

## ***Allium* Working Group (AWG)**



***Allium* Working Group (AWG) was established in 1982 during the first Phase of ECPGR**

### **Meetings**

**The AWG has had 12 meetings during its 40 years of existence**

- seven regular,**
- two ad hoc**
- three meetings via the Vegetables Network (VEGNET) of (ECPGR)**



<b>Regular meeting</b>	<b>Country</b>	<b>Town</b>	<b>Date</b>
ECPGR <i>Allium</i> Working Group - 1st meeting	United Kingdom	Wellesbourne, Warwickshire	26.02.1982-27.02.1982
ECPGR <i>Allium</i> Working Group - 2nd meeting	Hungary	Tapioszele	30.05.1984-01.06.1984
ECPGR <i>Allium</i> Working Group - 3rd meeting	United Kingdom	Wellesbourne, Warwickshire	06.09.1988-09.09.1988
ECPGR <i>Allium</i> Working Group - 4th meeting	Germany	Gatersleben	11.06.1991-15.06.1991
ECPGR <i>Allium</i> Working Group - 5th meeting	Poland	Skierniewice	26.05.1995-28.05.1995
ECPGR <i>Allium</i> Working Group - 6th meeting	Bulgaria	Plovdiv	24.10.1997-26.10.1997
ECPGR <i>Allium</i> Working Group - 7th meeting	Greece	Perea, Thessaloniki	06.09.2011-08.09.2011
ECPGR <i>Allium</i> Working Group - 8th meeting	Poland	Skierniewice	11.10.2022-12.10.2022



## Ad hoc meeting

ECPGR <i>ad hoc</i> meeting on vegetatively propagated <i>Allium</i>	Germany	Gatersleben	22.05.2001-23.05.2001
<i>Allium</i> and <i>Brassica ad hoc</i> meeting (AEGIS)	Czech Republic	Prague	21.01.2006-22.01.2006

## Meeting of the ECPGR Vegetables Network

The First Meeting of the ECPGR Vegetables Network, Joint Meeting with an ad hoc group on Leafy Vegetables	Poland	Skierniewice	22-24 May 2003
The Second Meeting of the Vegetables Network (VEGNET)of (ECPGR)	Czech Republic	Olomouc	26-28 June 2007
The Third Meeting of the ECPGR Vegetables Network	Italy	Catania	10-12 November 2009.

## Chairs

Dr. Dave Astley	- 1982 – 2011
Dr. Joachim Keller	- 2012- 2014
Dr. Helena Stavělíková	- 2015

# In this time AWG has 64 members from 35 countries – in

## positions:

Genebank Curator - 20

Crop specialist - 26

Information/Documentation - 10

Plant breeder - 10

Policy and law - 7

other expertise – 4

Contact persons - 8





- From 2011 AWG has many new members on the basis**
- new rules for nomination of member WG by National Coordinator (NC),**
  - regular rotation**
  - “change “generation**

<b>Country</b>			
<b>Italy</b>	<b>Mr. Alessandro Natali</b>	<b>Mr Massimo Schiavi</b>	<b>successor to Vito Micolis</b>
<b>Spain</b>	<b>Marcelino de los Mozos Pascual</b>		<b>successor to Francisco Mansilla</b>
<b>Germany</b>	<b>Ms.Manuela Nagel</b>		<b>successor to Joachim Keller</b>
<b>UK</b>	<b>Ms. CharlotteAllender</b>		<b>successor to Dave Astley</b>
<b>Poland</b>	<b>Mr. Mariusz Chojnowski</b>	<b>Ms Marta Olas -Sochacka</b>	<b>successor to Teresa Kotlinska</b>
<b>Portugal</b>	<b>Isabel Gomes da Silva</b>	<b>Ana Maria Barta</b>	<b>Aida Reis</b>

# Milestones of AWG's work since the last regular meeting



## **2013 –**

The European Allium Database has been upgraded into a database which is searchable online by database manager Markus Oppermann at IPK, Gatersleben.

## **May 2015**

The *Allium* Working Group agreed on their crop-specific standards for field genebanks

## **December 2016 –**

The project on "Safeguarding of potato onion (*Allium cepa* L. Aggregatum group) and garlic (*Allium sativum* L.) crop diversity in North Europe - Baltic region", submitted by the *Allium* Working Group for funding under the Fourth Call of the ECPGR Activity Grant Scheme, was selected by the Executive Committee.

## **2017**

preparing Crop-specific genebank standards for *in vitro*



### **July 2017**

The first SafeAlliDiv project meeting was held 11-12 July 2017 in Tallinn Estonia.

### **August 2017**

The *Allium* Working Group agreed on their crop-specific standards for *in vitro* culture and cryopreservation

### **April 2018**

The second SafeAlliDiv project meeting was held 17-18 April 2018 in Olomouc, Czech Republic.

### **January 2020**

Safeguarding of potato onion (*Allium cepa* L. Aggregatum group) and garlic (*Allium sativum* L.) crop diversity in North Europe – Baltic region (SafeAlliDiv): the Final Activity Report (June 2017–June 2019) and related data are now available online



### **May 2020**

Due to the COVID-19 pandemic, the meeting, originally planned for 26-27 May 2020 in Skierniewce, Poland, was cancelled.

### **October 2020**

The SafeAlliDiv published in International Journal Genetic Resources and Crop Evolution the article: Genetic characterization of European potato onion (*Allium cepa* var *Aggregatum* G. Don) collections as the result of project

### **October 2022**

The *Allium* Working Group will prepare meeting from 10 to 14 October 2022 in Skierniewice, Poland.



# Database



**1984**

Within ECPGR, the Allium database (EALLDB) was established

**2007**

The EALLDB was last updated in support of the EU GENRES EURALLIVEG project.

The EALLDB 2007 database contains 14 194 accessions representing 550 species from 43 institutions in 29 countries.

**2013 –**

The database is maintained by Leibniz Institute of Plant Genetics and Crop Plant Research Gatersleben (IPK).

The European Allium Database has been upgraded into a database which is searchable online by database manager Markus Oppermann at IPK, Gatersleben.

## Information from EURISCO (The European Search Catalogue for Plant Genetic Resources) about the genus Allium:

- 14 021 acc. of Allium are in EURISCO
- 32 countries hold germplasm of Allium
- 412 species of genus Allium are in EURISCO

Country	Accessions	Country	Accessions
Albania	17	Italy	185
Armenia	57	Latvia	126
Austria	28	Lithuania	8
Azerbaijan	46	Macedonia FYR	64
Belgium	59	Netherlands	432
Bulgaria	974	Nordic Countries	428
Croatia	79	Poland	1 690
Czech Republic	817	Portugal	560
Estonia	8	Romania	223
France	151	Russian Federation	14
Georgia	3	Slovakia	5
Germany	2 622	Slovenia	126
Greece	115	Spain	1 754
Hungary	698	Switzerland	50
Ireland	1	Ukraine	227
Israel	170	United Kingdom	2 284
		<b>Total</b>	<b>14 021</b>

Species	Num.Acc.
ALLIUM CEPA	5738
ALLIUM SATIVUM	3218
ALLIUM AMPELOPRASUM	638
ALLIUM PORRUM	592
ALLIUM FISTULOSUM	445
ALLIUM SCHOENOPRASUM	298
ALLIUM HIEROCHUNTINUM	138
ALLIUM TUBEROSUM	99
ALLIUM ROTUNDUM	83
ALLIUM SPHAEROCEPHALON	74

# 1 246 acc. of *Allium* are in A European Genebank Integrated System (AEGIS)

Species	Acc.	Country
<i>Allium altaicum</i>	3	Germany (3)
<i>Allium altynolicum</i>	4	Germany (4)
<i>Allium ampeloprasum</i>	151	Bulgaria (2), Germany (86), Netherlands (19), United Kingdom (44)
<i>Allium angulosum</i>	2	Germany (2)
<i>Allium carolinianum</i>	6	Germany (4)
<i>Allium cepa</i>	429	Germany (241), Netherlands (77), Nordic Countries (24), United Kingdom (87)
<i>Allium cepa x fistulos</i>	1	United Kingdom (1)
<i>Allium cernuum</i>	9	Germany (9)
<i>Allium fistulosum</i>	78	Germany (66), Nordic Countries (3), United Kingdom (9)
<i>Allium hymenorrhizum</i>	1	Germany (1)
<i>Allium karelinii</i>	1	Germany (1)
<i>Allium kermesinum</i>	1	Germany (1)
<i>Allium lusitanicum</i>	2	Germany (2)
<i>Allium nutans</i>	8	Germany (8)
<i>Allium oschaninii</i>	6	Germany (6)
<i>Allium porrum</i>	74	Netherlands (37), Nordic Countries (37)
<i>Allium ramosum</i>	6	Germany (6)
<i>Allium roylei</i>	1	Germany (1)
<i>Allium sativum</i>	341	Czech Republic (82), Germany (259)
<i>Allium schergianum</i>	1	Netherlands (1)
<i>Allium schoenoprasum</i>	81	Germany (30), Netherlands (10), Nordic Countries (41)
<i>Allium scorodoprasum</i>	3	Germany (2), Netherlands (1)
<i>Allium sphaerocephalon</i>	3	Netherlands (3)
<i>Allium tuberosum</i>	26	Germany (25), Netherlands (1)
<i>Allium ursinum</i>	6	Germany (6)
<i>Allium vavilovii x cepa</i>	2	Netherlands (2)



Thank you for your attention

