

9th PLANTA EUROPA CONFERENCE
“EUROPEAN PLANT CONSERVATION BEYOND 2021”

FIRST CIRCULAR

13-17 September 2021

Muséum national d’Histoire naturelle, Paris – France

<https://9thplantaeuropa.sciencesconf.org>



Contacts: philippe.bardin@mnhn.fr or 9thplantaeuropa@scienciasconf.org

The Muséum national d'Histoire naturelle, the Conservatoires botaniques nationaux network, the Conservatoire botanique national du Bassin parisien and PLANTA EUROPA are delighted to announce that the 9th PLANTA EUROPA Conference will be hosted from September 13th to 17th 2021, at the Muséum national d'Histoire naturelle, Paris-FRANCE.

Since the famous “Our house is burning and we’re looking the other way” heard at the fourth Earth Summit in Johannesburg (2002), there was already overwhelming evidence of the 6th mass extinction of life on Earth, and impacts of global warming have since then become undeniable. Despite evidence that the situation is related to human activities, the headlong rush continues. Every effort must be geared to ensure that we shift towards a civilization where human and nature coexist more respectfully.

Both the Global Strategy for Plant Conservation and its regional response at European level have been focusing on an integrative scheme to face the many threats on wild plants and habitats. Recognized and supported by international bodies (the Convention on Biological Diversity and the Council of Europe, amongst others), these Agendas have enabled to deliver key contributions to the implementation of the Strategic Plan for Biodiversity 2011-2020 and the Aichi Targets.

For most of the International Agendas, including their regional and national responses, 2021 is a turning-point, a year of reporting of successes and of promoting of new and ambitious goals for the conservation of wild plants and habitats.

The 2021 PLANTA EUROPA Conference aims at gathering not only botanists but also researchers, practitioners, land managers, public authorities and students to share ideas and experiences on the conservation of wild plants including algae, fungi and lichens, and habitats across Europe.

The 9th PLANTA EUROPA Conference is also the opportunity to evaluate the progresses achieved towards the implementation of the European Plant Conservation Strategy, to draft the forthcoming action plan and to take part in the post-2020 thinking at a larger scale.

We look forward to welcome you at the conference!

THEMATIC FIELDS

The scientific program will be specified in the second circular but it aims at addressing the following (but not comprehensive) list of issues related to plant, fungi and habitat knowledge and conservation.

Increase and share knowledge (Aichi 19, SDG 14/15, GSPC/EPCS 1/2/3)

Knowing our natural heritage: What has been done and what remains to do?

- Are all branches of the tree of Life fairly studied?
- Towards a comprehensive list of known plants, fungi and habitats with an assessment of their conservation status from global to local levels.



Online European flora atlas projects, online vegetation databases towards monitoring.

- How is Europe contributing to World Flora Online project?
- Are data widely available in electronic forms and included in accessible databases?

Improving the monitoring of species and habitat composition and their temporal change:

- Developing new resources and tools (drone, barcoding, artificial intelligence...).
- Going from presence-absence to abundances, going from taxonomical units to evolutionary units.
- Using phylogenetic diversity in the selection of conservation areas.



Role of Herbaria and Fungaria.

- Are Herbaria and Fungaria adequate resources and sufficiently protected?
- A key-role to understand global changes.
- A source of material for extinct species.
- Providing a resource for understanding current and past distributions and diversity.



Plant and habitat conservation in a changing world and exploitation of genetic resources (Aichi 12/13, SDG 14/15, GSPC/EPCS 4/5/6/7/8/9/10/11/12/13/14)

Setting and implementing European priorities in plant conservation, species recovery and ecological restoration.

Conservation in the field:

- *Inter-situ* and *quasi in situ*: feedbacks from concrete trials.
- Case studies of successful conservation of plant species.
- Feedbacks from ecological engineering: towards guidelines to share time-tested experiences, including the case of invasive alien species

Proposal of regional responses to complete the existing areas of interest (Important Plant Areas, Emerald network, N2000...). Experimental and explicit approaches, at European level, to the selection of priority areas for conservation.

Reshaping role and targets of seedbanking:

- Implementation for the conservation at the habitat level.
- Favouring cost- and energy-efficient facilities.
- Genetic diversity assessment of seed-banked species.

Role of Botanic Gardens and *ex situ* facilities in the conservation of wild species.

Conservation to face climate change: new paradigms:

- Assisted gene flow and assisted migration.
- Emphasizing the ecological functionalities of the ecosystem approach in conservation.
- Role and limits of the evolutionary rescue concept.

Changes in agricultural practices and their impact on wild plant species (permaculture, role of arable weeds and segetal species, stakes of the upcoming CAP...).

Benefits and issues of landscape-scale initiatives and rewilding projects on plant conservation, especially for populations of threatened species.

Greening the urban and peri-urban environment around the cities: ecosystems services, green roofs, towards more diverse green areas and parks, farming systems...

Evaluation of **effectiveness of current European instruments** in plant conservation (HD, RN2000...)

Assessing, renewing and promoting international Agendas:

- European roles in supporting worldwide plant conservation.
- Nagoya protocol and implementation.
- Updating the European Plant Conservation Strategy for the period 2021 to 2030, within a vision for European plants up to 2050.
- Linking national, regional and global initiatives.

Education (Aichi 1/18, SDG 2/3/4/5, GSPC/EPCS 13/14); **Improve capacities and enhance networking** (Aichi 2/17/20, SDG 1/5/8/9/11/13/14/15/16/17, GSPC/EPCS 15/16)

Promoting **citizen science**, involving **amateur botanists**, **mycologists** and **citizen scientists** already participating in non-plant science. **Open biomaps and databases**.

New opportunities for plant conservation and ecological awareness in **urban Europe**.

Think globally, act locally: defining role and developing tools for citizen involvement.

Plants and food security.

Sharing, networking, reconciling ecology: being stronger together than apart.

Defining more pragmatic goals for upcoming Agendas: working to define global targets scalable at local levels.

Avoid-reduce-compensate: place and role of the French mitigation doctrine in companies' business plans.

Counteracting plant blindness: local and global plant knowledge in Science and environmental education; the evolution of the teaching of plants in teaching curricula: facts and limits.

Using social media to reach new and bigger audiences for plants conservation.

Program

The Conference will offer delegates the opportunity to present their work through a panel of keynotes, oral presentations including rapid-fire presentations during plenaries, workshops and posters. In accordance with the title of the Conference *“European Plant Conservation beyond 2021”*, contributions should highlight how they contribute to implement the targets of the Global and European Plant Conservation Strategies.

Call for papers

The deadline for submission of abstracts for talks and posters is 01 June 2021 (max. 500 words). Slot-times of 15 minutes are planned, followed by 5 minutes discussion. For the submission of your abstract, please refer to the rules on the website (<https://9thplantaeuropa.sciencesconf.org>). The number of talks being limited, the selection of the talks will be done by the Scientific Committee.

Workshops

We plan to run sixteen workshops in four parallel sessions. The conclusions of the workshops will be presented in the following plenaries.



Poster sessions

Posters in a portrait format (not exceeding A0 size) are welcome. The poster sessions will be organized during lunch time at the same venue than the buffet, in a bucolic atmosphere.



Conference Draft schedule

	Monday 13/09	Tuesday 14/09	Wednesday 15/09	Thursday 16/09	Friday 17/09							
9h		RAPID FIRE POSTER PRESENTATIONS	T O U R S	RAPID FIRE POSTER PRESENTATIONS	PLENARY 9 Networking, Régional Agendas, towards a new European Plant Conservation Strategy / response to GSPC...							
10h		PLENARY 3 Facing climate changes: new paradigms		PLENARY 6 Sustainable use of plants + Invasive species + CAP								
11h		Coffee Break		Coffee Break								
12h		RAPID FIRE POSTER PRESENTATIONS		RAPID FIRE POSTER PRESENTATIONS								
13h		PLENARY 4 Rewilding: from species to habitat restoration		PLENARY 7 Beyond the walls of botanists and conservatorists								
14h		LUNCH + POSTER SESSION		LUNCH + POSTER SESSION								
14h	Opening Ceremony Official/VIP speech, PLANTA EUROPA awards...	<table border="1"> <tr> <td>WORKSHOP 1A Are all branches of the tree of Life fairly studied? Bridging the gaps of knowledge, new tools (drones, barcoding artificial intelligence). Focusing on i.e. marine plant diversity...</td> <td>WORKSHOP 1B Databases (Plant traits, translocation...)</td> <td>WORKSHOP 1C Natura2000, Emerald network, Important Plant Areas, Plant Micro-Reserves, European Diploma for Protected Areas, IUCN Green List: achievements, complementarity and links, issues</td> <td>WORKSHOP 1D Greening the cities</td> </tr> </table>	WORKSHOP 1A Are all branches of the tree of Life fairly studied? Bridging the gaps of knowledge, new tools (drones, barcoding artificial intelligence). Focusing on i.e. marine plant diversity...	WORKSHOP 1B Databases (Plant traits, translocation...)	WORKSHOP 1C Natura2000, Emerald network, Important Plant Areas, Plant Micro-Reserves, European Diploma for Protected Areas, IUCN Green List: achievements, complementarity and links, issues	WORKSHOP 1D Greening the cities	<table border="1"> <tr> <td>WORKSHOP 3A Native plants for landscaping</td> <td>WORKSHOP 3B IAS: from European regulation to local actions</td> <td>WORKSHOP 3C Farming, arable species, CAP, Crop Wild Relatives</td> <td>WORKSHOP 1D Re-defining the role of focal points: from reporting to action</td> </tr> </table>	WORKSHOP 3A Native plants for landscaping	WORKSHOP 3B IAS: from European regulation to local actions	WORKSHOP 3C Farming, arable species, CAP, Crop Wild Relatives	WORKSHOP 1D Re-defining the role of focal points: from reporting to action	
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15h	PLENARY 1 New decade, new states. Report back from high level discussions (IUCN World Congress, Bern Convention Standing Committee...), Conclusions of the 2nd European Plant Conservation Strategy, Plant Conservation Report 2020, State of nature in the EU...											
16h	Coffee Break	<table border="1"> <tr> <td>WORKSHOP 2A Role of seed banks in a changing world (favoring cost- and energy-efficient facilities, implementation for the conservation at the habitat level, Genetic diversity assessment of seed-banked species)</td> <td>WORKSHOP 2B Species restoration from case-studies to best practices, Ecological engineering</td> <td>WORKSHOP 2C In/quant/ret/ribs Assisted migration: Evolutionary rescue...</td> <td>WORKSHOP 2D Taxonomy (new challenges, role of genetic variability on species conservation plans...)</td> </tr> </table>	WORKSHOP 2A Role of seed banks in a changing world (favoring cost- and energy-efficient facilities, implementation for the conservation at the habitat level, Genetic diversity assessment of seed-banked species)	WORKSHOP 2B Species restoration from case-studies to best practices, Ecological engineering	WORKSHOP 2C In/quant/ret/ribs Assisted migration: Evolutionary rescue...	WORKSHOP 2D Taxonomy (new challenges, role of genetic variability on species conservation plans...)	<table border="1"> <tr> <td>WORKSHOP 4A Updating the European Plant Conservation Strategy for the period 2021 to 2030, within a vision for European plants up to 2050</td> <td>WORKSHOP 4B Citizen sciences, recruiting ecologists, counteracting plant invasions</td> <td>WORKSHOP 4C Labeling events throughout Europe (Plant/Race, Fascination of Plant Day...)</td> <td>WORKSHOP 4D Using social media to raise awareness</td> </tr> </table>	WORKSHOP 4A Updating the European Plant Conservation Strategy for the period 2021 to 2030, within a vision for European plants up to 2050	WORKSHOP 4B Citizen sciences, recruiting ecologists, counteracting plant invasions	WORKSHOP 4C Labeling events throughout Europe (Plant/Race, Fascination of Plant Day...)	WORKSHOP 4D Using social media to raise awareness	
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17h	RAPID FIRE POSTER PRESENTATIONS	Coffee Break	Coffee Break									
18h	PLENARY 2 Knowing our natural heritage, European flora atlas, Vegetation databases, European contribution to WFO...	PLENARY 5 WORKSHOP REPORT BACK SESSION	PLENARY 8 WORKSHOP REPORT BACK SESSION									
19h	Welcome reception 19h - 20h											
20h				Farewell Dinner 20h - 23h								

Language

The official language of the Conference will be English.

Key dates

January 2020

launch of the website and call for abstracts and posters.

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01 February 2021 – 31 March 2021

Early-Bird registration. (350 Euros)

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01 April - 14 June 2021

Regular price registration. (400 Euros)

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01 June 2021.

End of abstract and poster submission

*

15 June - 31 July 2021

Late-Bird registration. (450 Euros)

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On Site registration

(500 Euros)

Organizing Committee

Chairs: Philippe BARDIN (Conservatoire botanique national du Bassin parisien, Muséum national d'Histoire naturelle - FRANCE & PLANTA EUROPA), Maïté DELMAS (DREI, Muséum national d'Histoire naturelle, FRANCE), Serge MULLER (ISYEB, Muséum national d'Histoire naturelle, FRANCE).

Members: Frédéric ACHILLE (DGD MJZ, Muséum national d'Histoire naturelle, FRANCE), Corentin BICHON (Conservatoire botanique national du Bassin parisien, Muséum national d'Histoire naturelle, FRANCE), Sébastien FILOCHE (Conservatoire botanique national du Bassin parisien, Muséum national d'Histoire naturelle, FRANCE), Régis CRISNAIRE (Paris Botanic Gardens), Frédéric HENDOUX (Conservatoire botanique national du Bassin parisien, Muséum national d'Histoire naturelle, FRANCE), Vincent HULIN (French Ministry for the Ecological Transition, FRANCE), Arnault LALANNE (French Ministry for the Ecological Transition, FRANCE), François LENGREND (French Ministry for the Ecological Transition, FRANCE), Nirmala SEON-MASSIN (DIREX, Muséum national d'Histoire naturelle, FRANCE) & all members of the PLANTA EUROPA Steering Committee.

Contacts: philippe.bardin@mnhn.fr or 9thplantaeuropa@sciencesconf.org

Scientific Committee

Chair: Fabienne VAN ROSSUM (Meise Botanic Garden, BELGIUM).

Members: Lucas ANDRIANOS (Municipality of Platánias, GREECE), Philippe BARDIN (Conservatoire botanique national du Bassin parisien, Muséum national d'Histoire naturelle, FRANCE & PLANTA EUROPA), Bruno COLAS (AgroParisTech, FRANCE), Françoise CORBINEAU (Sorbonne Université, FRANCE), Maïté DELMAS (DREI, Muséum national d'Histoire naturelle and Jardins Botaniques de France et des Pays Francophones, FRANCE), Frédéric HENDOUX (Conservatoire botanique national du Bassin parisien, Muséum national d'Histoire naturelle and Fédération des Conservatoires Botaniques Nationaux, FRANCE), Nicola HUTCHINSON (PLANTLIFE, UK), Emilio LAGUNA (University of Valencia, SPAIN), Arnault LALANNE (French Ministry for the Ecological Transition, FRANCE), Nathalie MACHON (CESCO, Muséum national d'Histoire naturelle, FRANCE), Valéry MALECOT (TELABOTANICA, FRANCE), Eleni MALOUPA (Institut of Breeding and Plant Genetic Resources, GREECE), Juan-Carlos MORENO-SAIZ (Autonomous University of Madrid), Serge MULLER (ISYEB, Muséum national d'Histoire naturelle, FRANCE), Erika PENZESNE KONYA (Eszterházy Károly University of Applied Sciences, HUNGARY), Mykyta PEREGRYM (Eszterházy Károly University of Applied Sciences, HUNGARY), Claudia PERINI (University of Siena, ITALY), Emmanuelle PORCHER (CESCO, Muséum national d'Histoire naturelle, FRANCE), Marc-André SELOSSE (ISYEB, Muséum national d'Histoire naturelle, FRANCE), Paul SMITH (BGCI, UK), Peter WYSE JACKSON (Missouri Botanical Garden, USA) & all members of the PLANTA EUROPA Steering Committee.

Keynote and Invited Speakers

CBD Executive Secretary Elizabeth Maruma Mrema

Global Partnership for Plant Conservation Chair

Council of Europe/Bern Convention Secretary Ursula Sticker.

Parallel events

The Organizing Committee is aiming at offering delegates an exciting choice of visits and field excursions throughout the Conference week.

- **Mid-conference Tours:** a mid-conference tour will be organized on Wednesday, September 15th. It is included in the registration fees. Several tours are already planned:
 - Visit of the National Nature Reserve of the Bassée. Located at 80 km southeast of Paris, this nature reserve offers typical landscapes of the Seine river floodplain with alluvial forests and one of the largest wild grapevine (*Vitis vinifera* subsp. *sylvestris*) population in France.
 - Visit of the Greenhouses of Auteuil (one of the 4 sites of the city of Paris Botanic garden) and of the Arboretum of Versailles-Chèvreloup (MNHN).

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- PLANTRACE (botanic contest) in the Parc Floral (one of the 4 sites of the city of Paris Botanic garden) & visit of the Zoological Park of Paris (MNHN).
- **Private guided Tours:** During the week of the Conference, private guided Tours are planned daily and will offer the attendees opportunities to discover the non-public collection of zoology located in the basement of the Great Gallery of Evolution, and the newly renovated historical Herbaria which comprise around 150,000 specimens.
- Free tickets will enable the Conference attendees to visit Gardens and Galleries of the Jardin des Plantes venue (Greenhouses, Great Gallery of Evolution, Gallery of Mineralogy and Geology, Menagerie).

In addition, there are countless spots of interest in the city of Paris that will make your stay an unforgettable experience.

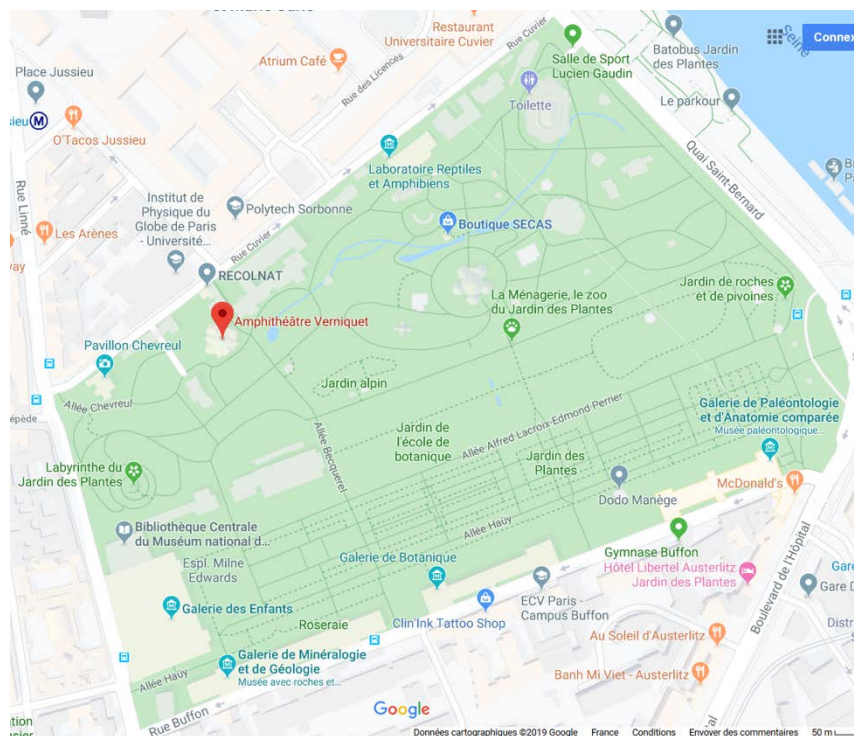
More information on Paris can be found here: <https://en.parisinfo.com/>

Date and venue

The Conference will be held at the Muséum national d'Histoire naturelle in Paris, from Monday 13 September 2021 pm to Friday 17 September 2021 am.




The address of the main venue is: *Muséum national d'Histoire naturelle, Grand Amphithéâtre Verniquet, 57 rue Cuvier, 75005 Paris – France.*



Fee

The Conference fee includes admission to the full Conference, Day Bag and materials, Welcome reception and Farewell Dinner* (*for the full Conference attendees, separately payable for partial attendees), coffee and lunch breaks, certificate of attendance, as well as Mid-Conference Tours, Muséum private guided tours and free tickets for Gardens and Galleries of the Jardin des Plantes venue.

 9th Planta Europa Conference PARIS-FRANCE	Early-Bird registration (31 March 2021)	Regular price registration (14 June 2021)	Late-Bird registration (31 July 2021)	On-Site registration
Full Participant	350€	400€	450€	550€
One day participant <i>(excl. Farewell Dinner)</i>	80€	90€	100€	120€
Two days participant <i>(excl. Farewell Dinner)</i>	160€	180€	200€	240€
Three days participant <i>(excl. Farewell Dinner)</i>	240€	270€	300€	360€
Four days participant <i>(excl. Farewell Dinner)</i>	320€	360€	400€	480€
Full Conference Accompanying person <i>(excl. scientific sessions)</i>	190€	230€	270€	310€
One day accompanying person <i>(excl. scientific sessions and Farewell Dinner)</i>	40€	50€	60€	70€
Two days accompanying person <i>(excl. scientific sessions and Farewell Dinner)</i>	80€	100€	120€	140€
Three days accompanying person <i>(excl. scientific sessions and Farewell Dinner)</i>	120€	150€	180€	210€
Four days accompanying person <i>(excl. scientific sessions and Farewell Dinner)</i>	160€	200€	240€	280€

Students: 25% off on all items.

COVID-19 Information, Registration cancellation and refund conditions

The Organizing Committee is planning to hold the Plenaries, Workshops and social events in fully accordance with universal safety precautions.

Despite the vaccination campaign that has started in most of European countries, there is still the possibility of remaining restrictions to travel abroad. The Organizing Committee has put in place a unique refund scheme that would enable the participants to organize their trip serenely. Therefore, any fees paid are fully refundable in case of cancellation due to country's governmental directives.

For other case by case cancellations, a refund scheme minus the non-refundable fees is planned:

- Until June 30th, 2021 refund 100 % except for a €60 administrative processing fee that will be retained.
- From July 1st to August 15th, 2021 refund 50 % except for a €60 administrative processing fee that will be retained.
- From August 16th, 2021, no refund will be accepted.

All cancellations have to be submitted in writing to the Organizing Committee by post at the following address:

Organizing Committee of the 9th PLANTA EUROPA Conference

PLANTA EUROPA

61 rue Buffon – CP53

75005 Paris

France

or by email at: philippe.bardin@mnhn.fr or 9thplantaeuropa@sciencesconf.org

The written request must be accompanied by a copy of the full bank details.

All reimbursements will be made at the end of the Conference, according to the exchange rate in effect on the processing date. The Conference organizers cannot be held responsible for a financial loss related to changes in the exchange rate.

Grants

The 9th PLANTA EUROPA Conference Grant program is offering to support student travel expenses up to 200€.

Travel grants are primarily for students presenting a talk or a poster.

Please visit the 9th PLANTA EUROPA Conference website to apply.

Sponsorship

Become a sponsor of the event and extend the visibility of your company, services and activities within the community of European botanists and conservationists!

Please visit the 9th PLANTA EUROPA Conference website and choose the level of sponsorship and the panel of benefits.

Contacts: philippe.bardin@mnhn.fr or 9thplantaeuropa@sciencesconf.org

Social networks

Social networks will deliver regular information on the organization of the event.

The Organizing and Scientific Committees also offer the possibility for registered participant to post news on the 9th PLANTA EUROPA social networks.

Follow us on Facebook and LinkedIn !



Additional information



There are two international airports with many facilities to reach the downtown of Paris city (Roissy Charles de Gaulle Airport and Paris-Orly Airport).



There are also international railway stations for United Kingdom, The Netherlands, Belgium, Luxemburg, Germany, Switzerland, Italy and Spain (<https://www.oui.sncf/ext/editorial/guide-voyageur/carte-destinations.pdf>).



An international bus station provides cheap connections with neighbouring countries.

A list of restaurants, hotels and other information are available on the Conference website:

<https://9thplantaeuropa.sciencesconf.org/resource/page?id=2&forward-action=page&forward-controller=resource&lang=en>