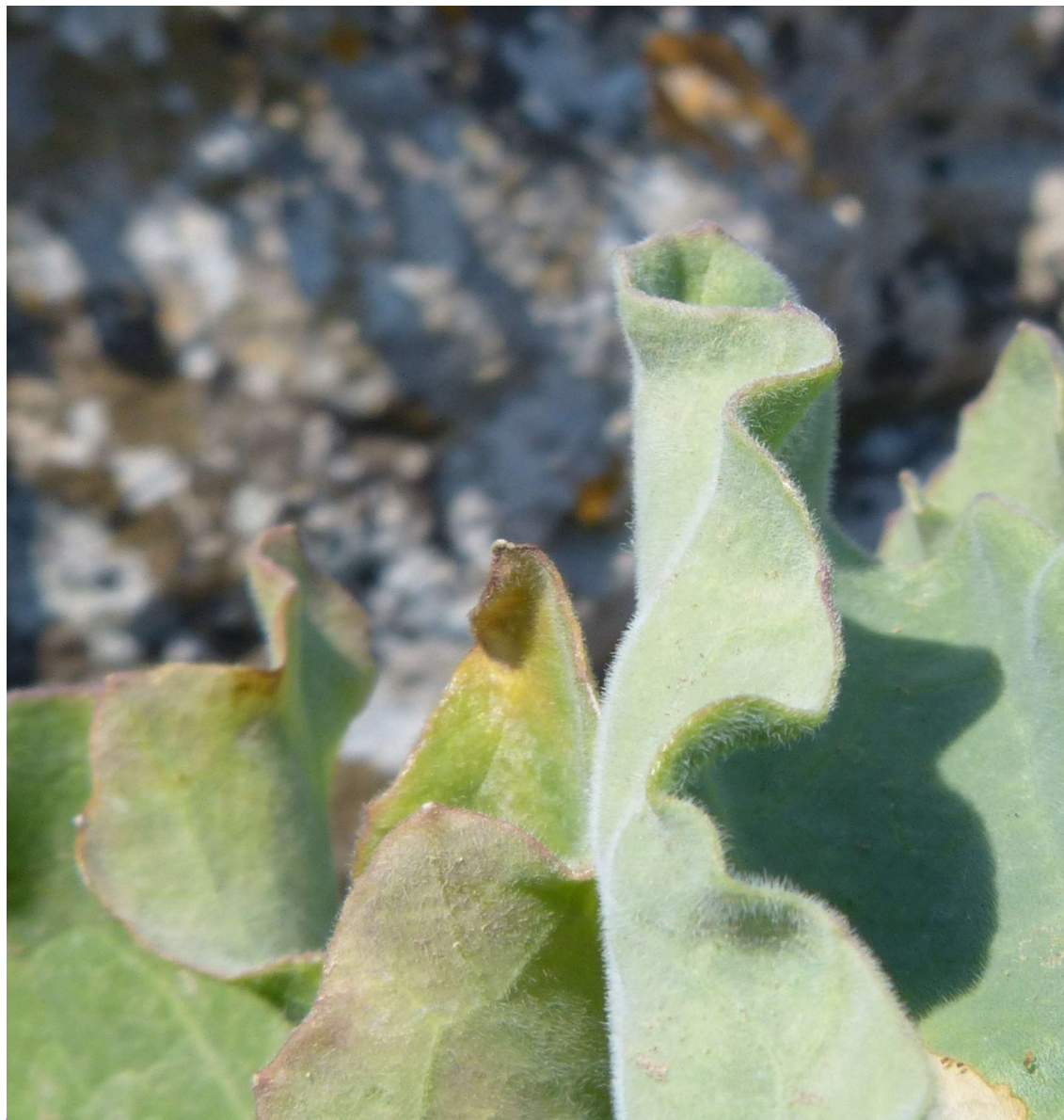




CROP WILD RELATIVES DATA IN EURISCO

L. Maggioni
ECPGR Secretary

*In situ Crop Wild Relatives in EURISCO
Project meeting, Sadovo, Bulgaria, 18-19
June 2024*



A Project funded by the German Ministry for Food and Agriculture

- **Full title:** Extension of EURISCO for Crop Wild Relatives (CWR) in situ data and preparation of pilot countries' data sets
- **Budget:** € 247 318 → € 317,316
- **Timeframe:** 15 November 2021 – 31 December 2023
→ 31 December 2024

Background

PGR Strategy for Europe (2021)

- **Objective:** By 2030 Europe has significantly increased its CWR [...] inventory to enable a more comprehensive view of available CWR [...] genetic diversity, to better understand how this diversity is distributed across the region and its neighbouring countries, and to identify which are the priority populations to actively conserve”.
- **Approach:** “provision of data – as appropriate – from in situ conserved populations of CWR [...] (from National Inventories) to a centralized information system, based on agreed data exchange standards.”
- **2030 Targets:**
 - Europe has a coherent, comprehensive, coordinated and centralized documentation of CWR [...] in situ diversity.
 - EURISCO contains high-quality passport data of all European ex situ collections, progressively extended to include actively-managed in situ CWR populations [...] data.

Objectives of the project

- a) Definition and agreement on the scope of EURISCO in terms of in situ CWR data (type and requirements of populations to be inventoried)
- b) Agreement at ECPGR level on the principles and mechanisms for inclusion of in situ CWR data in EURISCO
- c) Extension of EURISCO to enable hosting and public display of passport data of European in situ CWR populations
- d) Preparation and inclusion in EURISCO of datasets from pilot countries

Activities

- I. Preparation of draft proposal setting the principles for the inclusion of CWR data into EURISCO
- II. Coordination of steps required to reach ECPGR agreement on the principles and mechanisms
- III. Coordination of steps required to set up the in situ CWR data flow mechanism
- IV. Support to pilot countries in their preparation and delivery of in situ CWR data to EURISCO
- V. Preparation of EURISCO extension to in situ CWR data
- VI. Training of Focal Points
- VII. Public awareness products to publicize extension of CWR in EURISCO

Expected outcomes

- a. **Policy and technical document** defining the principles and requirements for the inclusion of in situ CWR data in EURISCO
- b. **Endorsement of the in situ CWR data policy** and technical document by the ECPGR Steering Committee
- c. **In situ CWR data flow mechanism** established in Europe with responsibilities assigned at country level and Focal Points trained
- d. **Extension of EURISCO** to receive in situ CWR data completed (database structure, import tool, data integrity procedures and web interface)
- e. **In situ CWR data** from seven countries included in EURISCO
- f. **Public awareness products** publicizing the EURISCO in situ CWR component

Pilot countries

1. Cyprus
2. Czech Republic
3. Germany
4. Lithuania
5. Portugal
6. Spain
7. United Kingdom
8. Albania
9. Bulgaria
10. Italy
11. The Netherlands
12. Georgia
13. Poland
14. Romania
15. Slovenia

Agreed principles

<https://www.ecpgr.cgiar.org/working-groups/crop-wild-relatives/cwr-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



ECP/GR

Box 1. Scope of the CWR-NI as opposed to the CWR in situ extension of EURISCO

- **The In situ CWR National Inventory**
 - Occurrences of CWR populations identified as a priority for conservation.
 - Descriptors recommended for the generation of this CWR-NI are listed in Annex 1
- **The CWR in situ extension of EURISCO**
 - A subsection of the CWR-NI,
 - 'actively conserved' populations (see definition in Box 2)
 - potentially be made available to users (managing inst. or liaison inst.)
 - Descriptors to be used are listed in Annex 2, four of which are mandatory

Box 2. Actively conserved populations

EURISCO should receive data only about populations that can (in principle) be made available to users. This restricts the scope to those populations that are ‘actively conserved’.

Criteria defining ‘active conservation’ should not be too strict: They may include populations that are **likely to exist at the present time**, whose **location is known**, where the **land management is compatible with the persistence of the population**, and where **there is a management institution or person that can be approached** that is likely to facilitate the access to the material.

Box 3. Access to the in situ material

‘**Accessible in principle**’ to users does not mean that the user will necessarily be allowed to reach the populations and autonomously collect material of interest (even though some countries may consent to this).

It means that there is **a designated pathway whereby the user can approach a managing (or liaison) institution** and receive information on the appropriate way to obtain the material, including terms and conditions.

	Network data providers	National priority list	National Inventory structure	Selected populations for EURISCO	In EURISCO	In situ NIFP designated
Albania	Y	472 taxa	Y		610	Alban Ibraliu
Bulgaria	Y	26 genera	Y		20	Nikolaya Velcheva
Cyprus	Y	177 taxa	Y		391	Angelos Kiratzis
Czech Rep.	(Y)	204 species	Y	?	-	Vojtech Holubec
Germany	?	?	?		66	Sarah Sensen
Italy	(Y)	129 taxa	?		22	Petra Engel
Lithuania	Y	144 taxa	Y	?	-	Domas Uogintas
Netherlands	(Y)	298 threatened populations	Y		1912	Frank Menting
Portugal	Y	350 taxa	Y	320	-	Filomena Rocha
Spain	Y	521 species	Y	94	24	Jose Iriondo
UK	N	223 taxa	Y	5492	-	Lin Huang