1. Copy the whole “Crop\_Origins\_Phylo\_v\_live” to the “old\_versions\_Crop\_Origins\_Phylo\_v\_live” folder.
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. At \database\_categorical\data 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 and export the whole mendely folder to Bibtext. 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. 136 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 database\_categorical.xls
9. save .csv of database\_categorical\_partim and of database\_categorical sheets.
10. Save “crop\_origins\_live\_db – copia.csv” and rename it to “crop\_origins\_live\_db.csv”, substituting the former version.
11. Upload the new “crop\_origins\_live\_db.csv” and “sources\_crop\_origins\_live” to Github, substituting the old files.
12. Make notes in the “Issues” tab on what has changed

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 used 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)