#this is internal directions for Ruben on how to manage files while updating data in Crop Origins, and notes of changes made.

30AUG2021: I clone the online github repo (rubenmilla/Crop\_Origins\_Phylo) to a local folder (C:\Users\ruben.milla\Documents\GitHub\Crop\_Origins\_Phylo) and use it to manage files locally while updating data and then pushing changes through Github Desktop to the online repo. Therefore, I change the workflow below to:

1. Go to C:\Users\ruben.milla\Documents\GitHub\Crop\_Origins\_Phylo and copy the whole “Crop\_Origins\_Phylo\_v\_live” to the “old\_versions\_Crop\_Origins\_Phylo” folder and substitute “\_live” in the names of all subfolders and files in the copy to “\_currentdate”.
2. At \crop\_origins\_v\_live copy “crop\_origins\_live\_db.csv” to “crop\_origins\_live\_db – copia.csv”. Open “crop\_origins\_live\_db – copia.csv”.
3. Go to “C:\Users\ruben.milla\Desktop\macroevol\_domest\data\database\_categorical\data\” and open “database\_categorical.xls”.
4. Open mendeley origins\_artic\_2019 source\_databases subfolder
5. **Go sps by sps (don’t forget sources columns) updating database\_categorical, database\_categorical\_partim and sources\_database\_categorical sheets in database\_categorical.xls, and also crop\_origins\_live\_db – copia.csv.**
6. **at the same time, add the new refs to mendeley.**
7. Order alphabetically mendeley folder and export it to Bibtext. Move unpublished sources to the end of the documente and add this text “#this list of references is in BibTeX format and in alphabetical order by author #the link with the source ids in Crop Origins database is the article Citation Key (e.g. 167 for the first reference in the list)” at the beginning. Rename to “sources\_crop\_origins\_live”, and substitute the old “sources\_crop\_origins\_live” in \crop\_origins\_v\_live
8. save .csv of database\_categorical\_partim and of database\_categorical sheets.
9. save database\_categorical.xls
10. Save “crop\_origins\_live\_db – copia.csv” and rename it to “crop\_origins\_live\_db.csv”, substituting the former version.
11. Open Github Desktop, go to the Crop Origins repository, click “Fetch origin”, commit all changes to master (need to state a summary of what the changes are), and push changes to online repo.
12. Make notes in the “Issues” tab on what has changed

30NOV2020 decido cambiar un poco la estructura del repositorio, de manera que los análisis que se vayan haciendo sean repetibles: 2 subcarpetas: “live” y “old versions”. En esta última incluir 1.0 y versiones posteriores, por fecha.

Updates aug 2021:

The following updates were made to the live version of Crop\_Origins:

Domestication dates of Citrullus lanatus changed based on new ref # 170 in “sources\_crop\_origins\_live“.

Domestication dates of Lactuca sativa changed based on new ref # 171 in “sources\_crop\_origins\_live“.

New ref (#172) for wild progenitor identity of Cajanus cajan.

Text updates march 2020:

The following updates were made to the live version of Crop\_Origins:

Identity of main wild progenitors of S. tuberosum changed based on new refs # 156,157,158,159 in “sources\_crop\_origins\_live“.

Domestication dates of several Cucurbitaceae changed based on new ref # 160 in “sources\_crop\_origins\_live“.

Minor amendment of domestication dates of Pennisetum glaucum changed based on new ref # 161 in “sources\_crop\_origins\_live“.

Changed cultivation dates for B. rapa, based on new ref # 162 in “sources\_crop\_origins\_live“.

Text updates 18may2020:

Primary use of barley was wrongly labelled as “forage”, so I changed it to “seed” in the live version.

Updates 7sep2020:

Amendment of a few antiquity dates that were wrong in the previous version:

minimum\_time\_cultivation Triticum spelta changed to 7000 ya (<https://en.wikipedia.org/wiki/Spelt>)

minimum\_time\_cultivation Triticum durum and T. dicoccon changed to 11500 ya (<https://en.wikipedia.org/wiki/Wheat#Origin_and_history>)

minimum\_time\_domestication Triticum durum and T. dicoccon changed to 9000 ya (Mansfeld encyclopedia)

minimum\_time\_cultivation of Dioscorea cayennensis changed to 6000 ya (Meyer 2012 New Phyt)

Updates 30nov2020:

minimum\_time\_domestication Sorghum bicolor changed to 5300 ya (<https://doi.org/10.1016/j.jas.2020.105259>)

minimum\_time\_domestication Macrotyloma uniflorum added (3600 ya) (<https://doi.org/10.1038/s41598-017-05244-w>)

minimum\_time\_domestication Momordica charantia added (6000 ya) (10.1073/pnas.1921016117)

domestication dates cowpea updated

* (<https://doi.org/10.1017/S0003598X00095661>)

See sources text file

Updates 2 March, 2021

Reference to a duplicate reference (56) deleted from sources\_minimum\_time\_cultivation\_domestication column

minimum\_time\_cultivation and minimum\_time\_domestication of Trifolium repens and T. pretense changed from 1650 to 1750 ya after a user alerted on this small mismatch with the literature source.

minimum\_time\_cultivation: Brassica carinata changed to 6500 ya, and identity of wild progenitors changed to Brassica\_oleracea\_L. and Brassica\_nigra\_(L.)\_K.Koch, after this source (167)

identity of wild progenitors of Dioscorea cayennensis updated on the base of new source (168)

minimum\_time\_cultivation of Annona cherimola updated to 4700 ya on the base of new source (169)