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



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## *Brassica in the AEGIS collection*

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## About AEGIS

- AEGIS: **ECPGR initiative** aiming to efficiently **conserve** and provide **access** to unique **germplasm** in Europe through the establishment of [the European Collection](#).
- European governments can become **AEGIS members**.
- [Agreed quality standards](#) in the **Associate Member genebank/institutions**.
- [\(SMTA\)](#) set out by the FAO International Treaty on Plant Genetic Resources for Food and Agriculture.



## Objectives

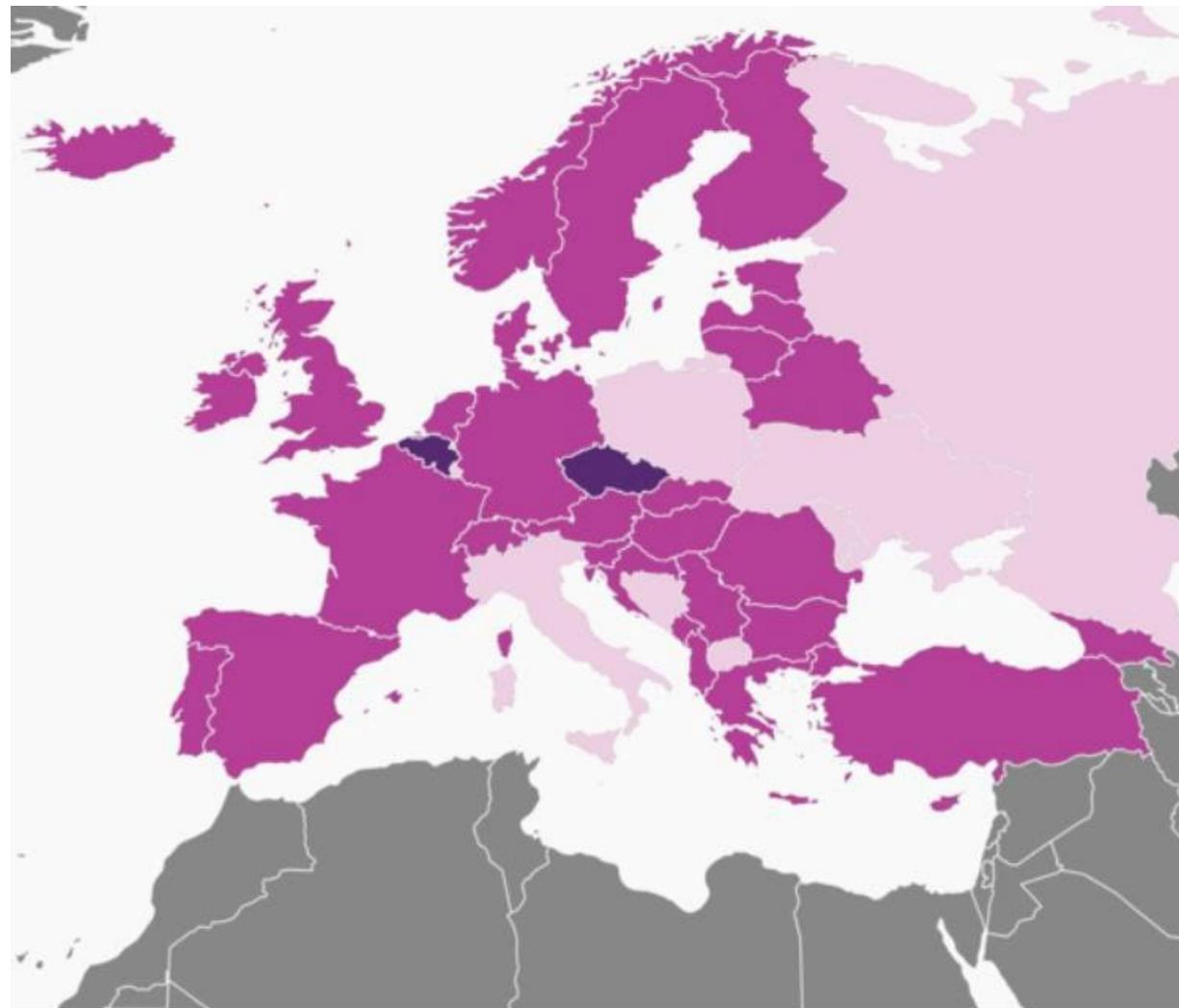
- Efficiently **conserve** and provide **access** to unique germplasm in Europe through AEGIS and the European Collection.
- Provide **passport** and **phenotypic information** of actively conserved European PGRFA diversity ex situ and in situ through the EURISCO catalogue.
- Improve **in situ conservation** and use of crop wild relatives.
- Promote **on-farm conservation**.
- Promote use of **PGRFA**.

[www.ecpgr.cgiar.org](http://www.ecpgr.cgiar.org)

## Members

### Ten Phases (1980-2023)

- Member countries contribute funding (ca. € 540 000 per year).
- National Coordinators are nominated at governmental level.
- Use of funds:
  - Coordination
  - Working Group activities
  - Maintenance of EURISCO



## AEGIS Benefits

- **Improved collaboration** among European countries and a stronger unified Europe;
- **Cost-efficient conservation** activities;
- **Reduced redundancy** in European collections;
- Improvement of **quality standards** for conservation across Europe;
- More **effective regeneration**;
- **Facilitated access** to all the germplasm included in AEGIS;
- Improved **security of germplasm** through formal commitments and safety-duplication;
- Improved linkages between **ex situ and in situ conservation** as well as linkages with users;
- Improved **sharing of knowledge and information**.



*A European Genebank Integrated System*



## AEGIS Structure



## AEGIS and the Treaty

- AEGIS is developed and operates within the framework of the **Treaty**.
- **Article 5**: efficient and sustainable system of ***ex situ conservation***.
- AEGIS provides a mechanism for ***regional cooperation*** in the implementation of the Treaty in the European region.
- AEGIS uses the Treaty's mechanisms, procedures and instruments, and Standard Material Transfer Agreement (**SMTA**).



## Brassica Working Group

### ECPGR Brassica Working Group

[ECPGR Homepage](#) / [ECPGR Working Groups](#) / [ECPGR Brassica Working Group](#)



**CHAIR**  
Ferdinando Branca  
✉ [fbranca@unict.it](mailto:fbranca@unict.it)  
Confirmed as Chair for Phase X in February 2019

[View CV](#)

### Grant Scheme Activities

#### Phase X

**Third Call 2020**

- [Capturing Brassica Wild Relatives Diversity in South Eastern Europe \(EUBRASWILD\)](#)

#### Phase IX

**First Call (2014)**

- [Collection, Characterization and Evaluation of wild and cultivated BRASSicas \(COCHEVA BRAS\)](#)

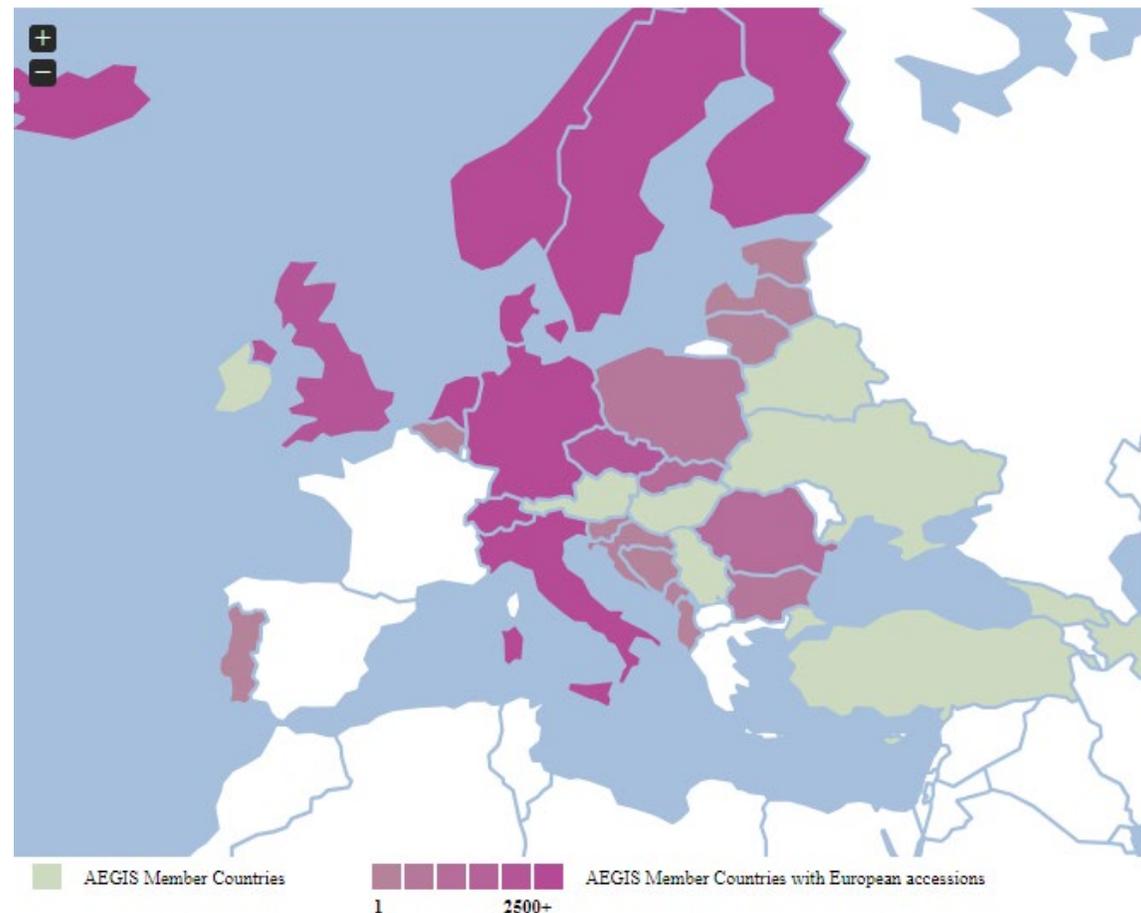
### Working Group activities and related events

**November 2020**

The First meeting of the ECPGR Activity EUBRASWILD, *Capturing Brassica Wild Relatives Diversity in the South Eastern Europe* is held virtually on 30 November 2020 - [Meeting programme \(678,6 KB\)](#)

## The European Collection

- ✓ **European genebank;**
- ✓ **European Accessions** conserved for the long-term by the **AEGIS** Associate Members on behalf of the **ECPGR** Member countries;
- ✓ Use or conservation only for the purposes of **research, breeding** and training for **food** and **agriculture**.



**Total European Accessions: 70830**

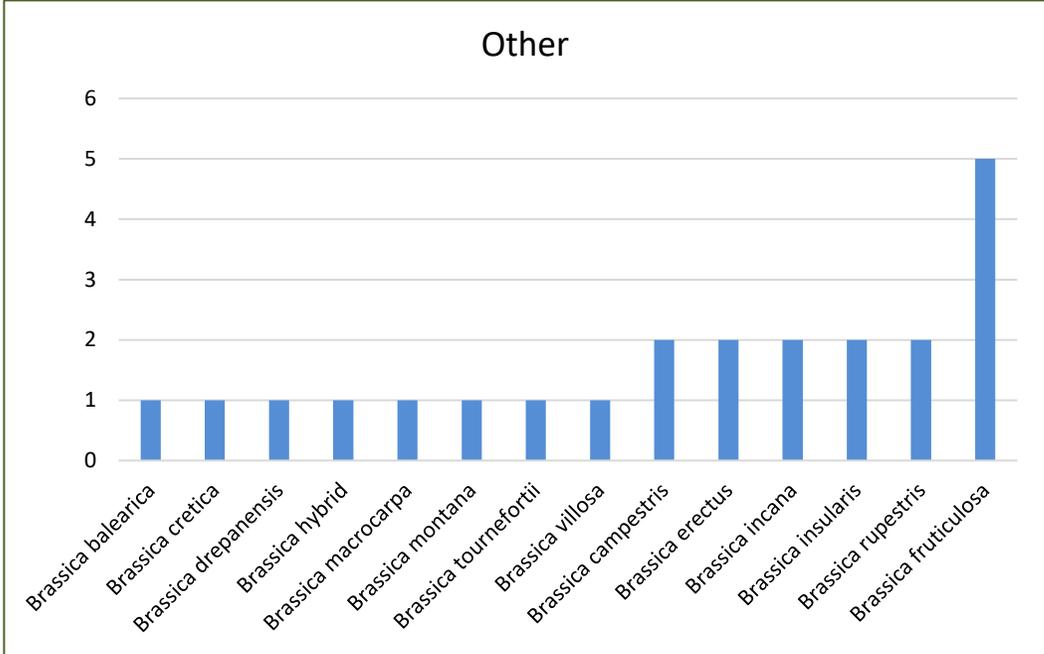
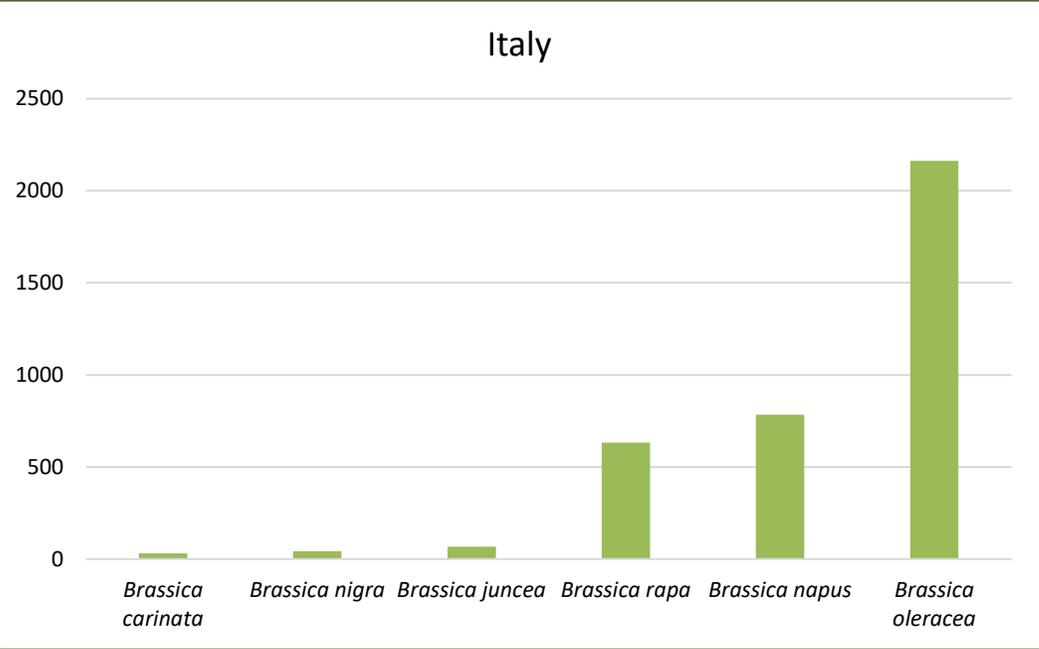
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Species	N° of accessions	Country	N° of countries	Institutions	Number of istitutions
<i>Brassica balearica</i>	1	Italy (1)	1	ITA331 (2) Facolta di Agraria, Universita degli Studi di Catania, Catania, Italy	1
<i>Brassica cretica</i>	1	Italy (1)	1	ITA331 (1) Facolta di Agraria, Universita degli Studi di Catania, Catania, Italy	1
<i>Brassica drepanensis</i>	1	Italy (1)	1	ITA331 (1) Facolta di Agraria, Universita degli Studi di Catania, Catania, Italy	1
<i>Brassica hybrid</i>	1	GBR006 (1) Warwick Genetic Resources Unit, Wellesbourne, Warwick, United Kingdom	1	GBR006 (1) Warwick Genetic Resources Unit, Wellesbourne, Warwick, United Kingdom	1
<i>Brassica macrocarpa</i>	1	Italy (1)	1	ITA331 (1) Facolta di Agraria, Universita degli Studi di Catania, Catania, Italy	1
<i>Brassica montana</i>	1	Italy (1)	1	ITA331 (1) Facolta di Agraria, Universita degli Studi di Catania, Catania, Italy	1
<i>Brassica tournefortii</i>	1	Italy (1)	1	ITA331 (1) Facolta di Agraria, Universita degli Studi di Catania, Catania, Italy	1
<i>Brassica villosa</i>	1	Italy (1)	1	ITA331 (1) Facolta di Agraria, Universita degli Studi di Catania, Catania, Italy	1
<i>Brassica campestris</i>	2	Italy (2)	1	ITA331 (2) Facolta di Agraria, Universita degli Studi di Catania, Catania, Italy	1
<i>Brassica erectus</i>	2	Italy (1)	1	ITA331 (1) Facolta di Agraria, Universita degli Studi di Catania, Catania, Italy	1
<i>Brassica incana</i>	2	Italy (2)	1	ITA331 (2) Facolta di Agraria, Universita degli Studi di Catania, Catania, Italy	1
<i>Brassica insularis</i>	2	Italy (2)	1	ITA331 (2) Facolta di Agraria, Universita degli Studi di Catania, Catania, Italy	1
<i>Brassica rupestris</i>	2	Italy (2)	1	ITA331 (2) Facolta di Agraria, Universita degli Studi di Catania, Catania, Italy	1
<i>Brassica fruticulosa</i>	5	Italy (5)	1	ITA331 (5) Facolta di Agraria, Universita degli Studi di Catania, Catania, Italy	1

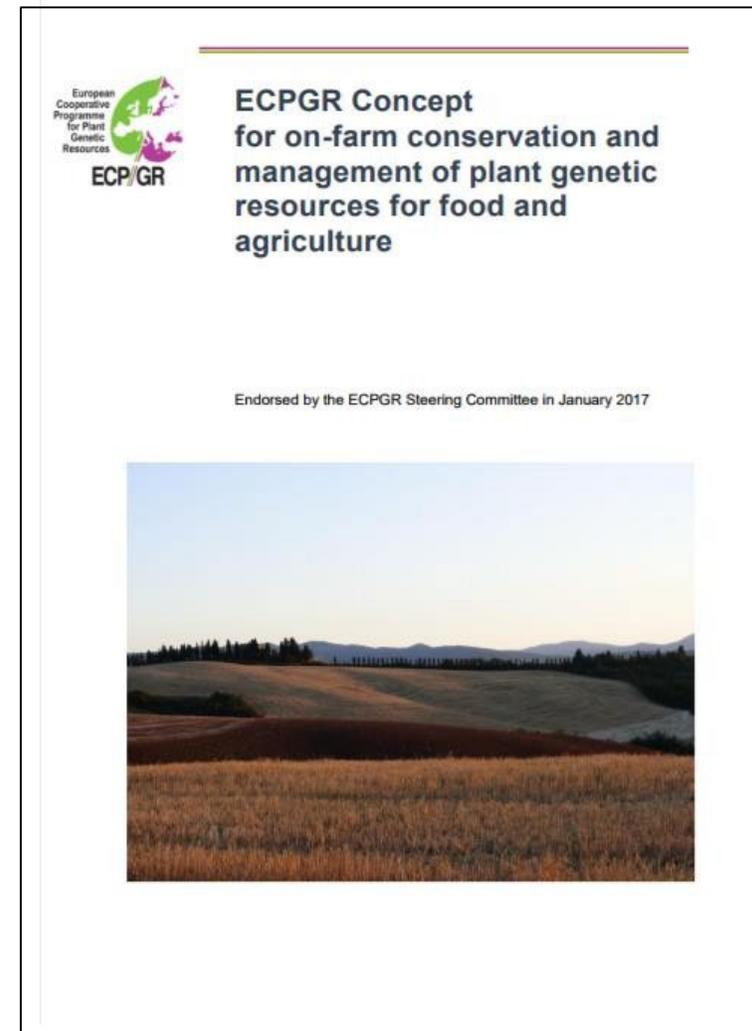
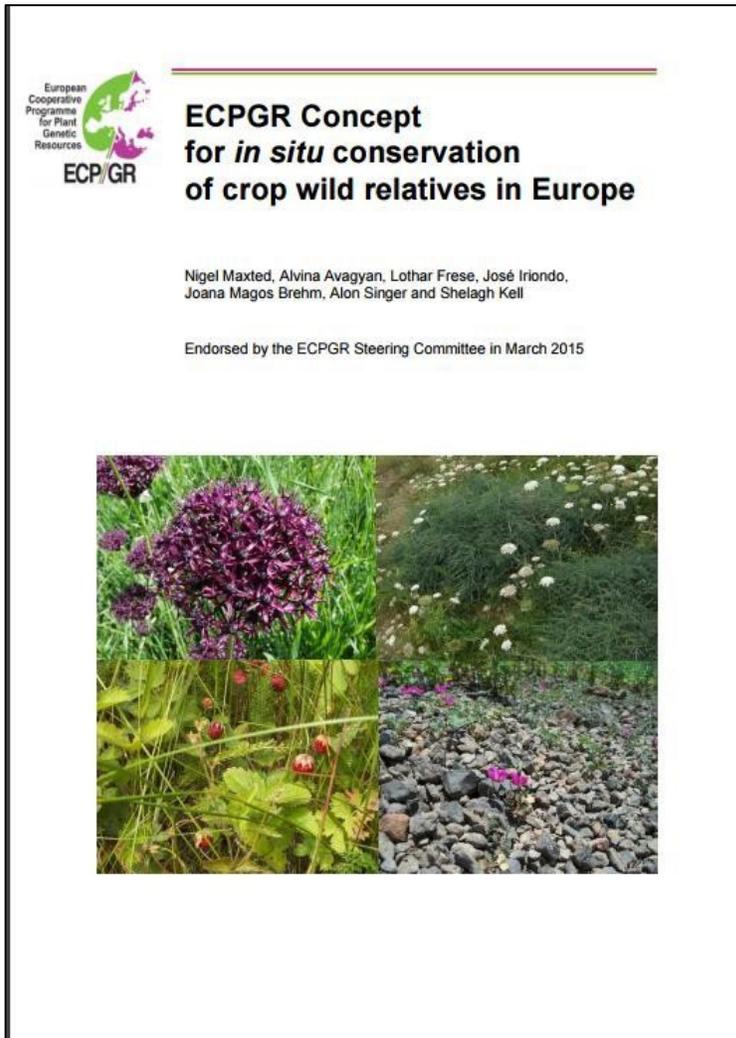
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Species	N° of accessions	Country	N° of countries	Institutions	Number of institutions
<i>Brassica carinata</i>	31	Germany (28), United Kingdom (3)	2	DEU146 (28) Genebank, Leibniz Institute of Plant Genetics and Crop Plant Research, Germany ; GBR006 (3) Warwick Genetic Resources Unit, Warwick	2
<i>Brassica nigra</i>	43	Germany (37), Italy (4), Romania (2)	3	DEU271 (37) External Branch North of the Department Genebank, IPK, Oil Plants and Fodder Crops in Malchow, Germany ; ITA331 (4) Facolta di Agraria, Universita degli Studi di Catania, Italy ; ROM007 (2) Suceava Genebank, Romania	3
<i>Brassica juncea</i>	68	Czech Republic (3), Germany (54), Netherlands (10), United Kingdom (1)	4	CZE122 (3) Gene bank, Prague 6 - Czech Republic; DEU271 (54) External Branch North of the Department Genebank, IPK, Germany	4
<i>Brassica rapa</i>	632	Czech Republic (2), Germany (254), Italy (22), Netherlands (171), Nordic Countries (98), United Kingdom (85)	6	CZE122 (2) Gene bank, Prague 6 - Czech Republic ; DEU146 (156) Genebank, Leibniz Institute of Plant Genetics and Crop Plant Research, Germany ; ITA331 (22) Facolta di Agraria, Universita degli Studi di Catania, Italy ; NLD037 (171) Centre for Genetic Resources, Wageningen; SWE054 (98) Nordic Genetic Resource Center, Sweden ; GBR006 (85) Warwick Genetic Resources Unit, Warwick	6
<i>Brassica napus</i>	784	Czech Republic (34), Germany (383), Netherlands (30), Nordic Countries (164), United Kingdom (173)	5	CZE122 (34) Gene bank, Prague 6 - Czech Republic; DEU271 (349) External Branch North of the Department Genebank, IPK, Germany ; NLD037 (30) Centre for Genetic Resources, Wageningen; SWE054 (164) Nordic Genetic Resource Center, Sweden ; GBR006 (173) Warwick Genetic Resources Unit, Warwick	5
<i>Brassica oleracea</i>	2162	Bosnia and Herzegovina (5), Germany (672), Italy (209), Netherlands (462), Nordic Countries (168), United Kingdom (646)	6	BIH039 (5) Institute of Genetic Resources, University of Banja Luka; DEU146 (574) Genebank, Leibniz Institute of Plant Genetics and Crop Plant Research, Germany ; ITA331 (209) Facolta di Agraria, Universita degli Studi di Catania, Italy ; NLD037 (462) Centre for Genetic Resources, Wageningen; SWE054 (168) Nordic Genetic Resource Center, Sweden ; GBR006 (646) Warwick Genetic Resources Unit, Warwick	6

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***Thank you for your attention!***

