



IBC 2024

XX International Botanical Congress Madrid Spain



July, 21st - 27th, 2024

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    #IBC2024

**SEBOT**
SOCIEDAD BOTÁNICA ESPAÑOLA

**CSIC**
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS
REAL JARDÍN
BOTÁNICO



Technical Secretariat:

Fase20
congresos

C/ Narváez 15 1ºIzq
28009 Madrid - Tel. 902 430 960
www.fase20.com - info@fase20.com



Sunday 21st July

12.00 - 18.00 h. Workshops and Satellite Meetings

Spatial applications on EDGE plants.

A10.13

Descripción

Workshop: using the EDGE approach to prioritize species conservation and spatial applications.

Organizer:

Ignacio Ramos-Gutiérrez

Universidad Autónoma de Madrid; Sebastian Pippins (RBGK)

Upskilling in Wikidata for maximum impact: A practical workshop for botanists.

Colón

Descripción

This workshop is a practical, hands-on session that will focus on educating and upskilling botanists to contribute to Wikidata.

Wikidata is an open knowledge base of structured linked data, and is a sister project to Wikipedia and Wikimedia Commons. Wikidata provides stable identifiers (QIDs) for every Wikidata item representing entities such as places, people, objects, institutions, taxa, etc. In addition, it functions as a hub for other identifiers thus linking to external biodiversity data sources, facilitating the creation of open linked data in for the benefit of us all.

We will provide an opportunity for workshop attendees to learn how to edit Wikidata and create new content, assist attendees in improving their Wikidata editing and querying skills, and encourage and empower them to continue to contribute to Wikidata. We will also give attendees practical skills and tips that they can use immediately to “Wikidata-ify” the International Botanical Congress while attending conference sessions.

Specifically, workshop attendees will gain practical knowledge and skills in Wikidata in how to:

- Create a Wikidata account, username and profile
- Create and edit Wikidata items for botanists, botanical collectors, research papers, plant taxa, and more
- Add statements to Wikidata items
- Link other identifiers to Wikidata items and vice versa (round tripping)
- Add citations to statements in Wikidata
- Add photos (via Wikimedia Commons) to Wikidata items
- Install and use helpful tools and gadgets for editing Wikidata
- Query the Wikidata database using the Wikidata Query service
- Model the reuse of Wikidata items using the website Bionomia as a use case



- Wikidata-ify the IBC 2024 and future events

The workshop will be run in English, but the organisers will also be able to present content and answer questions in Spanish and German. Because Wikidata is a multilingual linked knowledge base, anyone can contribute to it in any language, which means workshop attendees can edit Wikidata during t

Organizer:

Heidi Marie Meudt

Curator Botany, Te Papa, Wellington, New Zealand

Spatiotemporal and Single-cell Multi-Omics in Plants.

N113+14

Descripción

This workshop will focus on the development and applications of single-cell and spatiotemporal omics.

Organizer:

Keke Xia

BGI Research

IAPT Council Meeting.

A10.08

Descripción

IAPT council officers convene to deliberate on various organizational matters.

Organizer:

Mauricio Bonifacino

IAPT Secretary general

Ipyrad: Robust and reproducible bioinformatics for RAD-Seq data.

A10.15

Descripción

A full day RADSeq data and analysis workshop in the RADCamp series: <https://radcamp.github.io/>

Organizer:

Isaac Overcast

California Academy of Sciences

12.00 - 17.00 h. Joint species models workshop: the HMSC package.

A10.3

Descripción

Provide modeling techniques to analyze community composition across environmental gradients.

Organizer:



Teresa Morán López

University of Oviedo

13.00 - 18.00 h. Spatial Phylogenetics Workshop.

N111+12

Descripción

Participants will learn how to contribute to PPG II via its custom database interface.

Organizer:

Joel Nitta

Chiba University, Japan

13.00 - 17.00 h. 3D Printing for Plant Science

A10.1

Descripción

Hands on training for incorporating 3D printing as part of your research workflow

Organizer:

Mason McNair

Clemson University

14.00 - 18.00 h. Using RanOmics data

Retiro

Descripción

This satellite meeting should bring together researchers interested in working with the transcriptome and genome datasets generated by the RanOmics sequencing project: comparative morphologists, comparative geneticists, those interested in the evolution of gene regulation, innovation of biochemical or morphological traits, gene family evolution, synteny

Organizer:

Annette Becker

Justus-Liebig-University Gießen, Germany, Institute of Botany

14.30 - 17.30 h. International Association of Botanic Gardens (IABG): 'Engagement of Local and Indigenous Communities in Botanic Gardens' Workshop & General Meeting

Neptuno

Descripción

Botanic gardens are multifaceted organisations, with the best of them contributing to conservation, science and culture in equal measure. The International Association of Botanic Gardens has for 70 years represented all that botanic gardens do, from saving plants through to excellence in horticulture and landscape design, as well as innovative and inspiring public programs. In this workshop, we will highlight a topic of increasing importance to botanic gardens, how to engage effectively with local and Indigenous communities. Three examples will be provided from botanic



gardens responding to this challenge, followed by a group discussion about how to best achieve successful engagement.

The workshop is open to all attendees of the IBC and will be followed by IABG General Meeting.

Organizer:

Tim Entwisle

President, International Association of Botanic Gardens

15.00 - 17.30 h. Repeatome: evolution and role of dispersed and tandemly organised repetitive DNA.

N115+16

Descripción

Short talks by early career scientists on sequencing and chromosomes; networking and discussions.

Organizer:

Trude Schwarzacher

Department of Genetics and Genome Biology, University of Leicester, UK

Monday 22nd July

13.05 - 14.30 h. Workshops and Satellite Meetings

World Flora Online: how to get involved.

N111+12

Descripción

Workshop to introduce prospective contributors and users to the World Flora Online

Organizer:

Mark Watson

Royal Botanic Garden Edinburgh, UK

19.00 - 21.00 h. Workshops and Satellite Meetings

Meeting of the OPTIMA Commission on Alien Plants.

A10.1

Descripción

It will be a workshop for discussing the projects and activities that this newly formed commission.

Organizer:

Jordi López Pujol



Institut Botànic de Barcelona (IBB), CSIC-CMCNB

Society of Herbarium Curators Meeting and Listening Session.

N113+14

Descripción

Gathering of herbarium curators and users

Organizer:

Mark Fishbein

Publishing with New Phytologist and Plants, People, Planet.

A10.08

Descripción

An interactive session focusing on all aspects of publishing

Organizer:

Sarah Lennon

New Phytologist Foundation

Cyperaceae Working Group meeting: introduction to the iSedge initiative.

A10.13

Descripción

The ISS comprises researchers from >15 countries devoted to study Cyperaceae. We will gather to discuss the future working directions of the ISS.

Organizer:

Pedro Jiménez Mejías

Universidad Pablo de Olavide, Sevilla, Spain

Plant Based Artefacts and pro Ecological Economy - Exhibition.

A10.15

Descripción

An exhibition of plant based products collected from different parts of India

Organizer:

Suchandra Dutta

Asamblea General de AEA.

A10.3

Organizer:

Rosa Pérez-Badía

University of Castilla - La Mancha.



Tuesday 23rd July

19.00 - 21.00 h. Workshops and Satellite Meetings

IAB Council Meeting.

A10.15

Descripción

Traditional meeting during IBC of the members of the IAB (International Association of Bryology)

Organizer:

Catherine Reeb

Vice-president of IAB

'Flora, Fauna, Funga': short film screening and conversation with featured guests.

Retiro

Descripción

The event is an evening social gathering to screen the 16-minute film Flora, Fauna, Funga,

Organizer:

Jill Spear

National Geographic Society

Plant Modelling Community gathering.

A10.1

Descripción

This gathering will be an informal opportunity to meet other modelers and discuss the future of modelling and publishing

Organizer:

Rachel Shekar

In silico Plants journal

Global Botanical Garden Gathering. All botanical gardens and arboretum are welcome.

N107+8

Descripción

An informal gathering of global botanical gardens with a focus on the conservation and science teams

Organizer:

Emily Coffey



Atlanta Botanical Garden

The 10,000 Plant Genomes Project: Progress and Perspective

N113+14

Descripción

The 10KP workshop offers a comprehensive exploration of one of the most ambitious initiatives in plant genomics research. With the aim of sequencing and analyzing the genomes of 10,000 plant species worldwide, the 10KP project seeks to uncover the genetic diversity, evolutionary history, and ecological significance of plants. This workshop presents the latest research in plant genomics, including algae, bryophytes, pteridophytes, gymnosperms, and angiosperms. It also provides attendees with an in-depth understanding of the project's goals, methodologies, and potential impact on various fields. Through presentations, participants will gain insights into the intricate world of plant genomics and its implications for addressing pressing global challenges such as climate change, food security, and biodiversity loss.

Organizer:

Sunil Kumar Sahu

Is fire important to plant evolution, ecology and conservation?

N105+6

Descripción

Discuss standardised fire regime metrics relevant to plant ecology and case for experimental network

Organizer:

Tom Le Breton

University of New South Wales

Wednesday 24th July

14.35 - 19.00 h. Workshops and Satellite Meetings

ERGA plants group.

N107+8

Descripción

open in-person/hybrid meeting of the European Reference Genome Atlas (ERGA) plant specialist group

Organizer:

Katja Reichel

FU Berlin

IABMS Board Meeting



A10.3

Descripción

The IABMS Board meets to formalize the selection of the venue for the 2029 IBC and to discuss plans

Organizer:

Patrick S. Herendeen

Chicago Botanic Garden

eFLOWER meeting.

A10.1

Descripción

Discussion among coordinators and main partners of the eFLOWER project to plan future stages

Organizer:

Hervé Sauquet

Botanic Gardens of Sydney

Apocynaceae – Informal meeting welcoming all persons interested in the family.

Neptuno

Descripción

A chance for Apocynaceae specialists to meet and exchange news and ideas in an informal setting

Organizer:

Mary Endress

Univ. of Zürich, Dept. Syst. and Evol. Botany; Zurich, Switzerland

WFO TEN Poaceae.

A10.13

Descripción

This will be the first meeting of expert taxonomists specialising on the family Poaceae, in order to discuss forming an international Taxonomic Expert Network. This network will jointly make decisions on the accepted names and the classification of the Poaceae within the World Flora Online data system. We will discuss the group membership, operation, work to be carried out, and principles behind decision making.

Organizer:

Maria Vorontsova

Royal Botanic Gardens, Kew, UK Dr. Cassiano A. Dorneles Welker, Universidade Federal de Uberlândia, Brazil

ICPPR Nectar Working Group Meeting.

A10.15

Descripción



The event will be an opportunity to meet and discuss for the member of the Nectar Working Group of the International Commission for Plant-Pollinator Relationships in order to find possible common research interests to develop common projects as well as to plan future activity of the group.

Organizer:

Massimo Nepi

University of Siena, Dept. Life Sciences

SEBOT.

N105+6

Descripción

Annual assembly of members of the Spanish Botanical Society

Organizers:

Juan Carlos Moreno Saiz

President of the Spanish Botanical Society (SEBOT).

Rosa Pérez-Badía

University of Castilla - La Mancha.

Meeting of the Working Team of the Spanish Catalogue of Alien Flora.

N109+10

Descripción

It will be a workshop devoted to the project for cataloguing the alien flora of Spain

Organizer:

Neus Nualart

Institut Botànic de Barcelona (IBB, CSIC)

The International Compositae Alliance (TICA) Meeting.

N111+12

Descripción

Meeting of TICA members to discuss recent advances on the understanding of Compositae

Organizer:

Mauricio Bonifacino

Universidad de la Republica (Uruguay)

Latin American Botany.

N113+14

Descripción

Focused on the advances and challenges of botany in Latin America and a space for networking.

Organizer:

Alejandro Palmarola

President, Latin American Botanical Association



PPG II Workshop.

N115+16

Descripción

Participants will learn how to contribute to PPG II via its custom database interface

Organizer:

Joel Nitta

Chiba University, Japan

GYPNET-GYPWORLD Meeting.

Colón

Descripción

Meeting to consolidate an academic community of researchers working on gypsum ecosystems worldwide.

Organizer:

Sara Palacio Blasco

Instituto Pirenaico de Ecología, CSIC

Spatial Phylogenetics Discussion Meeting

A10.08

Descripción

In this meeting, open to all, we will bring together experts and practitioners (current or future) of plant spatial phylogenetics from all over the world to share experiences, methodological insights, and novel results. The meeting will potentially include a combination of short presentations, methodological demonstrations, and open discussion. The ultimate aim is to help advance the field by promoting collaboration, methodological improvements, and integration of results at the worldwide scale. Possible future joint projects will be explored.

Organizer:

Mario Fernández-Mazuecos

Universidad Autónoma de Madrid

15.00 - 16.30 h. Genome Size Matters

Retiro

Descripción

This meeting aims to bring together the Organizers, Speakers and Chairs of two IBC symposia – ID 613/48 and 613/57 to delve into discussions on genome size-related research, focusing on its implications in macroevolution and macroecology. Our primary objective include exploring ideas for a dedicated genome size conference in 2025 and foster collaborations among researchers in this field.

Organizer:

Sreetama Bhadra



sDiv Postdoctoral Researcher | Evolution and Adaptation Group. German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig

Thursday 25th July

13.05 - 14.30 h. Workshops and Satellite Meetings

Queer Flora and Funga: An interdisciplinary conversation about queerness in science and nature.

A10.08

Descripción

This casual lunchtime conversation session is open to all, and will center on interdisciplinary ideas about queerness in science—LGBTQ+ scientists and research, terminology about sex and gender in botany, and where queer theory intersects with science and nature writing.

Organizer:

Frances Cannon

19.00 - 21.00 h. Workshops and Satellite Meetings

IAB Members Meeting.

A10.15

Descripción

traditionnal meeting during IBC of the members of the IAB (International Associatio of Bryology)

Organizer:

Catherine Reeb

Vice-president of IAB

IAWA Social Hour.

Colón

Descripción

Informal gathering of IAWA members (IAWA (co-)organises 4 IBC symposia)

Organizer:

Frederic Lens

Naturalis Biodiversity Center

Society of Ethnobiology (SdEB) meeting.

A10.13

Descripción

The Spanish society of ethnobiology wants to have its anual meeting during the event



Organizer:

Manuel Pardo de Santayana

Pride Botany.

N111+12

Descripción

This meeting is the first of its kind and aims on connecting, supporting and empowering LGBTQIA+ people in Botany from around the world.

Organizer:

Marco Octavio de Oliveira Pellegrini

Royal Botanic Gardens, Kew

Friday 26th July

13.05 - 14.30 h. Workshops and Satellite Meetings

Come to meet the Epiphyte Inventory Network (EpiG).

A10.3

Descripción

A meeting for those interested on (vascular) epiphytes, data, networking, and tropical diversity.

Organizer:

Glenda Mendieta Leiva

Philipps Marburg University

Publishing Your Work in Science Journals.

N111+12

Descripción

Advice on how to publish research in journals (see)

https://www.youtube.com/watch?v=q_FP8SrRs2U

Organizer:

Surayya Johar

Open Meeting-African Plants TCN Digitization.

A10.1

Descripción

A discussion of the project, its current status, and plans for future research

Organizer:

Patricia Barberá Sánchez



Missouri Botanical Garden

19.00 - 21.00 h. Workshops and Satellite Meetings

Annual Meeting of Jovenes por la Botanica Española (JxBE).

N107+8

Descripción

Meeting of the members from the spanish association "Jóvenes por la Botánica Española"

Organizer:

Miquel Capó