

implementing partner



Banca de Resurse Genetice Vegetale „Mihai Cristea”
Suceava Genebank
Romania

Cezar Ciobăniței

Dan Șandru

In situ CWR in EURISCO


***In situ* Crop Wild Relatives in EURISCO**

Objective:

Suceava Genebank will contribute to the preparation and inclusion in EURISCO of *in situ* Crop Wild Relative datasets from Romania

activities:

- Identify priority taxa and populations;
- Prepare the national database structure;
- Collect and organize the data according to the agreed principles and data exchange format;
- Provide the data to EURISCO.



background and preparation
Annual Research Plan

Thematic research - development plan for the year 2024

Exploration, inventory and collection of Plant Genetic Resources from spontaneous flora

Organization of seed collection expeditions belonging to wild species, relatives of cultivated ones, especially in protected areas, for the establishment of a national collection of wild relatives of cultivated plants;

background and preparation
PHD – Dan Şandru

Monographic research on some species with fodder value present in the forest ecosystem Secular Forest Slătioara for the purpose of systemic planning of conservation measures

Analysis of the conservation status of species of forage interest

1. Analysis of the parameters and the matrix for the evaluation of the state of conservation of the species from the point of view of the population of the species.
2. Analysis of the parameters and the matrix for the assessment of the conservation status of the species from the point of view of the species' habitat.
3. Analysis of the parameters and the matrix for the evaluation of the prospects of the species from the point of view of the population of the species.
4. Assessment of the global conservation status of the species

Highlighting genetic variability by molecular markers of forage CWR

A misty mountain landscape with green hills, a stream, and two hikers in the foreground. The scene is overcast, with a thick layer of fog or mist hanging over the hills. In the foreground, two hikers are seen from behind, walking away from the viewer. The hiker in front is wearing a dark jacket, a blue beanie, and a backpack, and is holding a walking stick. The hiker behind is smaller and also wearing a blue beanie. The ground is covered in green grass and small yellow flowers. In the background, a stream flows through the valley, and a dense forest of evergreen trees is visible on the left side of the image.

background and preparation
National Strategy

National Strategy concerning Conservation and Use of Genetic Resources for Food, Agriculture, Forestry and Aquaculture

one of the priorities:

***In situ* conservation of wild relatives of cultivated plants and wild species with food use**

Specific objectives:

1. Exploration and inventory of wild relatives of cultivated plants and other wild species relevant to food and agriculture
2. Strengthening the conservation and *in situ* management of wild relatives of cultivated plants and food plants from the wild flora

on near future

Exploration, inventory, monitoring and conservation of CWR in national and natural parks from Romania

- National parks in Romania are represented by the abundance and great diversity of species
- From a legal point of view, they can be protected much easier because the national parks already have a management plan
- The purpose of the activities is the establishment of at least one pilot genetic reserve



Thank you!

