

## Re: 2019 plants data

Stevens, Jens T <jtstevens@usgs.gov>

Mon 2/24/2020 5:09 PM

**To:** Gonzalez, Bianca <bianca\_gonzalez@partner.nps.gov>; Taylor Edwards <taylor.edwards826@yahoo.com>

**Cc:** beeley, kay X <Kay\_Beeley@nps.gov>

Hi Bianca,

I was finally able to circle back to this Dome data. Thanks for providing the list of new 2019 species and the associated Origins, both in docx form and in the new database.

I've got a game plan for how to move forward that I'd like to discuss Tuesday afternoon with you and Kay when I'm in the BAND office. If you could sync to the current Repo (Dome\_Invasion\_Share) before then that would be great. You'll see that I have a script called Data Management that I'm using to process all the raw data files into what will eventually be one single analysis-ready data file.

The issue at hand is that we need to figure out if things we called "unknown" or one species one year are the same as things that were identified as a different species a second year. This will potentially lead to double-counting species in the analysis. The process I have to address this is via the Reconciliation1.csv file, which has a column for new Code and new Full\_Name. For a lot of entries this will be straightforward, as for example "Carex spp." is likely called the same thing in all years. But there will be some species that may clear have been either mis-identified or unidentified in one year that are the same as in another year. There are also a number of species in the "Full\_name" column that don't have origins assigned even though they are identified to species. We'll want to address those too.

If you could have the repo synced up on Tuesday we can discuss in person, when it will be easier. I'm hoping you'll have some time in the weeks ahead while Mannie's gone to work on this, but we can discuss how it fits into your other priorities as well.

Taylor I see you added some RONE and QUGA analysis, I haven't had a chance to look at that yet but hope to in the next few days!

Cheers,  
Jens

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**From:** Gonzalez, Bianca <bianca\_gonzalez@partner.nps.gov>

**Sent:** Tuesday, January 21, 2020 2:50 PM

**To:** Stevens, Jens T <jtstevens@usgs.gov>; Taylor Edwards <taylor.edwards826@yahoo.com>

**Subject:** 2019 plants data

Hi Jens & Taylor,

I'm attaching Taylor's list of 2019 plants. Taylor generated the list with classifications and Kay and I double checked the classifications. I then downloaded the All Years 97- 2019 file and added these classifications under Origin for these plants. I am attaching Taylor's plant list as well as the 97-2019 data I changed. Let me know if you want me to push these to github!

Jens, I'm also wondering where the classifications in the Origin column come from. I found the attached Species List for Dome on the ecology drive and wondering if this is the

underlying data to your files. Is it worthwhile adding these plants to this list if this is where the original classifications come from? Let me know what you think.

Best,

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