

# Re: Magnolia study data -

Hill, Andy

Thu 2024-04-18 12:10 PM

To: Ngo, Justin <justin.ngo@ubc.ca>; Lopez Villalobos, Adriana <adriana.lopez@ubc.ca>; Wolkovich, Elizabeth <e.wolkovich@ubc.ca>;

Hello! Yep, Magnolia 'Copeland Court' had a name correction to Magnolia sprengeri 'Diva'... so those observations are all from the one tree. Magnolia sargentiana 'Blood Moon' was received as a cutting that was grafted onto root stock of Magnolia sprengeri (a common understock for magnolia grafting). Hope that makes sense!

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**From:** Ngo, Justin  
**Sent:** April 16, 2024 4:59 PM  
**To:** Lopez Villalobos, Adriana; Wolkovich, Elizabeth  
**Cc:** Hill, Andy  
**Subject:** Re: Magnolia study data -

Hi Adriana,

Thanks for the info! My best guess about M. sargentiana was that it might have been an error in recording the data, e.g. it was meant to be M. sargentiana but was accidentally noted for M. sprengeri or vice versa? My least likely hypothesis was that it was a hybrid of M. sprengeri with M. sargentiana 'Blood Moon' as the male parent. In any case, I'll let Andy clarify it if he has any information on that. Are there any notes for this particular accession about a name change, how it entered the garden, who brought it in, etc.?

I'm available next week from Tuesday to Friday (23 to 26 April) any time of day, just let me know what works best for you!

Best regards,  
Justin

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**From:** Lopez Villalobos, Adriana  
**Sent:** April 16, 2024 11:55:54 AM  
**To:** Ngo, Justin; Wolkovich, Elizabeth  
**Cc:** Hill, Andy  
**Subject:** RE: Magnolia study data -

Hi Justin,

I hope all is well. Here are the answers to your questions

- 1) Yes, the 2020 data is missing because that was the year of the when the pandemic struck and there were restrictions to access the garden.
- 2) I made the mistake with the A2, yes, I was referring to reference number No2 (first column). There is a note in the database that 'it was imported as "Copeland Court" in 1982 but the specimen is now recognized as the local "trade form" of M. sprengeri var. diva. Whether the original scion was overgrown by the M. sprengeri var. diva rootstock or the scion was misidentified in the first place we will never know"

I do see that the original data collection sheets from 2010-2012 have the location as A4 and the sheets from 2013-2024 have location AC. From in IRISBG I can see that item3 is the one included in the study. If you see the item screenshot I've attached (M.sprengeri'Diva'1982-0954-itemsAll ) there was a bed designation change back in 1987 (3AA8 to 3AB5) and then again in 2007 (3AB5 to 3AAC). I am guessing that is why it changes from A4 to AC in more recent years. Maybe Andy can confirm whether I am right or wrong.

- 3) I have the same question as you. I couldn't figure this out. Again, Andy might know more why all the data sheets prior to 2012 have "M. sargentiana 'Blood Moon' on M. sprengeri".

Justin,  
How busy are you these days?  
I am thinking it might be worth meeting in person sometime soon if you can. Among the folders Andy handed in to me there are several weather reports and notes from the FOGS that might be worth inspecting. I haven't read them all and I don't have those digitized yet but we could work on that if we think it would be useful for analyses. I just need help sorting what might be useful and what might not. Let me know if you have time to drop by the garden any of these days.

Cheers,  
Adriana

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**From:** Ngo, Justin <justin.ngo@ubc.ca>  
**Sent:** Monday, April 15, 2024 3:45 PM  
**To:** Lopez Villalobos, Adriana <adriana.lopez@ubc.ca>; Wolkovich, Elizabeth <e.wolkovich@ubc.ca>  
**Cc:** Hill, Andy <andy.hill@ubc.ca>  
**Subject:** Re: Magnolia study data -

Hi Adriana,

I just have a couple of questions about the dataset:

- 1) Is data from 2020 missing because that was when COVID struck and the FOGs couldn't record data?
- 2) Just to clarify on that README note about M. sprengeri 'Diva' and M. sprengeri 'Copeland Court' being the same individual, are you referring to the one with reference number 2? Copeland Court has A4 as its location code but Diva has AC, so was this tree just moved?
- 3) What does "M. sargentiana 'Blood Moon' on M. sprengeri" mean?

Hope you have a great week ahead!

Best regards,  
Justin

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**From:** Ngo, Justin  
**Sent:** April 7, 2024 9:32:52 PM  
**To:** Lopez Villalobos, Adriana; Wolkovich, Elizabeth  
**Cc:** Hill, Andy  
**Subject:** Re: Magnolia study data -

Hi Adriana and Lizzie,

Thank you so much for your hard work! I look forward to compiling this all into one big dataset. Since it'll be the last day of term this upcoming week, it makes sense to pay another visit.

Best regards,

Justin

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**From:** Wolkovich, Elizabeth  
**Sent:** April 5, 2024 1:03:06 PM  
**To:** Lopez Villalobos, Adriana; Ngo, Justin  
**Cc:** Hill, Andy  
**Subject:** Re: Magnolia study data -

Hi Adrianna,

Wow -- that's great! I am excited to see what the recent years show.

Justin, let's discuss this when we meet on Monday and make some plans for work on this this month and in May.

I do hope to get to the garden as it is lovely just on the streets right now and I am sure much more magical there.

Happy spring blooming,  
Lizzie

On 4/3/24 5:13 PM, Lopez Villalobos, Adriana wrote:

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> Hi Justin and Lizzie,

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> I hope you are doing well.

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> I just wanted to let you know that the data of the Magnolia Phenology

> Study from 2010-2023 has been digitized and it is in the TEAMS shared

> folderhere

> <[https://ubcca.sharepoint.com/:f/r/teams/ubcBGCH-gr-](https://ubcca.sharepoint.com/:f/r/teams/ubcBGCH-gr-UBCBotanicalGardenAsianGardenTeam/Shared%20Documents/General/Magnolia%20Phenology%20Study/Data%20entry%20-POURIA%20WORK?csf=1&web=1&e=lbLS0E)

> [UBCBotanicalGardenAsianGardenTeam/Shared%20Documents/General/Magnolia%20Phenology%20Study/Data%20entry%20-POURIA%20WORK?csf=1&web=1&e=lbLS0E](https://ubcca.sharepoint.com/:f/r/teams/ubcBGCH-gr-UBCBotanicalGardenAsianGardenTeam/Shared%20Documents/General/Magnolia%20Phenology%20Study/Data%20entry%20-POURIA%20WORK?csf=1&web=1&e=lbLS0E)>.

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> Justin, feel free to download it and use it. I am swamped with work

> right now and won't have time to work on the Github repository until

> at least later next week.

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> Hope you both can drop by the Garden sometime soon. Several plants are

> flowering and there are tones of red, pink, white and yellow

> everywhere. But things are changing very rapidly!

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> Best,

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> Adriana

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