

Forest Ecology

From: Ruth D Yanai [rdyanai@syr.edu]
Sent: Wednesday, July 17, 2013 12:35 AM
To: Forest Ecology
Subject: Fwd: survivor count question
Attachments: Seedling work July-Aug 2013_Revised_SG.docx

From: shinjini goswami <shinjini.goswami@gmail.com>
Subject: Re: survivor count question
Date: July 16, 2013 7:14:21 PM PDT
To: Joseph Kendrick <joseph.alexander.kendrick@gmail.com>
Cc: J Yahna <jyahna13@gmail.com>, Adam Wild <adamdwild@gmail.com>, <emacpherson@mail.smcvt.edu>, <josephalexanderkendrick@gmail.com>, "Fisk, Melany" <fiskmc@miamioh.edu>, Ruth Yanai <rdyanai@syr.edu>, Matt Vadeboncoeur <matt.v0123@gmail.com>

Hello Seedling Crew~

Sorry I could not get reply to you guys earlier. Anyway Jo the densiometer gives us a relative estimate of overhead canopy cover and it does ignore the light shining from an angle, but given we get 16 data points from each subplot, its an easy estimation. Thanks for your observation.

Find attached the **revised version** of all the seedling work we need to do this summer (with final directions and diagram to help you guys). Please follow this carefully (and consistently) and I know you guys are the best! You can always contact me with questions (whether from field or lab; better to ask me multiple questions before doing something than to regret later!)

Joe Y: The excel sheet with May'13 counts will soon reach you guys, please give me few more days.

P.S- Ruth please forward this version to Heather for documentation. I did change the cohort name to "2012 cohort"

Thanks!
Shinjini

On Mon, Jul 15, 2013 at 5:55 PM, Joseph Kendrick <joseph.alexander.kendrick@gmail.com> wrote:
Hi all,

Eric and I started canopy estimates today; they take a bit of time, but we should be able to get them out of the way over the next few days. One thing I want to point out; the densityometer that John Battles gave us seems to work well, but it estimates only the canopy directly over the plots. On a few occasions, we would estimate somewhere around 90-100% even though there was a sizeable gap in the canopy a little to the side of the plot, which could cast sunlight on the germinants. In such cases this light would not be direct, and would only be available during certain times of the day, so I'm not sure how much this matters, but I thought I should let you know in case this is an issue.

-Joe

On Mon, Jul 15, 2013 at 4:35 PM, shinjini goswami <shinjini.goswami@gmail.com> wrote:

Hello,

Both Matt and I wanted the survivorship count to begin during the last week of July because we thought since the summer has been very wet, drought mortality would not be reflected right away and it is better to wait couple weeks before the final counts are recorded for this year.

But definitely seedling work can be started this wednesday: start with the canopy cover estimates and the stem height/diameter measurements (I did mention the diameter measurements with the callipers at the very end of our discussion during the HB meetings, but unfortunately could not write that down in the seedling work document that I sent to all of you). I am revising that document with certain changes and you can expect that by tonight or earliest tomorrow morning. So, I would go ahead and start those two measurements if you have time this week. Whatever works best for all of your timing, do that...but the counts and extractions are best to do at the end of this month. Sorry for any inconvenience!

Shinjini

On Mon, Jul 15, 2013 at 1:18 PM, J Yahna <jyahna13@gmail.com> wrote:

Hi,

We are set to start counting survivors this Wednesday. Adam said there may be a change in the timing of starting counts. He thought that you or Matt V said (at the HB talks) to wait until closer to end of July to allow any drought or heat deaths to occur before we start counting.

Let me know if that is the case. Otherwise we will start on Wednesday. Adam is going to help us with counts the first few times we go out since he has done it. We also have your detailed notes and the pictures on Picassa to help. I think it will go well.

Joe

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