

europaean botanic gardens congress

16–20 May 2022, Budapest

botanic gardens – where people and plants meet



Detailed preliminary programme

The Organisers reserve the right to change the programme!

16 May 2022

09:00 - 10:30 Opening addresses/Plenary session

Plenary Room

László Orlóci

Director, ELTE Botanic Garden

Dr. Paul Smith

Secretary General, Botanic Gardens Conservation International, UK

10:30-11:00 Coffee break

11:00 – 13:00 Plenary session

Plenary Room

Dr. Peter Wyse-Jackson

President, Missouri Botanical Garden, USA

Prof. János Podani

Institute of Biology, Eötvös Loránd University, Hungary

Prof. Dr. Michael Kiehn

Head of the Core Facility Botanical Garden, University of Vienna, Austria
Vice-President of International Association of Botanic Gardens

13:00-14:00 Lunch break

14:00 - 16:00

BGs as custodians of biodiversity I.

Plenary Room

Life Seedforce: a new project focused on plant translocation

Costantino Bonomi

Diversity of primroses in Slovenia

Jože Bavcon, Branko Vreš, Blanka Ravnjak

On-the-ground conservation of *Boswellia* species in the Socotra Archipelago (Yemen)

Petr Maděra

Where is Europe standing concerning the GSCP Target 8? A study on wild species seed bank collections in the framework of the COST Action CA18201 “Conserve Plants

Ensslin Andreas

***Angelica archangelica*, from Viking vegetable to Nordic delicacy - on safeguarding traditional knowledge in botanic gardens**

Anneleen Kool, Irene Teixidor-Toneu

System level thinking to improve the relevance of living collections

Andrew Wyatt

14:00 - 16:00

Session Room

BGs as experience-based class-rooms I.

Models of Fabaceae-flowers as tools for understanding interactions between form and function

Daniela Hlavka, Linda Hämmerle, [Michael Kiehn](#), Peter Lampert

Podcast your garden

Stina Weststrand, Åsa Krüger

Designing educational offer for children with children - the case of the new interpretation system at the University of Warsaw Botanic Garden

Anna Albin, Magdalena Oprządek

New topics in an old garden - contemporary educational challenges at the University of Warsaw Botanic Garden

Magdalena Oprządek, Anna Albin

Science communication in botanic gardens: the European panorama

Andreia Jorge, António C. Gouveia, M. Teresa Girão da Cruz, Hannah Little, Emma Weitkamp

Phenological observations with secondary schools

David Bröderbauer, Magdalena Hauer, Barbara Knickmann, Michael Kiehn

16:00-16:30 Coffee break

16:30 - 18:00

Plenary Room

BGs as custodians of biodiversity II.

Experiences in the *ex situ* conservation of the giant plantain (*Plantago maxima* Juss. ex Jacq.) in Soroksár Botanical Garden

Zsófia Kovács, [Mária Höhn](#)

The main trends of fundamental research of russian botanical gardens

Vladimir Upelniek, Svetlana Potapova

Rare components of global, national and regional flora in collections of botanical garden of Samara University

Lyudmila Kavelenova

The AMUNATCOLL IT system – virtual collections, field application and spatial data analyses for all

Justyna Wiland-Szymańska, Jerzy Błoszyk, Marcin Lawenda, Maciej Nowak, Piotr Szkudlarz, Bogdan Jackowiak

Nature conservation in an urban environment

Bettina Hamel

Conserving natural forest steppe within the territory of the Soroksár Botanical Garden
Maria Höhn

16:30 - 18:00

Session Room

BGs as experience-based class-rooms II.

Virtual versus physical during covid-19 pandemic - reflections from the experience of the botanic garden „d. Brandza” in Bucharest

Petronela Camen-Comanescu, Maria Raicu, Eugenia Nita, Paulina Anastasiu

The main dendrological values of the Buda Arboretum, its role in higher education and environmental education

Péter Honfi, Magdolna Sütöri-Diószegei, Veronika Szabó

Family education: Why It Is relevant and in demand now

Alla Andreeva, Nadezhda Lazareva

Dissemination and awareness-raising in the National Botanic Garden

Éva Szakács, Gergely Lunk, Tímea Földi, Erzsébet Fráter, Géza Kósa, Barbara Sólyom, Vince Zsigmond

18:00 – 19:00

Poster Session I. & Exhibitors'/Sponsors' Presentations

17 May 2022

09:00 - 10:30

Plenary Room

Plenary session

Philippe Bardin

National Museum of Natural History, Paris, France
Chairman of Planta Europa

Daniel Boulens

Environment Expert, Former Head Gardener of Lyon, France

James Gagliardi

Supervisory Horticulturist
Freer/Castle/Haupt/Rose/Ripley Garden, Smithsonian Gardens, Washington DC, USA

10:30-11:00 Coffee break

11:00 - 12:00

Plenary Room

Planta Europa

Botanic gardens as places to support ESPC targets and green institutions

Erika Kónya, Péntzesné

Environment, sustainability and biodiversity in a changing world

Martin Haigh, Erika Kónya, Péntzesné, Josef Krecek

Balkan Botanic Garden of Kroussia and Zelios Gi: a case study in connection to partnership for Plant Conservation and restoration programme

Eleni Maloupa

11:00 - 12:00

Session Room

BGs public parks and urban green infrastructure

Breeding and application of Hungarian and native ornamental plants in modern green space management

Szilvia Kisvarga, Dóra Farkas, Gábor Boronkay, András Neményi, László Orlóci

Meise Botanic Garden 2.0 is ready for the future

Koen Es

Balkan Botanic Garden of Kroussia and Zelios Gi: case study in connection to partnership for Plant Conservation and restauration programme

E. Maloupa

12:00-13:00 Lunch break

13:00 – 14:20

Plenary Room

BGs and global change

Humans - invasive or keystone species? implications of spatial and historical disparities for plant conservation

Mats Havström

New challenges facing Global Change: climate variability, carbon storage and phenology of trees of Real Jardín Botánico of Madrid - CSIC (Spain)

Esteban Manrique, Andrés Ochoa, Alberto Herrero, Luis M. Bolaños, Mariano Sánchez

Phenological assessment of woody plants in the Buda Arboretum for urban afforestation

Barnabás Tóth

Preparedness in times of rapid change and extreme events – Botanic gardens and disaster management planning

Joachim Gratzfeld, Noelia Alvarez de Román

14:20-15:00

Plenary Room

BGs for food security and plant resources

Environment friendly plants use in sensitive agroecosystems

Asta Klimiene, Laura Normante

Enabling responsible exchange of plant material for conservation and research

Paul Smith

13:00 – 14:20

Session Room

BGs and the policy environment

Non-commercial use of plant genetic resources and the Nagoya Protocol of the Convention on Biological Diversity: assessment of experiences and implications in German speaking countries

Fabian Alexander Fischer, Michael Kiehn

The development of a post-2020 Global Strategy for Plant Conservation as a component of the Global Biodiversity Framework

Suzanne Sharrock, Maite Delmas, Peter Wyse Jackson

The use of IPEN-numbers in seed catalogues of botanical gardens

Iris Otterspeer, Michael Kiehn

14:20 – 15:00

BGs in their social context

Barriers in Gardens – not only steps and steep slopes

Klára Lorencová, Jarmila Skružná, Eva Novozámská

Designin the therapeutic garden

Blanka Ravnjak, Lea Šuc, Lea Gabrovšek, Jože Bavcon

15:00-15:30 Coffee break

15:30 - 17:30

Workshop

Plenary Room

Sentinel plant research in Europe

Lara Salido

15:30 - 17:30

Workshop

Session Room

Networking for Plant conservation and habitat restoration

Costantino Bonomi, Erika Kónya, Philippe Bardin, Jana Taborská

19 May 2022

08:00 - 10:00

Workshop

Plenary Room

Botanic garden visitors do not waste food!

Dominic Grantley-Smith

08:00 - 10:00

Satellite meetings

Session Room

Nordic Network

ENSCONET

10:00-10:30 Coffee break

10:30 - 12:00

BGs as custodians of biodiversity III.

Plenary Room

***In vitro* propagation, conservation and genetic fidelity evaluation in *Salacia chinensis* : An endemic threatened medicinal plant of Western Ghats of India**

Raviraja Shetty

In situ* and *ex situ* conservation of the endangered plant *Artemisia laciniata

Andrea Kodym, Frank Schumacher, Thomas Pirker, Michael Kiehn

***In vitro* culture as a method of *ex situ* conservation of valuable plant species of the Romanian**

flora a case study at Al. Borza botanic garden

Liliana Jarda

***Ex situ* conservation in National Botanic Garden, Vácrátót**

Krisztián Halász, Gergely Lunk, Erzsébet Fráter, Tibor Bárány, Géza Kósa, Vince Zsigmond

10:30 - 12:00

Session Room

BGs as eco-attractions / BGs as field for art and culture activities

Documenting, sharing, and disseminating plant collections: the experience of the Pisa Botanic Garden

Marco D'Antraccoli, Leonardo Cocchi, Pietro Picconi, Dario Besseghini, Lorenzo Peruzzi

A coastal redwood grove in the Balaton region: creating a successful phytocoenosis in unfavourable conditions

Zsuzsanna Rónay, [Réka Folly](#)

The wise trees project - support of historic and/or botanic gardens in management and familiarization of ancient trees

Zsuzsa Szendi, Vince Zsigmond

Biodiversity and Art: incorporation of nature and art projects in Vilnius University Botanical Garden activities

Aida Vida Dobkeviciute

Tallinn Botanic Garden – Embassy of the Plant Kingdom

Jaan Mettik, [Urve Sinijärv](#)

12:00-13:00 Lunch break

13:00 - 14:30

Plenary Room

BGs as custodians of biodiversity IV.

***Ex situ* conservation in the Botanical Garden of Eötvös University**

László Papp, László Orlóci

GlobalTree Portal: the first conservation database for trees

Emily Beech, Malin Rivers, Ryan Hills, Stefan Jänicke

Plant knowledge and plant application in the Budapest Zoological and Botanical Garden

Krisztina Szabó

The role of the Botanic Gardens in the restoration of declined Mediterranean forest ecosystems

Dario La Montagna, Vito Emanuele Cambria, Emile Ammann, Virginia Chiara Cuccaro, Vikram Iozzo, Giuseppe Fabrini, Fabio Attorre

13:00 - 14:30

Session Room

BGs as living treasures

Collections-exhibitions in the structure of botanical gardens: for scientific studying and aesthetics of territories

Zarema Smirnova

Not just a building – new greenhouses in the Gothenburg Botanical Garden.

Åsa Krüger, Stina Weststrand

Re-organization finalised: the new Systematic Division at the BG of the University of Vienna

Barbara Knickmann, Michael Kiehn, Michael Münch

The phylogenetic plant system garden

Erzsébet Fráter

14:30-15:00 Coffee break

15:00 - 16:45

BGs as perpetuators of cultural heritage

Plenary Room

Flore de Gand - herbaria at the crossroads of horticulture and biodiversity

Chantal Dugardin, Steven Verstockt, Isabel Rotthier

The importance of historical biodiversity data transcribed from botanical garden archives: results from the citizen science project 'Plant Letters' on Zooniverse

António C. Gouveia, Joaquim Santos, Ana Margarida Dias da Silva

Complex cultural heritage of Alexandru Borza Botanic Garden in Cluj-Napoca (Romania): from plant collections to historical artefacts

Liliana Jarda, Alexandra Şuteu, Oana Gavrilaş, Pavel Dan Turtureanu, Mihai Puşcaş

Botanical Gardens as a Part of European Cultural Heritage

Marketa Machackova, Gitana Stukeniene

Collections of ornamental plants as cultural heritage

Alexandra Baumeyer

15:00 - 16:45

Workshop - Bgs and the policy environment

Session Room

Developing a digital platform for responsible exchange of plant material and data

Paul Smith, Michael Kiehn, Anneleen Kool, Reinout Havinga

20 May 2022

08:00 – 09:00

Poster Session II. & Exhibitors'/Sponsors' Presentations

09:00 - 11:00

BGs as green laboratories

Plenary Room

Effective plant conservation: why botanists should study zoology?

Marcin Zych

Creating and using "Quality × Quantity" model to calculate aesthetic value of hip producing outdoor rose cultivars

Gábor Boronkay, Dóra Farkas, Szilvia Kisvarga, András B. Neményi, László Orlóci

The role of MATE Gödöllő Botanical Garden`s Temperate Bamboo Collection in education and research

András Neményi, Ildikó Pándi, Károly Penksza, Szilvia Kisvarga, Dóra Farkas, Gábor Boronkay,

László Orlóci

How botanic gardens and seed banks can contribute to experimental research on plant adaptation to climate change

Marko-Tapio Hyvärinen, Anniina Mattila, Maria Hällfors, Laura Pietikäinen, Annisa Satyanti, Øystein Opedal, Marita Tiiri, Mari Miranto

Diversifying science in botanical gardens, examples from Hortus Botanicus Leiden

Roderick Bouman

Evaluation of perennial flowering under stress conditions.

Noemi Péterová

09:00 - 11:00

Session Room

BGs as/and historic gardens

The orchid collection of King Dom Luis I of Portugal from 1881 is living again, as a copy

Pekka Ranta

Botanic garden “d. Brandza” – over 160 years devoted to education, research and plants conservation

Paulina Anastasiu

The place and role of arboreta and botanical gardens in the Hungarian garden heritage

Agnes Herczeg¹, Albert Dr. Fekete²

The Botanical Garden of Budapest

Eva Szikra

Heritage conservation aspects regarding botanic gardens and arboretums in Hungary

Katalin Takács, Imola Gecséné Tar, Anna Eplényi, Máté Sárospataki

11:00-11:30 Coffee break

11:30 - 12:30

Plenary Room

Workshop

Peer-to-peer learning: citizen science and community engagement at botanical gardens

Baiba Pruse, Suzanne Sharrock, Justyna Wiland-Szymanska, Monika Suskevics, Tsipe Aavik

11:30 - 12:30

Session Room

Workshop

The Future of Living Collection Management: Understanding the Impact of Your Collection Through Value Scoring

Havard Ostgaard, Samuel Brockington, Waheed Arshad, Martin Smit

12:30 - 13:00

Plenary Room

Closing plenary and ceremony

13:00-14:00 Lunch

POSTERS

BGs as custodians of biodiversity

Promising varieties of ornamental apple trees

Irina Bondorina

Vertebrate fauna of the National Botanic Garden

Tímea Földi, Éva Szakács, Gergely Lunk, Krisztián Halász, Géza Kósa

Macrofungi of National Botanic Garden Vácrátót

Krisztián Halász

Native woody plant collection in the Botanical Garden of the University of Latvia

Madara Lazdane, Signe Tomsone, Inga Apine, Inese Naburga, Uldis Kondratovics

The HBLFA for Horticulture and Austrian Federal Gardens as a synergy of living treasures, education and research infrastructure

Andreas Fellner

Protection of plant species and their genetic resources; different species - different methods. The collection of protected, rare, endangered and valuable plant species for the Podkarpacie region

Narczyz Piórecki, Alicja Kucharska, Mateusz Wolanin, Ewa Antoniewska, Mariusz Czernicki

Protection of plant species and their genetic resources; different species - different methods. The pomological collection of historic varieties of apple tree (*Malus Mill.*), pear tree (*Pyrus L.*), and cornelian cherry (*Cornus mas L.*)

Narczyz Piorecki, Elżbieta Żygała, Alicja Kucharska, Dagmara Lib

Cultivation of Diversity

Vlastik Rybka

Phenological investigation of the *Festuca* taxa in the sandy areas along the Danube

Attila Fűrész, Gergely Pápay, Ildikó Turcsányi-Járdi, Eszter S.-Falusi, Károly Penksza

Horticultural applicability of *Festuca* taxa (*Festuca wagneri*, *Festuca tomanii*)

Gergely Pápay, Éva Horváthné Baracsi, Tünde Szabó-Szöllösi, Attila Fűrész, Dániel Balogh, Antal Szőke, Antal Béla Neményi, Károly Penksza

The need to monitor the spontaneous flora of botanical gardens and arboretums to study the overall dynamics of regional floras of Ukraine

Oleksandr Shynder

Activities on *ex situ* conservation of forest genetic resources in the Botanical Garden of the University of Banja Luka

Sunčica Bodružić, Nikola Travar, Marina Antić, Jelena Davidović Gidas

From the Botanical Garden into the Wild - the Germany-wide joint-project for Wild Plant Conservation

Elke Zippel, Becker Ute, Anna Heinken-Šmídová, Okka Tschöpe, Thomas Borsch, Daniela Listl and the WIPs-De-Consortium

Collection of Woody Plants of the O.V. Fomin Botanical Garden

Vitalii Kolomiichuk, Roman Palagecha

The Ghent University Botanical Garden: towards expertise centre of *Magnolia* research for conservation

Marie-Stéphanie Samain, Kay Van Damme, Chantal Dugardin

Habitat restauration of old-fields in Körös-Maros National Park (Hungary) with *in situ* seed sowing and *ex situ* propagation and planting of loess grassland species

Anikó Németh, Orsolya Makra, Lajos Balogh-Langer, Mihály Szatmári, Enikő Tánzos, Márta Zalatnai, Judit Kapocsi

Digitalisation of the DBN herbarium at the National Botanic Gardens of Ireland

Wuu Kuang Soh

Conservation of protected plants of native flora in the M. M. Gryshko National Botanical Garden of NAS of Ukraine

Mykola Gaponenko, [Alla Gnatiuk](#)

Endangered plants in *ex situ* collection in Botanic garden of Klaipėda University

Asta Klimienė, Algirdas Švanys

Importance of genus fund plant collections of botanical gardens for regeneration of swamps ecosystems

Remigijus Daubaras, Laima Česonienė

Population size and density patterns of *Ophioglossum vulgatum* L. in the Molinia meadow of Soroksár Botanical Garden (Budapest)

Szabina Miklósi

Species-specific temporal dynamic of orchid populations in the Molinia meadow of Soroksár Botanical Garden (Budapest)

Anna Mária Csergő

BGs as eco-attractions

Effects of the pandemia in Kecskemét Arboretum (events, visitors, plant collection) by Istvánné Sipos, Mónika Vörösváczi (2022)

Mónika Vörösváczi

Sustainable social practices and traditions within an arboretum, based on eco-friendly attractions

Aleksandar Todorov

Phytoremediation displays for better understanding plant-soil interactions

Nerijus Jurkonis

BGs as experience-based class-rooms

Educational, gardening programmes for children in Eötvös Loránd University Botanical Garden

Zsuzsa Szakacs-Nagy

Revitalization and dendroflora improvement of the Botanical Garden Jevremovac

Dragana Skocajic, Dragana Cavlovic, Miroslava Zivanovic, Marija Joncic, Danijela Sparic

Educational strategies at Budapest Zoo and Botanical Garden

Ádám Serdült

"Botanist in the kitchen": Classic educational methods on digital and online platforms

Károly Penksza, Szilárd Szentes, Tünde Szabó-Szöllösi, Márk Pozsonyi, Júlia Asztalos, Antal Béla Neményi, Éva Horváthné Baracsi, Judit Bódis, Gergely Pápay

Be inspired! Interactive educational activities at Botanical Garden of Eszterházy Károly Catholic University (Hungary)

Jana Táborská, Katalin Horotán

Pandemic challenges on the educational activities provided by "Vasile Fati" Botanical Garden, Biological Research Center, Jibou

Tunde Jako, Oana Sicora, Lia Mladin, Cristina Copaci, Iulia Chis, Paul Szatmari

Experience nature first-hand or Educational activities in the Prague Botanical Garden

Eva Vítová, Eva Novozámská

Botanical gardens as a meeting point between science and education

Krasimir Kosev, [Anely Nedelcheva](#)

BGs as green laboratories

Plant adaptation experiments in the Kecskemét Arboretum in extreme conditions (of climate and soil) by Istvánné Sipos, Mónika Vörösváczi (2022)

Mónika Vörösváczi

BGs as living treasures

The National Program on Conservation and Utilization of Plant Genetic Resources

Marketa Machackova, Pavel Sekerka, Zuzana Caspers

Survey of the largest trees in the Arboretum of Szarvas

Sándor Tóth, Katalin Hanyecz, Márta Somlyai

VRBA, a database application of the Botanical garden Faculty of Science, University of Zagreb, Croatia

Alan Budisavljević

The development of living collections in the Adam Mickiewicz University Botanical Garden in Poznań

Joanna Jaskulska

Phytocoenological display of meadows and dry grassland communities of Lithuania in Vytautas Magnus University Botanical Garden

Arūnas Balsevičius, Ričardas Narijauskas

Plant Genetic Resources in Vilnius University Botanical Garden

Gitana Stukeniene

BGs as perpetuators of cultural heritage

Bryophyte Collection of Eszterházy Károly Catholic University (EGR): the digital database of Malagasy specimens

Gabriella Fintha, Andrea Sass-Gyarmati

BGs for food security and plant resources

The collection of *Actinidia kolomikta* in Botanical Garden of Vytautas Magnus University: preservation and evaluation

Laima Cesoniene, Remigijus Daubaras, Paulina Streimikyte

BGs in their social context

BUCES project: Urban biodiversity and citizen science in primary spanish schools

Silvia Villegas

An action to expand the general public's knowledge of the CITES plant species of Europe

Justyna Wiland-Szymańska, Alicja Kolasińska, Michael Kiehn, Martin Rose, Živa Fišer

BGs and public parks, urban green infrastructure

The bryophyte lora of the Eötvös Loránd University Botanical Garden in Budapest
Gabriella Fintha, Marschall Marianna, Erika Péntzesné Kónya, Andrea Sass-Gyarmati

Sustainable Gardens in Schools in Madrid, Spain
Silvia Villegas

What is a botanic garden?
Andrey Filimonov

BGs and special gardens for human mind and psyche

Botany as Therapy in Patients with Functional Diversity and a Tool for Environmental Education
Esther Giménez Luque, Manuel Sánchez Robles, José Luis Molina Pardo, Azucena Laguía Allué, Cecilia Pesci Moyano

The garden of mathematicians, Universidad de Almería (Spain). Transversality in the teaching of botany
Azucena Laguía Allué, Manuel Sánchez Robles, Jose Luis Molina Pardo, Esther Giménez Luque

BGs as field for art and culture activities

Art and culture in the National Botanic Garden
Éva Szakács, Tímea Földi, Gergely Lunk, Vince Zsigmond

The Botanical Garden of the Adam Mickiewicz University in Poznań - 20 years of artistic and cultural activities
Justyna Wiland-Szymańska¹, Alicja Kolasińska², Ewa Kazimierczak-Grygiel²

BGs as/and historic gardens

The National Garden of Athens as Historical and Botanical Heritage in Greece
Katerina Agorastou

Collections and heritage interpretation in the botanic garden of the University of Coimbra
Marcelo D.M.Vianna Filho, M.Teresa Girão da Cruz

New look at the "old" Garden - a historical reconstruction in search of modern answers
Yuri Naumtsev¹, Ulyana Spirina¹, Nina Pavlova²

The experience of the plant biological diversity preservation in the state dendrological park "Olexandria" of the NAS of Ukraine
Nataliia Boiko, Nataliia Doiko, Nina Dragan

200 years of the Hungarian National Botanic Garden
Vince Zsigmond, Tibor Bárány

Planta Europa - The EPCS as a regional response to the GSPC

Citizen science tools for distance learning of botanical cycle disciplines in the pandemic time and beyond
Mykyta Peregrym, Ingrid Turisová, Alexander Tashev, Erika Péntzesné Kónya, Nataliia Matsai, Yuliia Havryliuk