



STATUS OF THE NATIONAL ALLIUM COLLECTION - SLOVENIA

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Number of accessions in the COUNTRY collection(s)

Species/Crop	Ex situ	Field	Cryo	Vitro	Total
Garlic (<i>Allium sativum</i> L.)	43	43			43
Shallot (<i>Allium ascalonicum</i> L.)	-				-
Common onion (<i>Allium cepa</i> L.)	62				62
Chive (<i>Allium schoneoprasum</i> L.)	-				-
Leek (<i>Allium porrum</i> L.)	-				-
Spring onion (<i>Allium fistulosum</i> L.)	-				-
Wild Alliums	21				21
TOTAL	126	43			126



Safety duplication percentage

Species/Crop	%
Garlic (<i>Allium sativum</i> L.)	0
Shallot (<i>Allium ascalonicum</i> L.)	-
Common onion (<i>Allium cepa</i> L.)	0
Chive (<i>Allium schoneoprasum</i> L.)	-
Leek (<i>Allium porrum</i> L.)	-
Spring onion (<i>Allium fistulosum</i> L.)	-
TOTAL	0

Comments:
No safety duplication is established yet

Structure of the garlic collection by country of origin

Country of origin	Number of accessions	Country of origin	Number of accessions
Slovenia	31	E	
Croatia	3	F	
Serbia	4	G	
Bosnia and Herzegovina	5	H	

Comments: /



Structure of onion collection by country of origin

Country of origin	Number of accessions	Country of origin	Number of accessions
Slovenia	61	E	
Italy	1	F	
C		G	
D		H	

Comments: /

Biology status of the garlic collection and ability to flower

Biological status	Number of accessions
Wild	
Advanced or improved cultivar	
Breeding/research material	
Traditional cultivar/landrace	43

Ability to flower	Number of accessions
Bolting garlic	27
Non bolting	16
Semibolting	

Comments:

Biology status of the onion collection (*Allium cepa*)

Biological status	Number of accessions
Wild	
Advanced or improved cultivar	
Breeding/research material	
Traditional cultivar/landrace	62

Comments: /

Status of documentation

- Descriptors used: UPOV, ECPGR
- Documentation system (software): MS Excel, MS Access
- % characterized: ca. 50 %
- C&E data to EURISCO: not yet
- Pictures available: partly



Acquisitions

- Any plans to fill gaps:
 - Garlic: after genetic analysis has been finished the transfer to *in vitro* conditions for storage will start (with the most important accessions first)
- Acquisition strategy: direct collecting/ from companies / genebanks, etc.
 - In certain parts of Slovenia some local accessions of onion, garlic, shallot may still be found - direct collecting is proposed;
 - Other genebanks will be checked and if any Slovene accession is still found the process of repatriation will start



Use of the collection

- Availability of material (% available and under what terms – SMTA, MTA): 50%, SMTA
- Cooperation with users (breeders, NGOs, farmers): ..
- Ongoing projects: characterization of garlic and onion accessions (project under the Rural Development Programme 2014-2020)



Main problems

- Garlic collection should be transferred to *in vitro* culture (or cryopreservation)
- No safety duplications is established yet



Proposals for collaborative activities within the Working Group

- ??
- On farm conservation, CWR,...



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A. ursinum



ECP/GR