

BULLETIN No. 46



# EUCARPIA

European Association for Research on Plant Breeding  
Europäische Gesellschaft für Züchtungsforschung  
Association Européenne pour l'Amélioration des Plantes

December 2020

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European Association for Research on Plant Breeding  
Europäische Gesellschaft für Züchtungsforschung  
Association Européenne pour l'Amélioration des Plantes

**EUCARPIA** aims at promoting scientific and technical co-operation in the field of plant breeding in order to foster its further development. To achieve this purpose, the Association arranges and sponsors meetings of its members to discuss general or specific problems. Each year, EUCARPIA organizes open conferences and colloquia throughout Europe. Founded at Wageningen (The Netherlands) in 1956 as a non-profit organization, EUCARPIA has made considerable contributions to improving international contacts in plant breeding research. EUCARPIA has 11 sections and a number of working groups active in specific fields of interest.

**EUCARPIA** has individual members (qualified scientists in the field of plant breeding) and corporate members (research institutes, breeding stations, associations, societies etc.). A corporate membership is a collective membership for at most 10 persons.

To become a member of EUCARPIA, visit our website [www.eucarpia.org](http://www.eucarpia.org) and register online.

<b>Membership fees*:</b>	Individual members	40.-- €
	Individuals younger than 30 years or 65+	20.-- €
	Corporate members (max. 10 delegates)	300.-- €
	Honorary members	0.-- €

\*Special reduced rates apply for members from some countries, see page 19

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ISSN 0071-2221

**Editors:**  
**U. Lohwasser & A. Börner**  
**EUCARPIA Bulletin No. 46 (December 2020)**

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## **PRESIDENTIAL ADDRESSES**

### **Greetings of the past President**

Dear Section Leaders, Working Group Leaders and Members.

2020 has been a very strange and trying year for everyone, including our association. For the first time ever, the general congress could not be held and had to be postponed to 2021! But we are embracing the new opportunities and have decided as local organising committee to go for an online event with -if possible and allowed- some physical interactions. More information will be coming to you in the new year. I hope we can make this event, despite the unusual circumstances we have to operate in, into a successful and memorable one.

I wish the new members and my successor Prof. Andreas Börner lots of success in guiding our association to further fruition.

Prof. Dr. Richard G.F. Visser  
Past President of EUCARPIA

### **Greetings of the new elected President**

Dear Section Leaders, Working Group Leaders and Members.

After a four years period of being President Designate of EUCARPIA I took over the position as the new President of our Society after the election at the General Assembly, held on the 16<sup>th</sup> of September 2020. I want to thank all of you for your trust!

It was the first time in history of EUCARPIA that the Assembly took place on-line indicating that due to the Covid-19 pandemic we have to deal with alternative communication platforms. As you know, the aim of our organisation is to promote scientific collaboration in plant breeding research. This is mainly based on Section and Working Group meetings frequently organised. It is in the hands of the leaders of these units to keep EUCARPIA as an active tool to exchange scientific and practical ideas in research and breeding. You will get all support possible from the Executive Board via the EUCARPIA Office which moved from Wageningen to Gatersleben. The e-mail address is: [eucarpia@ipk-gatersleben.de](mailto:eucarpia@ipk-gatersleben.de).

After a nearly complete conference lock down in 2020 we have to re-activate the scientific communication. This is of special importance for junior staff starting to build up their scientific networks. Together with all members of the Executive Committee, I am looking forward to the coming four years to continue the successful activities of our association.

Prof. Dr. Dr. h.c. Andreas Börner  
President of EUCARPIA



## SECTION REPORTS

### a. Biometrics in Plant Breeding

The Section "Biometrics in Plant Breeding" had its next meeting planned for September 2021 in Paris. Due to the fact that the General Meeting was postponed and the general Corona situation, we decided to postpone our section meeting by one year. The new data will be 7-9 September 2022.

Hans-Peter Piepho, Section Chairperson, [Hans-Peter.Piepho@uni-hohenheim.de](mailto:Hans-Peter.Piepho@uni-hohenheim.de)

### b. Cereals

There was no periodical Section Meeting in 2020. However, a Rye Working Group Conference was planned to be organised in June 2020 in Gatersleben/Wernigerode, Germany. As many other events this conference had to be cancelled due to the Corona outbreak. It is postponed to June 2021.

#### Meetings in 2021

The International Symposium on Rye Breeding & Genetics - Rye Working group of the Cereals Section, will be held in Gatersleben/Wernigerode, Germany, June 20-23, 2021. In four plenary sessions recent developments on rye genetics and breeding will be discussed:

- Plenary Session 1: Rye genetic resources and diversity
- Plenary Session 2: Breeding methods and molecular tools
- Plenary Session 3: Disease resistance and stress tolerance
- Plenary Session 4: Rye for food, feed & fuel

Deadline for registration and abstract submission is 15 March 2021. Further details you will find under <https://meetings.ipk-gatersleben.de/eucarpia-rye-2021/>

The Sixth International Conference of Cereal Biotechnology and Breeding (CBB6) jointly organised with the EUCARPIA Cereals Section will take place in Budapest, November 2-5, 2021. The following topics will be discussed:

#### Natural Diversity for Genetic Improvement

- Environmental Adaptation
- Biotic Stress Response
- Quality for Food and Industrial Use
- Bioinformatics, Genomics and Genomic Predictions
- Genome Editing Tools
- Phenotyping Technologies
- Future Challenges and Innovations

For details, please visit the webpage at <https://akcongress.com/cbb/>

Andreas Börner, Section Chairperson, [boerner@ipk-gatersleben.de](mailto:boerner@ipk-gatersleben.de)

## c. Fodder Crops and Amenity Grasses

There was no periodical Section Meeting in 2020. A Festulolium Working Group Workshop planned to be organized in Poznan, September 2020 was cancelled due to a coronavirus pandemic. Despite this, some news are still to be spread among the members of Eucarpia Fodder Crops and Amenity Grasses Section:

- **New website** of the section has been released and is available at <https://www.forages-eucarpia.org> We believe that it could serve as a platform for distribution of the information about upcoming meetings, newly released publications and genetic resources for our FCAG section.
- Special issue „Festulolium – from nature to modern breeding“ of *Biologia Plantarum* with 14 papers will be published as a book in the first half of 2021 and will be given to participants of the upcoming section meeting.
- Next meeting of the Fodder Crops and Amenity Grasses Section will be organized in the next year.
- Title of the conference: Exploiting genetic diversity of forages to fulfil their economical and environmental roles
- Website: <https://eucarpia-forage-crops-2021-bayern.de/index.html>
- Venue: Bavarian State Research Center for Agriculture, Freising, Germany
- Chair of Organizing Committee: Dr. Stephan Hartmann
- Important dates:
- Registration opening: January 5, 2021
- Registration deadline: March 15, 2021
- Abstract (4-pages papers) submission deadline: March 15, 2021
- Festulolium Working Group Workshop: September 5, 2021
- Conference: September 5-9, 2021
- Mode of conference will depend on the coronavirus situation in Germany as well as in countries of participants. Organizers are ready to prepare the meeting at site, in hybrid form as well as online-only. The decision will be made during the late spring 2021.
- Festulolium Working Group Workshop will be attended to the FCAG section meeting in Freising in September 2021.

David Kopecký, Section Chairperson [kopecky@ueb.cas.cz](mailto:kopecky@ueb.cas.cz)

## d. Fruit

As in other EUCARPIA groups, our recent activities of Fruit section have been negatively affected by the pandemic COVID - 19. This pandemic negatively affects many spheres of life, including the impossibility of traveling and meeting people in person at the international as well as national level.

Most supposed meetings had to be cancelled.

In 2020, there have been mostly activities related to the publication of the proceedings of our last group meeting The XV EUCARPIA Fruit Breeding and Genetics Symposium, which was held in the campus of the Czech University of Life Sciences in Prague from June 3 to 7, 2019. These proceedings will be published in *Acta Horticulturae* in the framework of cooperation with ISHS. The reviewing process and editorial work is still ongoing and the respective volume is planned to be printed in year 2021. It needs to be emphasized that at the time of the culminating editorial work and review procedures for publishing of these symposium proceedings, the life of all people around the world was negatively affected by the ongoing pandemic of COVID-19. This extraordinary situation made the review process and editorial work on *Acta Horticulturae* more difficult and challenging. I would like to thank the reviewers from EUCARPIA Fruit section, who, even in these extraordinary circumstances, provided reviews and thus contributed to increasing the quality of the published works. In this regard, special thanks belong to the

team of Agroscope (Wädenswil, Switzerland) and co-editor Markus Kellerhals, who played a significant role during the preparation of the proceedings.

EUCARPIA fruit section members are currently active in preparation and planning new projects dealing with fruit genetic resources under the framework of European Cooperative Programme for Plant Genetic Resources (ECPGR). The results of these projects are planned to be used also in future breeding programmes.

Jiri Sedlak, Section Chairperson, [sedlak@vsuo.cz](mailto:sedlak@vsuo.cz)

## e. Genetic Resources

### Conference postponement

This time last year, the Genetic Resources section conference, ‘ENSURING DIVERSITY FOR FOOD AND AGRICULTURE: Plant genetic resources—*in nature and on-farm*’ had been planned to take place in Tróia, Portugal, 5–8 October 2020, in association with the EU-funded Farmer’s Pride project ([farmerspride.eu](http://farmerspride.eu)) and ECPGR ([www.ecpgr.cgiar.org/](http://www.ecpgr.cgiar.org/)). None of us could have predicted what 2020 would bring, and, as for many other meetings, workshops and conferences, decisions had to be made about options for postponing the conference or attempting to convene a virtual event. Zoom and other platforms have been invaluable in recent months, whether for small group meetings or for large congresses. Nonetheless, the experience has shown that meeting online cannot take the place of meeting in person, despite the obvious environmental benefits.

Fortunately, the Organizing Committee of the Genetic Resources section conference has been able to postpone the event until June 21–24 2021 (same location and venue) by seeking and being granted a nine month extension of the Farmer’s Pride project from the European Commission. We remain optimistic that the (now Covid safe) conference will go ahead as planned and will be opening registration and a call for abstracts early in 2021.

For further information and to receive updates about the conference, please visit [farmerspride/conference/](http://farmerspride/conference/).



### European *in situ* network

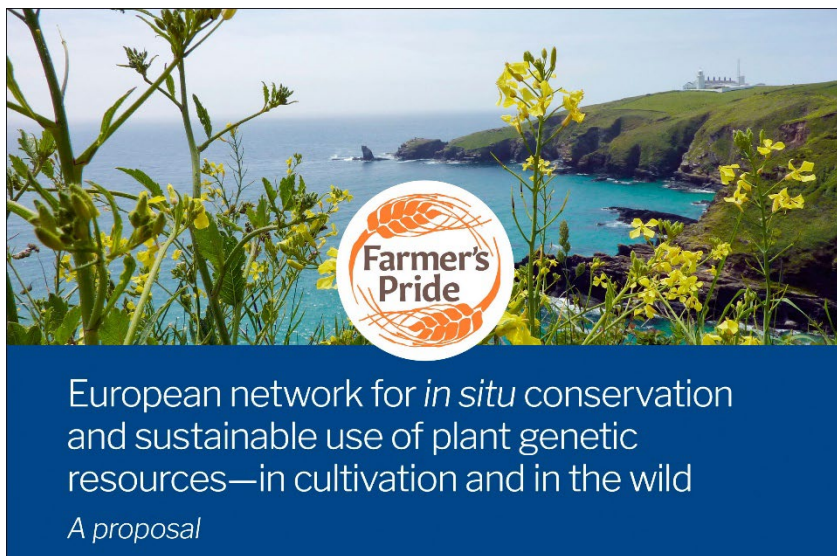
As reported in the 2019 Bulletin, one of the major outcomes of the Farmer’s Pride project is the establishment of a European network for *in situ* conservation and sustainable use of plant genetic resources ([farmerspride/network/](http://farmerspride/network/)). The aim is to create a permanent system for Europe-wide *in situ* conservation of plant genetic resources, including associated complementary conservation *ex situ*, and critically, to promote and facilitate the use of more diversity for the benefit of society.

The rationale for the network is clear – plant genetic resources are threatened by a range of environmental and social factors (including land conversion, climate change, intensive farming, pollution, over-harvesting, and insufficient market opportunities for diverse local products), and are at risk of extinction and erosion. At the same time, plant breeders and farmers are increasingly seeking

novel sources of diversity to adapt crops to thrive in the extreme and uncertain environmental conditions caused by climate change – diversity that cannot be conserved *ex situ* alone. *In situ* (including on-farm) conservation is vital to maintain the broadest range of diversity possible and the adaptive capacity of populations.

To this end, Farmer's Pride collaborators have been undertaking a range of activities to increase knowledge, provide tools and guidelines, promote the importance of *in situ* conservation and sustainable use of plant genetic resources, and influence policymakers and other stakeholders. Highlights include: a report highlighting important traits currently sought by farmers and breeders in Europe, and identifying some *in situ* crop wild relative and landrace populations that are likely to contain them based on predictive characterization ([farmerspride/key-documents/access-to-pgr/](#)); an analysis of the value of the Natura 2000 network for crop wild relative conservation ([farmerspride/key-documents/crop-wild-relatives/](#)); the publication of an evidence-base on the benefits, opportunities and practices of landrace cultivation to promote their *in situ* maintenance ([ecpgr.cgiar.org/in-situ-landraces-best-practice-evidence-based-database](#)); five issues of the newsletters *Crop wild relative* and *Landraces* ([farmerspride/key-documents/newsletters/](#)); and a policy brief calling for policymakers to work with other plant genetic resources stakeholders to ensure adequate policies are in place to support their *in situ* conservation and sustainable use ([farmerspride/key-documents/policy-documents/](#)).

Critically, project collaborators are debating and developing a proposal for the flow of germplasm from populations conserved *in situ* to the user community. In these times of the climate and biodiversity crisis, we need to ensure the continued availability of diverse plant genetic resources to sustain agriculture and food security more than ever before. The establishment of the European network for *in situ* conservation and sustainable use of plant genetic resources is essential to meet this need.



Keep up to date with developments by visiting the Farmer's Pride website and signing up to the project newsletter ([farmerspride.eu/](#)).

Shelagh Kell, Section Chairperson, [s.p.kell@bham.ac.uk](mailto:s.p.kell@bham.ac.uk)

## f. Maize & Sorghum

Last section meeting was held October 7 – 9, 2019 chaired by Pr. Chris-Carolin Schoen at Technical University of Munich. Next meeting will be held in 2022 in Belgrade, chaired by Dr. Violeta Andjelkovic at Maize Research Institute Zemun Polje.

Alain Charcosset, Section Chairperson, [alain.charcosset@inrae.fr](mailto:alain.charcosset@inrae.fr)

## g. Oil & Protein Crops

Unfortunately, we had no activity this year and there is nothing to announce in the bulletin. I intended to communicate the details of the next section meeting, but because of the covid situation this will be delayed to next year. I hope we will celebrate the meeting in 2022, but we cannot give any details now about the place and the dates.

Leonardo Velasco, Section Chairperson, [lvelasco@ias.csic.es](mailto:lvelasco@ias.csic.es)

## h. Organic & Low-input Agriculture

This section addresses the issues that are relevant to breeding for organic and low-input agriculture.

The **last section meeting** was held on 19-21 February 2018 in Witzenhausen, Germany on ‘Breeding for Diversification’ and it was a joint meeting of the Section with ECO-PB, LIVESEED, INSUSFAR, DIVERSify, HealthyMinorCereals, ReMIX, and Wheatamix, see proceedings at: <https://www.eucarpia.org/organic-and-low-input-agriculture.html>.

**The Section Board** since February 2018 consist of Dr. Linda Legzdina (chair, AREI, LV), Prof. Dr. Gunter Backes (vice-chair, University of Kassel, D), Dr. Monika Messmer and Dr. Pierre Hohmann (FiBL, CH), Dr. Pedro Mendes Moreira (ESAC, PT), and Edith Lammerts van Bueren (em.prof. Wageningen University, NL). Dr. Pierre Hohmann is the chair of the working group on plant microbe interaction.

**2nd EUCARPIA Workshop on Implementing Plant-Microbe Interactions in Plant Breeding**, attached to miCROPe (International Symposium on Microbe-Assisted Crop Production) was held on 6 December, 2019 in Tulln, Austria. Additional information can be found on [https://www.micrope.org/pub/EUCARPIA\\_workshop.pdf](https://www.micrope.org/pub/EUCARPIA_workshop.pdf).

The workshop aimed to strengthen a network among plant breeders and scientists of different disciplines to explore the use of plant-microbe interactions in plant breeding. The outcomes of this workshop have recently been communicated as part of the publication Pierre Hohmann, Klaus Schlaeppli, Angela Sessitsch (2020). miCROPe 2019 – emerging research priorities towards microbe-assisted crop production. FEMS Microbiology Ecology, 96(10), <https://doi.org/10.1093/femsec/fiaa177>

**Next session meeting** is under preparation. It will be **international ONLINE conference “BREEDING INNOVATIONS FOR ORGANIC FOOD SYSTEMS”** organized by EUCARPIA Section Organic and Low Input Agriculture jointly with LIVESEED, BRESOV, ECOBREED, FLPP and ECO-PB on **8-10 March 2021** and hosted by AREI (Latvia).

Abstract submission is going on until December 10<sup>th</sup> 2020, and the registration will be closed on February 28<sup>th</sup> 2021. Invited keynote speakers will be: Louise Lutikholt (IFOAM-ORGANICS INTERNATIONAL), Julie Dawson (University of Wisconsin, USA), Micaela Colley (Organic Seed Alliance, USA), Gabriele Berg (TU Graz, Austria) and Nicolas Enjalbert (Seedlinked, USA).

More info available at conference homepage:

<https://www.eucarpialiveseedconference2021.lv/>

Linda Legzdina, Section Chairperson, [linda.legzdina@arei.lv](mailto:linda.legzdina@arei.lv)

## i. Ornamentals

For the section ornamentals there were no special activities in 2020.

The **next symposium** for the ornamental section will be organized in 2023.

The title for the meeting is: XVII International Eucarpia Symposium Section Ornamentals - From Nature to Culture: Breeding Ornamentals for Sustainability

Location: Genoa (Italy)

Begin date: July 2, 2023 - End date: July 5, 2023

Hashtag#EucarpiaOrnam2023

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## Publications

The proceedings of the “XXVI International Eucarpia Symposium Section Ornamentals: Editing Novelty” were published in 2020 in Acta Horticulturae 1283, pp 218 (<https://www.ishs.org/ishs-book/1283>).

Johan van Huylenbroeck, Section Chairperson, [johan.vanhuylenbroeck@ilvo.vlaanderen.be](mailto:johan.vanhuylenbroeck@ilvo.vlaanderen.be)

## j. Potatoes

For a long time EUCARPIA Section ‘Potatoes’ has joined forces with the Section ‘Breeding and Varietal Assessment’ of the European Association for Potato Research (EAPR) to organize joint meetings bringing together scientists from various fields centering on the improvement of potato. Most recently, these joint meetings were held in Warnemünde (Germany) in 2018, Vico Equense (Italy) in 2015, and Hévíz (Hungary) in 2013.

The Joint Meetings were initiated to encourage breeders and scientists working on different aspects of potato breeding to share information and progress in the joint objective of promoting potato as a global staple food. There are other international meetings on potato, such as the EAPR Triennial Conference, the other EAPR section meetings, meetings of the Potato Association of America (PAA), the Asociación Latino Americana de la Papa (ALAP), the World Potato Congress (WPC) or the Solanaceae conferences, but none are focused on potato breeding like the Joint Meetings of EAPR Section ‘Breeding and Varietal Assessment’ and EUCARPIA Section ‘Potatoes’.

The 20th Joint Meeting was planned to be organized in spring 2021 in Nigde province, the center of potato production in Turkey. However, due to the enduring COVID-19 pandemic and the resulting postponement of both EAPR and EUCARPIA General Congresses to summer 2021, it was decided jointly by the two sections that the 20th Joint Meeting of EAPR Section ‘Breeding & Varietal Assessment’ and EUCARPIA Section ‘Potatoes’ will be held in early 2022 in Turkey or as an online event. In addition, if the format allows, EUCARPIA Section ‘Potatoes’ is planning to host a session on “Reproductive Techniques in Potato Breeding” at the next EUCARPIA General Congress in August 2021.

Vanessa Prigge, Section Chairperson, [vanessa.prigge@saka-pflanzenzucht.de](mailto:vanessa.prigge@saka-pflanzenzucht.de)

## k. Vegetables

The EUCARPIA Section Vegetables has four working groups: Tomato, Cucurbitaceae, Capsicum and Eggplant, Leafy Vegetables. Each working group organizes meetings once every three or four years.

Due to Covid19 in 2020, we had to reschedule a number of our planned meetings. Here I list these meetings for a clear message:

1. The 12<sup>th</sup> Eucarpia Meeting on Cucurbit Genetics and Breeding (<https://www.cucurbitaceae2021.com>): It was planned in May 2020 in Almeria (Spain) and now postponed to **2021 May**. At this moment, it is hard to confirm that this event will be organized as planned since the corona situation is ever-changing. We hope that a creative solution will be found and communicated later by the organizing committee: Prof. Manuel Jamilena (University of Almería), Dr. Marisa Gómez Guillamón (the Institute for Mediterranean and Subtropical Horticulture "La Mayora" in Málaga) and Prof. Belén Picó (the Polytechnic University of Valencia).
2. The 20<sup>th</sup> EUCARPIA meeting of the Tomato Work Group: this meeting was planned in 2021 and postponed to **2022**. It will be organised in Valencia, Spain by Prof. Jaime Prohens (Universitat Politecnica de Valencia) and Prof. Antonio Granell (CSIC).
3. The 18th EUCARPIA Meeting on Genetics and Breeding of Capsicum and Eggplant: this meeting will be held in Bulgaria **in 2022**.
4. The 10<sup>th</sup> EUCARPIA meeting of Leafy Vegetables: this meeting will be organized **in 2023** in the Netherlands.

Here, I would like to take this opportunity to thank all organisers for their commitment and efforts in rescheduling the meetings! Let's hope that our life will be back to normal next year and our planned meetings can be organized as planned.

I really look forward to seeing our old and new EUCRPIA members online or preferably F2F in next EUCARPIA meetings!

Yuling Bai, Section Chairperson, [bai.yuling@wur.nl](mailto:bai.yuling@wur.nl)

## RECENT EUCARPIA PUBLICATIONS

a. Biometrics in Plant Breeding	
b. Cereals	
c. Fodder Crops and Amenity Grasses	
d. Fruit	
e. Genetic Resources	
f. Maize & Sorghum	
g. Oil & Protein Crops	
h. Organic & Low-input Agriculture	
i. Ornamentals	Proceedings of the “XXVI International Eucarpia Symposium Section Ornamentals: Editing Novelty Acta Horticulturae 1283, 218 pp. <a href="https://www.ishs.org/ishs-book/1283">https://www.ishs.org/ishs-book/1283</a>
j. Potatoes	
k. Vegetables	



## NEWS FROM THE EUCARPIA SECRETARIAT

### New Executive Committee / New Secretariat

During the the General Assembly, held as an online meeting on the 16th of September, a new Executive Committee (EC) has been elected.

President	Andreas Börner	Germany
Secretary General	Ulrike Lohwasser	Germany
Treasurer	Roland Peter	Switzerland
Past President	Richard Visser	The Netherlands
President Designate	Maria Raffaella Ercolano	Italy
Scientific Secretary	Jaime Prohens	Spain

### Leaving the Executive committee

Beat Boller, who had been in the Executive Committee since 2004 has left. He has been very active till the last day of his membership of the EC. In addition, Stefan van der Heijden who had been treasurer since 2012 and Thijs Simons who had been Secretary General since 2016 have left as well. To all of them a big thank for their active role in EUCARPIA.

### Website

A new website is under construction and will be available early 2021. For you as members nothing will be changed. The website still combines the external information with the membership administration and the online payment.

### Organizing section meetings

The standard financial support (subsidy) for a section meeting is currently € 3000.-, for a working group meeting € 1500.-. Within a 4-year term, each section or working group is entitled to receive those subsidies a maximum of twice. No subsidies are granted for EUCARPIA events scheduled closer than 6 months to the next General Congress. EUCARPIA subsidies are to be used for the benefit of EUCARPIA members. In this respect, there should be a significant difference between the registration fees for members of EUCARPIA and non-members participating. The minimal difference should be € 40.- per person. In the last years we did not actively ask the organizing sections to provide a copy and a .pdf of all publications resulting from the event. In the coming months we will contact all organizing sections of the last years and ask to check if their database at the website <https://www.eucarpia.org/publications.html> is up to date.

The secretariat can provide you:

- the application form for requesting the subsidy for the organization of meetings
- the logo of EUCARPIA in multiple forms
- links to the website <https://www.eucarpia.org/activities/meetings.html>
- messages to the members of EUCARPIA

The secretariat



Ulrike Lohwasser, PhD  
Secretary General



Franziska Gläser  
Membership Affairs

## MEMBERSHIP FEES

You can renew your membership when you login on [www.eucarpia.org](http://www.eucarpia.org) at any time. You will also be asked to do so by automatically generated e-mail. The membership fee for individual members is €40 for members of Western Europe and developed countries from elsewhere outside Europe. Under Item 5, the General Assembly of EUCARPIA of 30 August 2016 decided to put the assignment of countries to categories 1, 2 and 3 on the basis of objective criteria. It was decided to use the United Nations contribution quota as a basis for this assignment. This decision was implemented in 2017.

The assignments to categories were implemented in the member management part of the website. New members, when subscribing online and indicating their country of origin, are automatically assigned to the corresponding category and their annual membership fees are set accordingly by the system. Countries not listed above are also categorized according to the same criteria.

On top of this, members younger than 30 years or older than 65 years have 50% discount and pay €20, €15 or €10 depending on the category listing of their country.

The fee of corporate members is €300, €225 or €150, depending on the category listing of their country. Corporate membership fee covers the fees of maximum 10 delegates.

The preferred option of payment for individual members is to login to the members zone of the homepage and click on Membership renewal. If you forgot your password you can ask online for a new one. If you need assistance you can contact [eucarpia@ipk-gatersleben.de](mailto:eucarpia@ipk-gatersleben.de) You will be able to choose between credit card (VISA or MasterCard) payment or an electronic bank transfer. If you do not have access to internet, you may transfer your payment to:

UBS AG  
CH-8098 Zürich, Switzerland  
IBAN: CH90 0022 8228 EU10 0387 6  
BIC: UBSWCHZH80A

Please indicate your name and membership number in the transfer. Use the SEPA option or, if this is not available at your bank, choose “breakdown of costs”. We do not accept cheques. Online payment by credit card without logging in is available on request at the Secretariat.

### **Membership privileges**

#### *Individual membership*

EUCARPIA membership advantages include:

- Free publication of breeding related international events on the website (contact the Secretariat)
- Reduction ( $\geq 40$  €) in the registration fee for events (General congress, symposia, meetings, etc.) organized by EUCARPIA.
- Participation in the EUCARPIA sections of your interest (or in all if you wish).
- Reception of the EUCARPIA Bulletin, with information on EUCARPIA activities, publications, dates and information of symposia, meetings and events related to plant breeding, etc.
- Reception of the mailings about the upcoming events and important data.
- Facilitation of international cooperation, exchange of methods and plant material, etc.

#### *Corporate membership*

In addition to the advantages entitled to individuals, Corporate members (Institutes, Departments, Companies, Associations, Societies, etc.) advantages include:

- Possibility of enlisting up to 10 individual delegates associated to the corporate membership.
- A link to the web page of the Institution can be posted in the web page of EUCARPIA. This web page is visited mainly by breeders and receives many hits per day.

The 2017 assignments of countries with currently active members resulted as follows:

<b>Category 1</b>	<b>Category 2</b>	<b>Category 3</b>
Australia	Argentina	Albania
Austria	Brazil	Bangladesh
Belgium	Chile	Belarus
Canada	Croatia	Bulgaria
Cyprus	Estonia	China
Czech Republic	Hungary	Colombia
Denmark	Kazakhstan	Egypt
Finland	Latvia	Ghana
France	Lithuania	India
Germany	Mexico	Indonesia
Greece	Poland	Iran (Islamic Republic)
Ireland	Russian Federation	Madagascar
Israel	Slovakia	Morocco
Italy	Turkey	Nepal
Japan	Uruguay	Nigeria
Korea, Republic		Pakistan
Netherlands		Romania
New Zealand		Serbia
Norway		South Africa
Portugal		Thailand
Saudi Arabia		Ukraine
Singapore		Zambia
Slovenia		
Spain		
Sweden		
Switzerland		
Taiwan		
United Arab Emirates		
United Kingdom		
United States		

## OVERVIEW CORPORATE MEMBERS

EUCARPIA currently has 58 corporate members. Each corporate member receives annually a coupon code for at least 10 personal memberships attached to the invoice for the membership. With this coupon code employees of the company can register or prolongate their personal membership to receive e-mails with updates of the meetings and discount when they participate. The coupon code is communicated with the contact person of the corporate member and they decide upon the further distribution of the codes.

Company Name	Company Name
1 Agroscope Inh	30 Lantmännen Ek För
2 Barenbrug Research	31 Lantmannen Sw Seed Bv
3 Bundessortenamt	32 Limagrain Nederland B.V.
4 Caussade Semences	33 Limgroup B.V.
5 Cereal Research Non-Profit Ltd. Company	34 Lithuanian Research Centre For Agric. And Forestry
6 Crop Research Institute	35 Maisadour Semences
7 De Groot En Slot Allium B.V.	36 Maize Research Institute
8 Delley Seeds And Plants Ltd	37 Max Planck Institute For Plant Breeding Res.
9 Deutsche Saatveredelung Ag	38 Meridiem Seeds
10 Dlf Seeds	39 Nordgen
11 Dlf-Trifolium	40 Nunhems Netherlands Bv/Library
12 Euralis Semences	41 Pbs International Uk
13 Florimond Desprez	42 Plant Breeders Union Of Turkey
14 Gautier Semences Sas	43 Plant Breeding And Acclimatization Institute
15 Gediflora	44 Ragt R2n
16 Gemeinschaft Zur Förderung Von Pflanzeninnovation E. V	45 Res. And Breeding Inst. Pomology Holovously Ltd.
17 Gpz Sekretariat	46 Rijk Zwaan Breeding B.V.
18 Hazera Genetics Ltd.	47 Saatzucht Steinach Gmbh
19 Hungarian Academy Of Sciences	48 Sakata Vegetables Europe
20 Ibers	49 Science And Advice For Scottish Agriculture (Sasa)
21 Ilvo-Plant	50 Semillas Fito
22 Inst. Of Field And Vegetable Crops	51 Syngenta Seeds, Llc
23 Institute Of Agricultural Resources And Economy	52 Takii Europe B.V.
24 Institute Of Plant Genetics	53 Technical Institute For Fruits And Vegetables
25 Ipgr "K. Malkov" Sadovo	54 The Federal Res. Center Inst. Of Cytology And Genetics
26 IPK Gatersleben	55 Uc Davis European Plant Breeding Academy
27 Japanese Society Of Breeding	56 University J.J. Strossmayer
28 Kws Lochow Gmbh	57 University Of Zagreb
29 Kws Saat Se	58 Wageningen Ur - Plant Breeding

## EUCARPIA MEETING CALENDAR FOR 2021 AND LATER

More information and updates on these meetings can be found on the web page of EUCARPIA ([www.eucarpia.org](http://www.eucarpia.org))

### General Congress

The general congress had to be postponed to 2021 due to the corona pandemic. Here are the new dates:

#### **XXIst EUCARPIA General Congress**

##### **Breeding: The key to innovative solutions**

##### **August 22 –27, 2021, Rotterdam, the Netherlands**

On behalf of EUCARPIA, Wageningen University and Plantum we are pleased to announce the 21st EUCARPIA General Congress at Conference centre De Doelen in Rotterdam, The Netherlands from 22 till 27 August 2021. The conference will be organised around several themes with key note lectures, oral presentations, poster displays and excursions (scientific and otherwise), a conference dinner as well as ‘topped of’ with a possibility to attend post conference excursions amongst others to the campus, departments and facilities of Wageningen University and Research.

The meeting will be held in Rotterdam. Where people all over the world think about windmills, wooden shoes and tulips when thinking of the Netherlands, Rotterdam characterises itself by modernity and innovation. In that surrounding, well reachable by air and public transport, we’ll organise the meeting. We are well underway to compile an interesting program. If want to register or just want to keep updated, please visit [www.Eucarpia2021.org](http://www.Eucarpia2021.org)



### Other EUCARPIA Meetings

#### 2021

##### **Section Organic and Low-input Agriculture**

On-line conference "BREEDING AND SEED SECTOR INNOVATIONS FOR ORGANIC FOOD SYSTEMS"

organized by the EUCARPIA Section Organic and Low Input Agriculture jointly with LIVESEED, ECOBREED, BRESOV and FLPP projects

8-10 March 2021

additional information at [www.eucarpialiveseedconference2021.lv](http://www.eucarpialiveseedconference2021.lv)

Registration deadline: February 28, 2021

## **Section Vegetables**

### **XIIth Eucarpia Meeting on Cucurbit Genetics and Breeding**

Almeria (Spain)

May 23 - 27, 2021

Website: <https://www.cucurbitaceae2021.com/>

## **Section Cereals**

International Symposium on Rye Breeding & Genetics

Organized by the Rye Working group of the Cereals Section of EUCARPIA

Wernigerode, Germany

20-23 June 2021

<https://meetings.ipk-gatersleben.de/eucarpia-rye-2021/>

Abstract submission deadline: 15 March 2021

End of registration: 15 March 2021

## **Section Genetic Resources**

ENSURING DIVERSITY FOR FOOD AND AGRICULTURE:

Plant genetic resources—in nature and on-farm

hosted by BPGV (Banco Português de Germoplasma Vegetal), INIAV, Portugal

Troia Peninsula, Portugal

21-24 June 2021

The next section conference will be held in association with ECPGR and the final dissemination conference of the [Farmer's Pride project](#) .

## **Section Fodder Crops and Amenity Grasses**

Exploiting genetic diversity of forages to fulfil their economical and environmental roles

Conference: September 5-9, 2021

Venue: Bavarian State Research Center for Agriculture, Freising, Germany

*Important dates:*

Registration opening: January 5, 2021

Registration deadline: March 15, 2021

Abstract submission deadline: March 15, 2021

Festulolium Working Group Workshop: September 5, 2021

Website: <https://eucarpia-forage-crops-2021-bayern.de/index.html>

## **Section Cereals**

Sixth International Conference of Cereal Biotechnology and Breeding (CBB6)

jointly organised with the EUCARPIA Cereals Section

Budapest, Hungary

November 2-5, 2021

Website: <https://akcongress.com/cbb/>

## **2022**

### **Section Potatoes**

20th Joint Meeting of EAPR Section 'Breeding & Varietal Assessment' and EUCARPIA Section 'Potatoes'

Turkey

Early 2022

### **Section Biometrics in Plant Breeding**

XVIIIth Section Meeting

Paris, France

7-9 September 2022

### **Section Maize & Sorghum**

Section Meeting planned for 2022 in Belgrade, Serbia

chaired by Dr. Violeta Andjelkovic at Maize Research Institute Zemun Polje

### **Section Vegetables**

20<sup>th</sup> EUCARPIA meeting of the Tomato Work Group planned for 2022.

Valencia, Spain

Organized by Prof. Jaime Prohens (Universitat Politecnica de Valencia) and Prof. Antonio Granell (CSIC).

### **Section Vegetables**

18th EUCARPIA Meeting on Genetics and Breeding of Capsicum and Eggplant planned for 2022

Bulgaria

## **2023**

### **Section Ornamentals**

XVII International Eucarpia Symposium Section Ornamentals - From Nature to Culture: Breeding Ornamentals for Sustainability

Location: Genoa (Italy)

Begin date: July 2, 2023 - End date: July 5, 2023

Hashtag#EucarpiaOrnam2023

### **Section Vegetables**

10<sup>th</sup> EUCARPIA meeting of Leafy Vegetables planned for 2023

The Netherlands

## FINANCIAL REPORT

### 1. Balance 2015-2019

	2015	2016	2017	2018	2019
<b>ASSETS</b>					
Bank Kto. EU100387.0 Bioexploit	44.102,48				
Bank Kto. EU100387.6 EURO current	44.162,27	33.215,28	28.649,83	27.554,10	17.098,08
Bank Kto. EU100387.7 EURO savings	93.144,92	137.182,81	270.554,23	270.554,23	268.573,05
Bank Kto. EU100387.1 EURO Ornamentals	10.542,86	10.467,72	10.394,90	10.319,57	5.741,00
Bank Kto. EU100387.2 Fodder Crops	11.604,36	9.645,40	9.572,58	9.501,68	9.427,72
Accounts Receivable			960,00	4.858,59	6.765,00
Bank Kto. EU100387.3 Congress 2016		26.565,22			
Accrued income Congress 2016		2.410,32			
Other amounts to receive			248,53	248,53	
Diversified Fund	31.274,90	32.251,90			
Bond Fund	69.750,00	71.659,80			
<b>TOTAL</b>	<b>304.581,79</b>	<b>323.398,45</b>	<b>320.040,07</b>	<b>321.262,28</b>	<b>307.604,85</b>
<b>LIABILITIES</b>					
Deferred liabilities	4.773,89				
Accrued expenses Eucarpia		3756,72			
Accrued expenses Congress 2016		467,96			
accounts Payable			1.058,15	368,86	3.703,60
Accounts to be paid			3.704,69	3.704,69	4.577,85
Other debts					649,68
Equity	312.231,67	296.018,65	290.718,22	317.131,24	317.205,91
<b>TOTAL</b>	<b>317.005,56</b>	<b>300.243,33</b>	<b>294.149,87</b>	<b>320.664,79</b>	<b>326.137,04</b>
Profit/Loss Congress		28.417,58			
<b>Net profit / loss</b>	<b>-12.423,77</b>	<b>-5.262,46</b>	<b>25890,20</b>	<b>597,49</b>	<b>-18.532,19</b>
<b>TOTAL</b>	<b>304.581,79</b>	<b>323.398,45</b>	<b>320.040,07</b>	<b>321.262,28</b>	<b>307.604,85</b>



## 2. Profit/loss 2015-2019

	2015	2016	2017	2018	2019
<b>INCOME</b>					
Membership income Gen Congres 2016	35.776,15	30.544,42	27.380,00 27.293,36	26.292,50	26.789,00
Meetings income					
Interests	9,44	10,28			
Valuation difference of securities	-143,10	2.886,80			
Project payments					
Other incomes	12.700,34				
Sections income					
<b>TOTAL</b>	<b>48.342,83</b>	<b>33.441,50</b>	<b>54.673,36</b>	<b>26.577,50</b>	<b>26.789,00</b>
<b>EXPENSE</b>					
Meetings and Workshops	30.470,82	7.500,00	7.711,41	14.000,00	13.500,00
Costs General Congress					19.763,60
Travel costs	2.903,98	471,27	4.080,25	1.178,23	
Website costs					738,05
Personal costs	25.974,88	25.178,12	13.417,62	8.272,47	8.635,34
Other costs	721,84	4.573,21	1.925,90	522,53	954,02
Bank fees	695,08	981,36	1.307,98	772,36	698,42
Negative interest bank				949,42	1.031,76
<b>TOTAL</b>	<b>60.766,60</b>	<b>38.703,96</b>	<b>28.443,16</b>	<b>25.695,01</b>	<b>45.321,19</b>
<b>Net profit / loss</b>	<b>-12.423,77</b>	<b>-5.262,46</b>	<b>26.230,20</b>	<b>1.831,91</b>	<b>-18.532,19</b>
<b>TOTAL</b>	<b>48.342,83</b>	<b>33.441,50</b>	<b>54.673,36</b>	<b>26.577,50</b>	<b>26.789,00</b>

## EUCARPIA BULLETIN 2021

The EUCARPIA Bulletin No. 47 will be issued in the end of 2021. If you would like to publish information about congresses, meetings, publications, section news or any other information relevant to other members, please send in your contribution to the Secretariat by **December 1, 2021**.

In addition, we want to update the corporate members' page on our homepage:  
<http://www.eucarpia.org/organisation/partnerships.html>.

If you are a corporate representative please provide us with some information about your business, the current corporate logo and link. We will include it in the bulletin and on our homepage to improve your visibility.