



**Ad hoc Crop Wild Relatives Working Group Meeting**  
13–15 December 2022, Thessaloniki, Greece

**ECPGR ‘CWR *in situ* data in EURISCO’ project**

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# Background

- Second GPA for PGRFAA: relevance of CWR conservation  
“Collate information on CWR and make it available through National Information Sharing Mechanisms and specialized global information systems”
- EURISCO approves the inclusion of *in situ* conservation data
- European Strategy for conservation and sustainable use of plant genetic resources (PGR Strategy)
- Extension of EURISCO for Crop Wild Relatives (CWR) *in situ* data and preparation of pilot countries' data sets

# Principles for the Inclusion of CWR Data in EURISCO



## Principles for the Inclusion of CWR Data in EURISCO

*Prepared by Theo van Hintum and José Iriondo, within the framework of the ECPGR project 'Extension of EURISCO for Crop Wild Relatives (CWR) in situ data and preparation of pilot countries' data sets' (CWR data in EURISCO), funded by the German Federal Ministry of Food and Agriculture.*

*Agreed by project partners and EURISCO Advisory Committee in May 2022*

Basic recommendations on how to approach the two elements of the project

- Development of *in situ* CWR national inventories
- Organization of the flow of information from national databases to EURISCO

<https://www.ecpgr.cgiar.org/resources/ecpgr-publications/publication/principles-for-the-inclusion-of-cwr-data-in-eurisco-2022>

## Development of *in situ* CWR national inventories

- *In situ* CWR National Inventory Focal Point
- **Purpose:** to offer the means to identify the most suitable populations for active *in situ* conservation.
- **Action:** Compile a list of population occurrences of CWR that are considered as a priority for conservation.

# Organization of the flow of information from national databases to EURISCO

- **Purpose:** Proof of concept for the CWR *in situ* extension of EURISCO database
- **Action:** Include in EURISCO a subset of the population records of each CWR-NI corresponding to those populations that are 'actively conserved'.
- Determination of this subset at the discretion of each country:
  - To offer a set of CWR populations that might be in principle available to users.

# 'Actively conserved' populations

Not too strict. They may include:

- ***In situ* actively conserved populations**
  - CWR populations in genetic reserves
  - Populations of protected CWR managed in species recovery plans. (Structural species of protected habitats of the Habitats Directive?)
  - CWR populations monitored in long-term experiments (e.g. LTER).
- **'Most appropriate populations'\***
  - Selected after a process that identifies complementary hotspots of target CWR in protected areas.
  - Targeted as candidate locations to establish genetic reserves in the future.

## 'Actively conserved' populations

- **Other candidate populations\***
  - Selected by other means by local, subnational and national stakeholders. Considered as candidate populations for the establishment of genetic reserves.
- (\*) Including populations:
  - Likely to exist at the present time
  - Whose location is known
  - With land use compatible with the persistence of the population
  - With institution that can be approached that is likely to facilitate access to the material

## Access to the *in situ* material

- same as *ex situ* accessions in EURISCO
- not necessarily straightforward access
- designated pathway:
  - to approach a managing (or liaison) institution and
  - receive information on the appropriate way to obtain the material,
  - including terms and conditions (ITPGRFA Multilateral System or the Convention on Biological Diversity).



# Descriptors

- Proposal based on:
  - Use of existing standards
  - Optimizing compatibility with current descriptors in EURISCO
  - Simplicity
- **National Inventories**: recommended descriptors in Annex I, but up to the country to extend, reduce or modify this list.
- **Upload to EURISCO**: descriptors to be used are those listed in Annex II, four of which are mandatory: NICODE, ACCENUMB (POPID), GENUS, MNGINSTCODE.

# Proof of concept

