

# Daily Log: Summer 2024

June 9, 2024

*24 April 2024*

Started Smither's field work prep:

- Researched tagging adult trees and started git issue of where to buy tags and what type of nails to use:  
<https://github.com/lizzieinvancouver/bc/issues/2>
- Looked into booking campsite
  - Riverside municipal—6 people max, two tents—\$26
  - Tyhee Provincial parks—4 people max, three tents—\$27+7(fees)
  - Dates: July 15-23

Worked from home. Attended the Bayes for Conservation meeting and worked on revisions to the Traitors manuscript. Sent a follow-up email to Nacho to check in on the conceptual figure.

*25 April 2024*

Campus day. Pouring rain! Helped with Christophe's observations with Justin and Mao. Rotated pots between growth chambers, except for the pots from the big chamber that we just moved on Monday.

One of the middle chambers smells bad! There is also water leaking out of the bottom vs out of the drainage pipe. I think this is because people keep tripping over the pipe and kicking it! Will try duct taping it next week and figure out how to lift the floor to see if the drain is clogged before putting in a work order.

The irrigation system has been installed in greenhouse so Mao and I wiggled some of the pots around so they would all be watered for the next few days. Also noticed some bepa are falling over in the greenhouse

(too tall for the small pots they are in) and there are roots coming out of some of the ones in the growth chamber—will tell Christophe so he can prioritize repotting them!

Also applied for a Ministry of Forestry job.

*26 April 2024*

Worked from home. Spent the morning doing miscellaneous admin tasks:

1. Replied to git issues and sent emails regarding Christophe's project.
2. Set up meeting for Monday to discuss conceptual figures for trait papers with Nacho.
3. Called Kon Auto—taking car in Wednesday

Afternoon spent doing edits for the NEE revisions of our Synchrony MS.

*29 April 2024*

Campus day. Met with Nacho to discuss trait conceptual figures. Met Ken, Selena, and Justin in the lab at 1pm. Cleaned the lab with help from Selena and later Justin. Worked on NEE edits to Synchrony MS.

*30 April 2024*

Worked from home. Finished edits to Synchrony MS and emailed Lizzie. Canceled Kon auto—car wouldn't start and no one around to help me boost it, also feeling a little overwhelmed and decided to prioritize getting Synchrony done!

*1 May 2024*

Worked from home. Emailed Google sheet for lab equipment inventory to Selena, coordinating with Christophe, and updating git issues for fuelinex and egret. Worked on traitors writing.

*2 May 2024*

Campus day, so beautiful and sunny! Met with Christophe and helped him get set up. Helped him with observations in the growth chamber and talked a bit about the irrigation system. Continued working on the traitors edits.

*3 May 2024*

Worked from home. Had personal matters and decided to take a personal day. Will work over the weekend instead.

*4-5 May 2024*

Incorporated Lizzie's comments on my Synchrony MS and sent it back to Lizzie.

*6 May 2024*

Morning spent incorporating minor edits from Lizzie regarding Synchrony MS and sending emails. Went to campus and met with Christophe. We discussed his experiment and options for putting the tapes on the trees. Sent him and Mao info on lab data management. Applied for job in Northwest Territories and prepared for interview with Team Shrub.

*7 May 2024*

Worked from home. Booked the Smithers campground for July. Worked on traitors ms edits. Spent some time working on the conservation4bayes Stan modeling. Prepped for Team Shrub interview—including 1 page statement for collaboration and 1 page research proposal.

*8 May 2024*

Worked from home. Had a postdoc interview, which I hope went well. Submitted Synchrony revisions. Sent emails and did various logistics administria.

*9 May 2024*

Worked a half day before taking off for a vacation! Replied to emails, worked on Cons4bayes Stan modeling and a little bit of traitors writing.

*14 May 2024*

Back from vacation, but had a personal medical thing pop up. Received an invitation to interview Wednesday for the Hakai postdoc while on vacation, which I scrambled to prep for.

*15 May 2024*

Interviewed for the Hakai postdoc, which sounds like a cool opportunity! Replied to emails regarding ISP

and worked on preparing better documentation for future. Working my way through emails from the past few days. Afternoon spent working on the traitors MS and egret cleaning.

*16 May 2024*

Spent time catching up on literature and recently published Nature papers. Wrote lab wiki for onboarding process for labgit repo. Afternoon spent working edits to the traitors ms, including revisions to figures. Went to Canadian tire to buy things needed to start cookie sanding, since my Amazon order will take a couple of week!

*17 May 2024*

Replied to egret git issue comments. Spent some time looking for jobs and postdoc postings, found some interesting jobs to apply to. Worked on my talk for CSEE, finished first draft. Afternoon spent finished edits to traitors ms—will read it one last time over the weekend and send it to Lizzie. Went to campus, started organizing cookies to begin sanding and looked for the Field Supplies invoice in the lab—someone took it out of the pouch on the box, maybe it is in Lizzie’s office?

*20 May 2024*

Started prepping cookies for the tree ring project. Most of the sandpaper grits are hard to find. I had to order them from Amazon and they are taking a very long time to arrive. I started with 120 grit, it took 4 hours to do our 93 cookies. I think getting a good even surface without scratches will be really hard! But maybe I will get better with more practice. The 3-D printed trays for the cores did not work very well. I used water soluble wood glue, as recommended, but the force of the belt sander caused them to come off and became projectiles! Maybe wood glue or super glue would work better.

*21 May 2024*

Campus day: one of the wettest summer days I may have ver experienced in Vancouver! I attended an interesting talk in the department on AI in research and teaching. Afterwards I met with Christophe to check-in on his project, using lab equipment and cameras, the lab car, summer plans, and getting him started using LaTeX/TexShop. I also worked on the NHT box figures for cons4baves a little bit, but did not make a ton of progress. Today I received an offer for the Hakai post doc! Lot’s to think about!

*22 May 2024*

Started the day meeting with Lizzie to discuss negotiating for jobs, even post docs! I also chatted with Christophe about buying a new battery for the Ascent and just putting on on/off switch on it! Spent most of the day working on egret related organization—replying to git issues and sending emails. Assigned papers

to re-download ones not covered from Google drive. I did ten and it only took 20min and I was able to get 80%. Sent a poll to find a time for lab meeting and worked on my talk for CSEE.

*23 May 2024*

Finished by CSEE talk and practiced it. Replied to many emails and worked on the conservation 4 Bayes figure. Had some personal meetings. Spent some time looking through the egret repo to understand the USDA data before meeting with Selena.

*24 May 2024*

Campus day:

1. Met with Selena to discuss cleaning the UDSA data and afterward looked through it in more detail to understand how best to move forward with the cleaning.
2. Met with Christophe and Mao to discuss various summer and lab related things.
3. Met with Christophe and Mao to discuss egret data cleaning and retreat related tasks. I need to assign papers to Dan, Fredi, & Mao. Christophe is working on cleaning the coordinates column.
4. Met with Mao to discuss the bayes4cons figure.

I also sent Sandy an email to check in and remind her to send us her hourly log. Finally, I practiced my CSEE talk.

*26-29 May 2024*

Attended CSEE and gave my talk! I also triaged email and made edits to the bayes4cons figures.

*29 May - 1 June 2024*

Took time off for my graduation and Mom's visit.

*2 June 2024*

Finished the belt sanding for the cookies!

*3 June 2024*

Campus day. My NEE paper was accepted conditionally! I also accepted the Hakai post doc and declined the other position I had been offered. I met with Britany and discussed her tasks and summer plans. Chatted with Mao about making financial claims and summer plans and chatted with Adam and Chloe about the sanded cookies! Attended the bayes4cons meeting and we discussed our figure!

*4 June 2024*

1. Drove with Selena to the lab mini retreat to the bird sanctuary. We had lovely weather in the end and it was a great opportunity for us to get to know each other better!
2. Booked the egret ferries.
3. Replied to emails and git issues
4. Worked on the Bayes4Cons figure, surprised by how tricky it is to add a colour gradient bar for viridis in base R!

*5 June 2024*

1. I had coffee with Alyssa to discuss my new post doc position.
2. Finished the Bayes4Cons figure, made versions with and without the colour gradient bar in the right hand figure, seems silly to have two legends in one panel figure.
3. Sent emails and scheduled meetings with UG.
4. Reviewed the WL proposal for Mao, it looked great and I think she is now comfortable doing it without me!
5. Chatted with Christophe about lab expense claim process
6. Prepped for lab meeting creating new schedule doc
7. Worked on edits to the Osprey trait MS
8. Made brownies for lab meeting tomorrow

*6 June 2024*

1. Responded to egret git issues, looked into issues with coordinates and reviewed tasks I will assign to Ken
2. Met with Ken, discussed egret cleaning tasks and reviewed the complexity of the chilling duration and chill temp columns
3. Met with Ken and Britany to discuss the final two grades of sanding needed for the tree ring project. Adam was there and mentioned issues with the variability in cookie surface. We need a sanding plate or something to ensure it will be perfectly smooth! See git issues.

4. Met with Justin, discussed his hours, help with the Osprey trait figure, and field work prep.
5. Had the first lab meeting of the season! We brain stormed ideas for future lab meetings and people shared photos from their recent trips. It was very lovely!

*7 June 2024* Took today off and will work Saturday in lieu

*8/9 June 2024*

1. Texted Sylvia to try and get some sort of an update of the work she did in the spring—no response this time.
2. Assigned new egret tasks to Britany, Justin, and Christophe. This included reviewing Selena's current progress on the USDA cleaning. She created a branch for her cleaning (hopefully this wont be problematic later). Reached out to her to try and move things along!
3. Made a tumblr post
4. OSPREE trait ms edits: edits to text and fixed colors in figures!