are headed to the correct
 location of SB9. Searching
 SB9 went smoothly.

4. Nov. 2013

I took a walk on the ski trails
 specifically looking for *Cixidia*
 in the vicinity of where I had
 picked up one earlier. Searching
 through moss and duff and
 underground logs yielded nothing.

Under bark of a dead local
black spruce I found what
appears to be a *Ciridia*.

It had been within about
3 cm of a fruiting body of
witches butter. This was at
60.45808°N, 151.08398°W 36m, up
1m. → 2013MLB097.

5. Nov. 2013

I returned to the same log
where I had collected
2013MLB097 yesterday. Only
a few cm away, a little
deeper within the log in what
were old ant galleries

were two 5th instar (?)

Ciridia nymphs in a cavity
sparsely lined with waxy
secretions. I did not see
much in the way of obvious
fungal mycelia or fruiting
bodies in the vicinity.
I photographed this cavity
(frames 3660-3663).

I found more under bark
of the same log.

I found several more, multiple
instar, in a mostly buried under
Hylocomium moss black spruce
log (frame 3664).

→ 2013MLB098

Nearby I collected another
5th instar achilid nymph
from under bark of a rotting
black spruce log. This one
I placed in a vial packed with
the same rotten bark and wood
from which it had been
collected. I placed this under
the log (at the basal end
of the log), hoping that it
will overwinter and eclose
here. This is at 60.45810°N
151.08386°W ± 7m, ext 0m.
(2013MLB099)

(6, Nov. 2017)

I took a walk to where I
had been collecting yesterday.
Despite about an hour of
searching I found no achilids.
I had been wanting to
photograph nymphs using the
SLR. I did collect two
moss / duff samples (mostly
Hylocomium and duff).
2013MLB100
At 60.45972°N 151.08148°W ± 10m,
ext 1m. I found a 5th instar
Cirridia nymph. I photographed
it with both cameras. I placed
it with bark and moss in a
paper bag & labeled 2013MLB101

and placed this under Sphagnum
~~mass~~ under (right beside) the
 log where it had been
 photographed.

[21. Nov. 2013]

At 60.45825°N $151.08531^{\circ}\text{N} \pm 7\text{m}$
 east 2m & collected rose ~~leaf~~
 beak, and stem galls from
Salix borealis. This was
 under the power line off
 the Hawling Hill trail.

→ 2013MLB102

[9. Dec. 2013]

Dominique, Manly, and I
 drove over to Watson Lake to
 collect willow galls.

We collected "A galls" on S. borealis
 stem galls on Salix pulchra.

Dominique said to check
 the S. pulchra stem galls
 to make sure that they are
 not R. rigidae, which will
 have a gall that is open on
 the end. We worked north
 of the parking lot starting at
 60.53757°N $150.46315^{\circ}\text{N} \pm 5\text{m}$.

frames 3920 - 3924 here.

I am labeling all these specimens

2013MLB103

Next we sampled by the Sterling Highway on the East Fork of the moose River. This was at 66.53128°N $150.46115^{\circ}\text{W} \pm 6\text{m}$.

→ 2013MLB104. Here we picked up stem galls of Salix bethulae. We also picked up potato stem galls on S. borealis here.

We next drove to June Landing. We are looking here for more galls on Salix viticensis.

→ 2013MLB105. 60.49155°N $150.11580^{\circ}\text{W} \pm 9\text{m}$.

(29 Jan 2014)

Today I took a walk. In the middle of the Chechako Loop is an old seiv line running at about 12° .

At 60.46089°N $151.08174^{\circ}\text{W} \pm 5\text{m}$ I photographed this looking N (frames 4240-4241) and S (frame 4242).

Coordinates for the Lithobium galls I collected the other day: 60.41112°N $151.07814^{\circ}\text{W} \pm 8\text{m}$.

I looked for Tricholephus under leaf litter, but found only several Elaenostichus.

18. Feb. 2014

I retrieved specimen 2013MLB099
a Cixidia nymph that I
had placed under a log in
leaf litter in a vial. This was
quite difficult to extract.

Some water had gotten into
the vial. I had left it
loosely capped.

I also retrieved 2013MLB101.

24. Feb. 2014

At 60.45211°N $151.05211^{\circ}\text{W} \pm 5\text{m}$ I
photographed a nice birch tree
(frames 4306-4367). The tree
itself rose at 60.45225°N $151.05206^{\circ}\text{W}$
 $\pm 7\text{m}$. DBH: 28.3 in.

5. March, 2014

At 60.46454°N $151.08649^{\circ}\text{W} \pm 5\text{m}$

I collected several scolytinae
from under bark of a dead,
fallen black spruce (frame 4430).

11. March, 2014

At 60.46279°N $151.07559^{\circ}\text{W} \pm 6\text{m}$

I collected a fly puparium from
leaf litter. - 2014MLB101 (frame
4496).

13. March, 2014

I dug up a Boechnia root
near the Headquarters parking lot
 60.46574°N $151.07283^{\circ}\text{W} \pm 5\text{m}$. →

2014MLB162

20 (14. March 2014)

I photographed and collected a black caterpillar on the trail at
60.45876°N 151.08194°W ± 4m →

2014 MCB103

At 60.45988°N 151.09153°W ± 5m I collected some earthballs growing on an old birch log that had *Diptera* larvae in them. + 2014 MCB104

(29. Apr. 2014)

It is so good to be outside going on a walk again! In a temporary pool on the ski trail where it meets Headquarters Lake I photographed and collected what I think are

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ephydrid flies. (2014 MCB105)

At 60.45792°N 151.08371°W ± 6m, at 2m

I deployed a malaise trap, hoping to collect dispersing *Cixidia* adults. This trap is damaged and needs repair. (frame 5093).

I dug up a few fireweed shoots. These were small and white this time of year. They arose directly from the bases of last year's plants from a woody base. They tasted good.

In the old septic leach field
 I saw a mourning ^{Mitlenia} loach
 which I photographed, but will
 not get close to. I saw
 another at the pond where I
 had collected ephyrae a little
 while ago.

[1 May 2014]

Today I am headed out with
 Ryan Brinkman and Chris
 Monson (907) 830-0417. We are
 headed out to Skilak Glacier Flats
 to look for a crashed plane.

On the water at 12:42 at Upper
 Skilak.

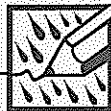
We were at the wreck at 15:00
 Standing by the door of the
 upside-down plane (tail
 number N3024F), my coordinates
 are 60.37709°N 150.08101°W ± 4m.
 (saved as waypoint 079)
 I took photos here (frames
 5131-5150). There was a little
 bit of oil on the water downstream
 of the plane, but I think most
 of the oil or fuel has washed
 downstream. I collected some
 arthropods here (2014MEL106)

As we walked back, a Super
 Cut landed to check on us.
 These were Bob and Bobby Bruden

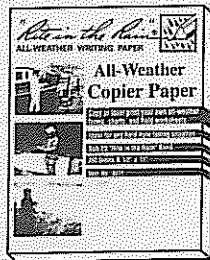
Our walk back was much better than the walk in because we avoided the thick alders and cottonwoods to the south. It was 19:50 when Tracy and I made it back to the office.

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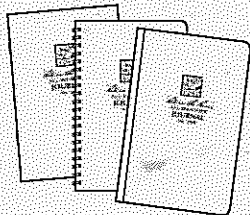
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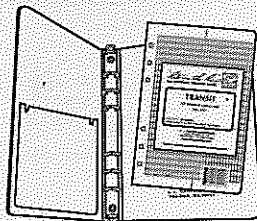
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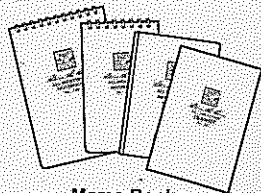
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