

FRUITTREEDATA Project 'update' meeting

04th November 2024 15:00-16:45 (CET)

Ms Teams

Meeting Minutes

Present

Partner 1 (Chair, GBR); Partners 2-13, 15, 16 (BEL, ITA, CHE, DEU, HUN, NLD, NOR, CZE, FRA, ALB, LVA, SVN, EST); Self-funded partner 3 (CHE).

1. Apologies

No apologies were received. Self-funded partner 1 (DEU) had not been invited.

2. Introductions

All participants introduced themselves. Stein Harald Hjeltnes presented a brief summary of the poster presentation in Avignon. He had presented and Andrea Patocchi had also mentioned the poster during his presentation. No new partners had come forward but it was agreed that it was worthwhile to have publicised the efforts to the community.

3. C&E data curation

Issues relating to the aggregation of data were discussed (noting a general request in the previous meeting that only 'processed' rather than 'raw' data be submitted to EURISCO). Key points:

- It is important to clarify the level of data aggregation – whether it be to the individual tree, genotype or place;
- It was generally felt that aggregation to 'accession' would be appropriate, on the understanding that 'accessions' might be represented by different numbers of trees in each genebank;
- Year, and potentially place could possibly be dealt with by treating replications as individual experiments with independent metadata; it was noted that where multiple years of data were held, these were valuable;
- The use of DOI was an option that could help to distinguish between material known to be replicated from a single source and material retrospectively confirmed to be clonal; it was noted that DOI was accession specific whilst MUNQ/PUNQ etc. would be specific to cultivar;
- Various 'duplicates' would be expected within EURISCO and not all of these would be identifiable by MUNQ/PUNQ (or DOI), but the inclusion of MUNQ/PUNQ was a useful step towards better understanding this situation;
- It was agreed to focus, in the first instance, on data obtained using ECPGR agreed descriptors, noting that the descriptors had also been given priority scores;

- Partners might need help and guidance with how to complete forms; it was agreed that partners would feed back as they gained experience and guidance would be sought from EURISCO;
- All partners agreed that they would continue to curate their available C&E data for submission to EURISCO, subject to NC approval, as part of the project (Expected product 3).

Matt Ordidge agreed that he would contact Stephan Weise to clarify understanding on aggregation and what would be considered raw vs processed data as well as to seek advice on behalf of the group as necessary.

Matt Ordidge also proposed that, whilst it wasn't a deliverable of the project, the project also offered an opportunity for partners to consider asking for DOIs from EURISCO.

4. Holdings missing from EURISCO

Matt Ordidge reiterated the concept behind this element of work. Fundamentally, he was aware of various ECPGR colleagues who had stated that they held valuable material in their collections that was not listed within EURISCO. This was either because data were not digitized, accessions were not felt to be 'available' or because collections were not recognised by NCs. He stated that scenarios would be country specific and asked that members each consider the position in their own countries. As an example, the UK contains some material in private collections that work within an umbrella organisation (Plant Heritage) with an FAO code as well as other material in botanic gardens (also with FAO codes). Both might be acceptable to EURISCO.

Key points:

- It was important to recognise the difference between state owned/funded/recognised collections, private collections and amateur collections (as well as the difference in balance between these in different partner countries);
- It was agreed that not every collection should be considered within scope; in general, amateur collections would often remain out of scope of EURISCO (unless they had government support); the focus should be on material deemed to be in the public domain;
- It was agreed that the judgement on what to consider must remain with the partners, and rely on their expertise as national representatives within ECPGR.

Hedi Kaldmäe confirmed that Estonia had, within the timeframe of the project, moved from only listing accessions of Estonian origin within EURISCO to listing all of their genebank material.

5. MUNQ and PUNQ

A prior meeting had been held between the co-ordinator and the MUNQ/PUNQ team. Matt Ordidge summarised the basic position. Two objectives were based on firstly identifying, within the MUNQ and PUNQ tables, which codes were represented by partner accessions within EURISCO and which codes were not; a basic secondary analysis would then attempt to highlight any rare or unique (SSR) alleles within the material not included in EURISCO. Key points:

- Caroline would send a MUNQ/PUNQ table such that partners could confirm the accession numbers for EURISCO material in the table;
- For some partners (CH?) it might be easier to handle MUNQ/PUNQ allocation to EURISCO accessions in house – it would be necessary to identify a way to then pass this information to INRAE to carry out the 'gap analysis'.

6. CCDBs

It was clarified that the material within, and associated with the Prunus DB included data from PrunDoc, EU.Cherry and that these were being handled by partner INRAE. It was noted that some of these might be replicated in national datasets and partners were asked to consider this to avoid duplication of data curation.

A prior meeting had not been possible and, since partner 12 needed to leave the meeting, it was agreed that an update on progress with the CCDBs would be made at a later date.

7. Project administration

All partners now had formal agreements in place with project start around April 2024 and end date (for partners) of end September 2025.

List of Participants

Matthew Ordidge

Marc Lateur

Daniela Giovannini

Mauro Bergamaschi

Andrea Patocchi

Monika Höfer

Zsuzsanna Békefi

Willem van Dooijeweert

Stein Harald Hjeltnes

Jiri Sedlak

Caroline Denancé

Frida Carka

Gunars Lacis

Gregor Osterc

Hedi Kaldmäe

Christina Kägi