



First meeting of the ECPGR Activity – EUBRASWILD
Capturing Brassica Wild Relatives Diversity in the South Eastern Europe

Meeting draft agenda:

10:00 – 10:05	Welcome and opening of the meeting	Smiljana Goreta Ban
10:05 – 10:15	Introduction of participants	All participants
10:15 – 10:30	Information about Brassica WG	Ferdinando Branca
10:30 – 11:00	Information and updates on ECPGR	Lorenzo Maggioni
11:00 – 11:10	Break	
11:10 – 11:25	Presentation of the project	Smiljana Goreta Ban
11:25 – 12:00	Discussion about protocols for collecting, regeneration and characterization of the collected accessions	
	All participants	
12:00 – 13:00	Short information on the status of Brassica collections in participants countries (Albania, Croatia, Greece, Italy, Monte Negro, Serbia and Slovenia)	All participants
13:00 – 13:10	Break	
13:10 – 13:50	Discussion on project activities for spring/summer 2021	All participants
13:50-14:00	Closing and conclusions	Smiljana Goreta Ban

EUBRASWILD

Capturing **Brassica Wild** Relatives Diversity in the South Eastern Europe



Project details:

- Duration: 24 months - **1 October 2020 – 1 August, 2023**
- Working group: *Brassica*
 - Working group chair: **Ferdinando Branca**
 - Activity Coordinator: **Smiljana Goreta Ban**



Project details

- Activity Partners (ECPGR-funded):

1. Ferdinando Branca <ul style="list-style-type: none">University of Catania (UNICT)Italy	2. Smiljana Goreta Ban <ul style="list-style-type: none">Institute of Agriculture and Tourism (IPTPO)Croatia	3. Sokrat Jani <ul style="list-style-type: none">Agricultural University of Tirana, Institute of Plant Genetic Resources (IPGR)Albania	4. Ana Marjanović Jeromela <ul style="list-style-type: none">Institute of Field and Vegetable Crops (IFVO)Serbia	5. Vladimir Meglič / Barbara Pipan <ul style="list-style-type: none">Agricultural Institute of Slovenia (KIS)Slovenia	6. Nataša Mirecki <ul style="list-style-type: none">University of Montenegro Biotechnical Faculty (UNIMO)Montenegro	7. Georgia Ntatsi <ul style="list-style-type: none">Institute of Plant Breeding and Genetic Resources (IPBGR)Greece
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- Self-funded partners:

1. Nikola Major <ul style="list-style-type: none">Institute of Agriculture and TourismCroatia	2. Nevena Nagl <ul style="list-style-type: none">Institute of Field and Vegetable CropsSerbia	3. Bernard Prekalj <ul style="list-style-type: none">Institute of Agriculture and TourismCroatia	4. Dragana Rajković <ul style="list-style-type: none">Institute of Field and Vegetable CropsSerbia	5. Di Bella Maria Concetta <ul style="list-style-type: none">University of CataniaItaly	6. Lorenzo Maggioni <ul style="list-style-type: none">ECPGRItaly
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Project activity description

- **Eastern Europe** is rich in **wild *Brassica* relatives**, but there is a lack of information on existing species and their distribution
- Previously mentioned species: *Brassica rupestris* Raf., *B. villosa* Biv., *B. macrocarpa* Guss., *B. drepanensis* (Caruel) Damanti , *B. incana* and related endemic species such are *B. botterii* Vis., *B. cazzae* Ginzb. & Teyb and *B. mollis* Vis
- No known cultivation in the area, but utilized as food by the local population
- *Brassica* wild species used as leafy vegetables: *Eruca* spp., *Diplotaxis* spp., *Sinapis* spp., *Isatis* spp., *Hirschfeldia* spp.

Aims:

- **to contribute to knowledge on presence, distribution and biodiversity status of wild *Brassica* relatives in the Eastern Europe**
- **filling the gaps of wild *Brassica* in genbanks and AEGIS**

Project activities justification

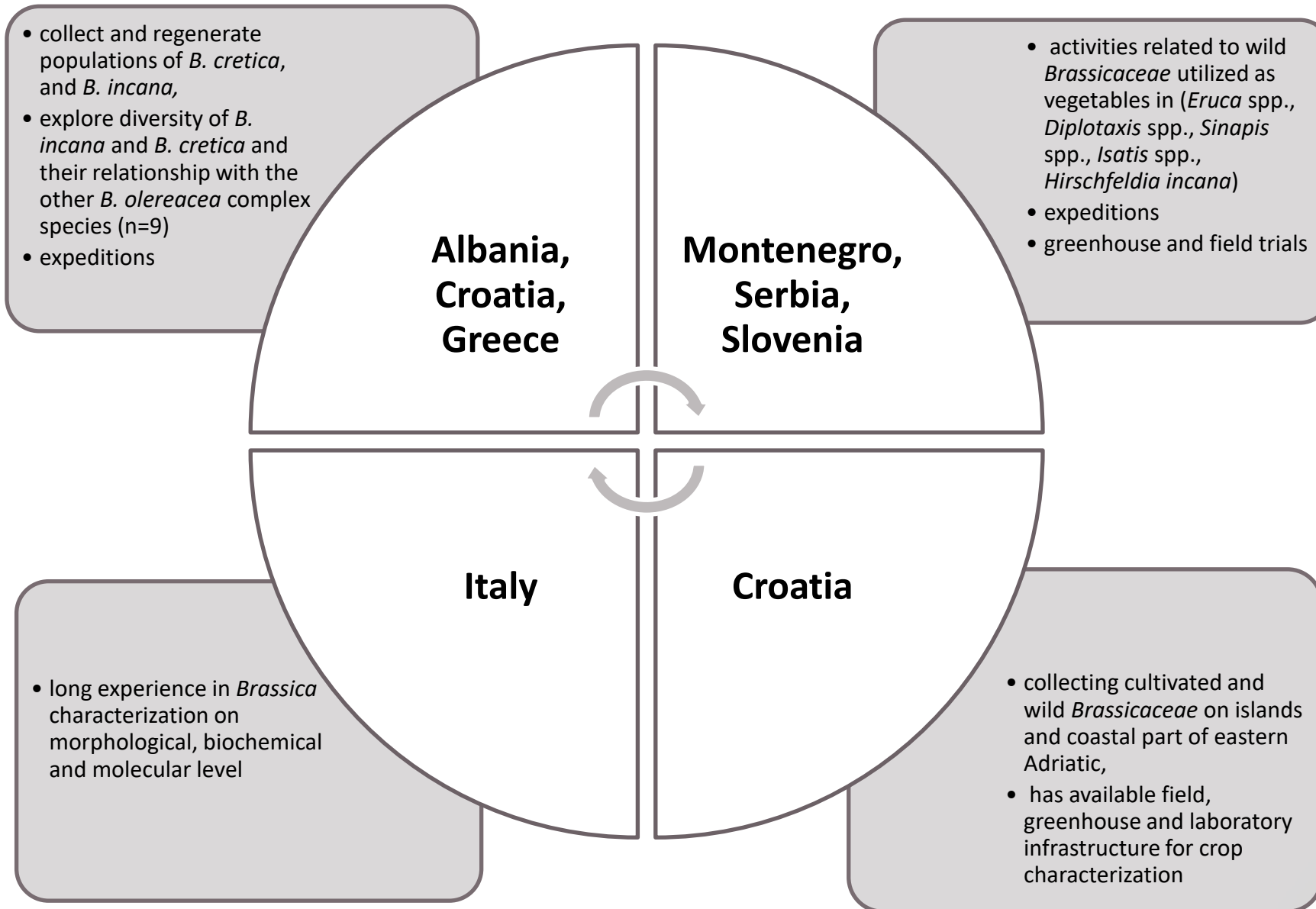
- **Crop wild relatives (CWRs)** = carriers of desirable agronomic/quality properties →→ breeding programs
- *Brassica* wild relatives are endangered (climatic changes, enlargement of urban areas, tourism, summer fires) due to their specific habitat (coastal cliffs/rocky terrains)
- **AEGIS database** contains 2 273 *Brassica* accessions (UK 909, Netherlands 673, Italy 256) → none from the geographical area that will be covered by **EUBRASWILD**

Expected products and related ECPGR objectives



Expected products/results	Corresponding ECPGR output, activity
1 Defined accessions for inclusion in AEGIS	Output 1.2.; Activity 1.2.1 - identification of new EU accessions for inclusion into AEGIS
2 Update on crop-specific gen-bank standards for Brassica CWRs	Output 1.6; Activity 1.6.2 - standards – agree on crop-specific gene bank standards
4 Seeds available for exchange among partners and available for AEGIS	Output 1.8; Activity 1.8.3 - ECPGR-mediated regeneration of AEGIS accessions

Choice of partners/partner activities



Genetic material

- **Genetic material** in national collections of participated countries + samples collected during this project will be biochemically and molecularly analyzed at UNICT, IPTPO and/or IPBGR
- Obtained results = comparison with already analyzed samples characterized by the partners

= Evaluation and description of the genetic diversity and relationships between *Brassica* CWRs in SE EU

*costs funded by the H2020 BRESOV project and other interested partners

Expected impact

- 1.** widening activities of Brassica working group to members of underrepresented genebanks in EURISCO and particularly AEGIS
- 2.** capturing of Brassica CWRs diversity in SE Europe
- 3.** exploration and identification of new accessions of Brassica CWRs for inclusion into AEGIS
- 4.** improvement of genebank management in accordance with principles of AEGIS
- 5.** recommendations for future activities contributing to long-term in situ and ex situ conservation of Brassica CWRs

ECPGR Activity Grant Scheme - Budget table - First Call - Phase X

Activity acronym

EUBRASWILD

Meetings

Title of meeting	Location (city/country) Month - Year	No. of ECPGR-funded participants	Expenses	Requested meeting budget in Euro*	Please list ID No. of all Partners involved in each meeting**
Kick-off meeting	Porec/Croatia/November/2020	6	750	€ 4.500	1,3,4,5,6,7
Final meeting	Catania/Italy/April/2022	6	750	€ 4.500	2,3,4,5,6,7
Expeditions	Partner countries	7	600	€ 4.200	1,2,3,4,5,6,7
Total budget requested for meetings				€ 13.200	

* For the cost of participation for each participant anywhere in Europe, you can use a fixed amount, inclusive of travel, board, lodging, local transportation and other miscellaneous meeting costs as follows: for meetings requesting one night of accommodation Euro 500 - for two nights Euro 600 - for three nights Euro 750 - for four nights Euro 800. Please use different figures only if you can make a precise estimate.

** Partner ID number as listed on the proposal application form

Other actions - please break down costs for each partner separately

(For any cost related to travel and accommodation please use the above table "Meetings")

ID No. of Partner*	Type of action (characterization, molecular screening, software development, etc.)	Staff time costs in Euro	Supplies and/or services in Euro	Total costs requested to ECPGR in Euro	Additional available funding in Euro**	In-kind contribution**
1	Characterisation and regeneration	€ 970		€ 970	€ 500	Field collection establishment and maintenance expenses.
2	Characterisation and regeneration	€ 980		€ 980	€ 500	Field collection establishment and maintenance expenses.
3	Characterisation and regeneration	€ 970		€ 970	€ 500	Field collection establishment and maintenance expenses.
4	Characterisation and regeneration	€ 970		€ 970	€ 500	Field collection establishment and maintenance expenses.
5	Characterisation and regeneration	€ 970		€ 970	€ 500	Field collection establishment and maintenance expenses.
6	Characterisation and regeneration	€ 970		€ 970	€ 500	Field collection establishment and maintenance expenses.
7	Characterisation and regeneration	€ 970		€ 970	€ 500	Field collection establishment and maintenance expenses.
Total budget requested for actions				€ 6.800		

Workplan for the 1st meeting

Discussion on the following subjects:

- Status of the Brassica accessions in the national banks
- Discuss the possible accessions for sharing and using as a 'standard' for each species
- Exchange of the information on methods for survey and collection of Brassica CWRs
- Defining protocols for collection, regeneration and characterization of targeted species
- Detail planning and synchronization of next activities

Brassica mollis



Brassica incana

