

EVENTS

BOTANICA

SHOWCASING AFRICA



SEE THE PROGRAMME FOR SATURDAY

SEE THE PROGRAMME FOR SUNDAY

All of the interviews are presented by Macha Binot and Olivier Saretta, respectively editor-in-chief and journalist of Mouvement Up.

All of the workshops are presented by Carol Tollila.

Saturday 29 May

- From 10 am to 10:45 am

- Focus on African Medicinal Plants

[Jardin Botanique Henri Gaussen de Toulouse](#)

By [Nathalie Séjalon-Delmas](#)

The humid tropical greenhouse of the Henri Gaussen Botanical Gardens in Toulouse presents a plant wall designed by Patrick Blanc, showing the terracing of the plants and their adaptations. Thematic collections are arranged against the walls of the greenhouse: bromeliads and their adaptations to epiphytism, orchids, myrmecophile plants, and so on. In the central reservation, plants used by humans are presented, whether they derive from Asia, America, or Africa. On this tour, there will be a focus on some of the African plants used for treating the symptoms of malaria.

Visit – All welcome

- Discussion with François Couplan, Ethnobotanist

What is the role of an ethnobotanist? Through the observation of wild and cultivated edible plants, [François Couplan](#) works on the human/nature connection on all continents.

All welcome

- Gardening with Entertaining Online Tools

By [Dr. Jonquille & Mr. Ail](#)

Advice, tips, and remedies for your flowers and vegetable garden are one click away, with the application Dr. Jonquille & Mr. Ail. With nearly 100 species indexed, this mobile assistant guides you step by step through each phase of cultivation.

Demonstration – All welcome

- At 10:45 am

- Grow a Tree at Home

By [Veni Verdi](#)

A peach pit, a cherry stone, an acorn, a chestnut... Or how to make a bonsai from everyday seeds.

- Succulent Cuttings

By [Veni Verdi](#)

What is a succulent? How do you take a cutting and maintain it? With a little patience, it's very simple!

Live broadcast in two parts of the workshop held on site – All welcome, from 6 years and up

Followed by:

- Let's Talk about Plants 1

By [young African scientific talents](#)

Five young scientific talents help us explore the African continent through plants. They present emblematic plants from their region and discuss the climate, research, and traditions. Exploring together.

Special thanks to: Nonvignon Kélvyn Adantchede (Benin), Ian Mutamiri (Zimbabwe), Meriem Bakri (Algeria), Masha Ahoba Buah (Ghana), Devina Lobine (Mauritius).

All welcome

At 12:15 pm



Preparing a Gari Foto

By [le chef Anto](#)

Africa is full of gourmet food. This convivial cooking workshop with chef Anto Cocagne will help you to discover one of her vegetarian specialities: Gari Foto.

Live broadcast of the workshop held on site – All welcome, from 6 years and up

• At 2:15 pm



Creation of a Herbarium of Edible Plants By [Fleurivore](#)

Create a beautiful herbarium that will pay its respects to the rich diversity and elegance of edible plants! A workshop to discover the secrets of plants and drying techniques.

Live broadcast of the workshop held on site – All welcome, from 5 years and up

• At 3:05 pm



Curious Exploration of the *Argonaut*

By [Design Aqlaé](#)

An offbeat visit of the *Argonaut*, like in a science-fiction film: the underwater world as you've never seen it before!

Visit – All welcome

Followed by:

- Let's Talk about Plants 2

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All welcome

- **At 3:30 pm**

Recipes for Natural Plant-Based Paints

By [Paysan des Couleurs](#)

This production workshop of 100% natural paint based on egg yolks and plant pigments will take you on a little journey to the source of plant colours.

Live broadcast of the workshop held on site – All welcome, from 10 years and up

- **At 4:20 pm**

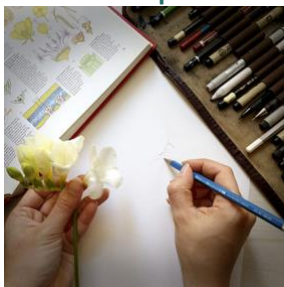
Talk

By *Doctor Oumarou Zangou (University of Zinder in Niger)*

Presentation of the agricultural project on the biodiversity of the date palm tree in the Sahel.

All welcome

- **At 5 pm**



Initiation in Scientific Illustration

By [Julie Borgese](#)

‘A good sketch is better than a long speech’: come and discover in this workshop why a drawing is a wonderful tool for understanding the sciences and how a botanical plate is made.

Live broadcast of the workshop held on site – All welcome, from 9 years and up

- **From 5:30 to 6:30 pm**

- The African Seeds Collection at the Toulouse Muséum

By *Boris Presseq*

A seed library is a collection of dried fruits and seeds, conserved in flasks, jars, and sachets, used for research and also sometimes exhibited to the public. Created in the nineteenth century, [that of the Muséum d’Histoire naturelle de Toulouse](#) contains specimens from all over France and Africa.

Talk - All welcome

- For Women and Science

Francine Tankeu, Jill Farrant, and Celia Matyanga are all laureates of the [L’Oréal-UNESCO For Women in Science Awards](#). Their work pertains to African plants and their incredible potential.

Guided by these three researchers, we will explore the African plant world and highlight its extraordinary diversity, the hopes it represents, and the dangers that unfortunately threaten this treasure trove of biodiversity.

Round-table talk - All welcome

- Medical Treatment in Past and Present Africa

Discussion with François Chassagne, head of research at the [IRD](#)

In Africa, almost 60% of the population uses traditional medicine to treat various pathologies.

These pathologies include malaria, a disease that still has a strong presence on the continent and is potentially lethal. Traditional African medicine is primarily based on the use of herbal remedies and it is necessary to scientifically confirm its efficacy in order to limit the risks for patients. This

presentation will introduce us to several medicinal African plants used in the treatment of malaria and the scientific evidence validating their use. We will also discuss modern medicines derived from traditional African pharmacopoeia.

All welcome

Sunday 30 May

- **From 10 to 10:50 am**

- **Jardin des Serres d'Auteuil**

By [Bertrand Courtois](#)

After a short introduction to the history of the [Jardin des Serres](#), we will cross the African continent to explore the flora of Madagascar and the Great Rift, concluding with the plants of the tropical-equatorial forests. We will focus on the plants that are representative of these three regions. This programme is part of the 'World Tour in 80 Plants', presenting the flora of South America, Australia, Southeast Asia, and African plants.

All welcome

- **Discussion with Marc Jeanson, Botanist**

Marc Jeanson is a botanist and plant collector. But what exactly is this profession? He tells us about his experience in Morocco, particularly at the Majorelle Garden in Marrakesh.

All welcome

- **Pl@ntNet (Application for Participatory Sciences)**

By the [CIRAD](#)



For over a decade now, France has been home to a world-leading platform to monitor plant biodiversity, based on the association of automatised and participatory approaches of image analysis. Pl@ntNet is one of the five largest data providers contributing to the Global Biodiversity Information Facility (GBIF). The data collected is now an important source of plant occurrences, sustaining research on biology and ecology undertaken on a very large scale.

All welcome

- **Botanical Greenhouses at the Versailles-Chèvreloup Arboretum ([Museum national d'Histoire naturelle](#))**

By [Jean-Michel Doremus](#)

Africa, the world, and plants. Grains of paradise (*Aframomum melegueta*) spread from Africa very quickly throughout Europe, cola (*Cola acuminata*) remained a structural element of West African societies, and cocoa (*Theobroma cacao*) was Africanised to conquer the world.

All welcome

- **At 10:50 am**

- **Creation of a 'Wild Herbarium' on Cloth**

By [Paysan des couleurs](#)

A practical workshop of plant prints obtained by hammering on cotton, followed by a series of washes to reveal and fix the plant imprints. Combining creative discovery and experimentation.

Live broadcast of the workshop held on site – All welcome, from 6 years and up

Followed by:

- Let's Talk about Plants 3

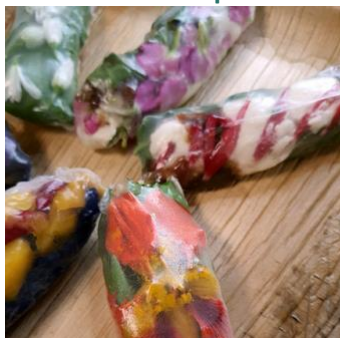
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All welcome

- **At 12:15 pm**



Floral Spring Roll Recipe and Hibiscus Flower Fizz

Par [Fleurivore](#)

A floral cuisine workshop to celebrate spring! Create your own spring rolls with a camphorated flavour using pansies, accompanied by a *hibiscus sabdariffa* juice, a flower with intense, sparkling flavours.

Live broadcast of the workshop held on site – All welcome, from 8 years and up

- **At 2:15 pm**



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- **At 3:05 pm**

- Curious Exploration of the Argonaut

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Visit – All welcome

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- Let's Talk about Plants 4 [By young African scientific talents](#)

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All welcome

- **At 3:30 pm**

Biomimicry and Bioluminescence

By [Design Aqlaé](#)

Biomimicry is a revolutionary scientific approach that consists of imitating the laws of nature to innovate and devise new materials or to rethink our everyday objects. It is this principle and more specifically bioluminescence – the surprising phenomenon that enables living creatures to emit light – that have inspired Aqlaé's concept of plant luminescence.

Live broadcast of the demonstration held on site – All welcome

- **At 4:20 pm**

- Discussion with Jean-Marc Kouman

Presentation of the project of restoration of the Haut-Sassandra forest (Côte d'Ivoire) after its agricultural activities were abandoned.

All welcome

Followed by:

- Let's Talk about Plants 5

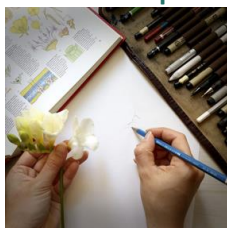
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All welcome

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Live broadcast of the workshop held on site – All welcome, from 9 years and up

- From 5:30 to 6:10 pm

- How to Improve Local Flower Populations

Discussion with Elodie Seguin from [the Pariciflore association](#)



Pariciflore hopes to contribute to maintaining local biodiversity by showcasing wild flora and developing the production of wild species of plants and seeds. The goal is to supply wild plants from the greater Paris region, which are therefore locally adapted, so as to restore natural milieus and sustainable flowering. You can help your gardens and balconies to bloom with wild flora from Île-de-France, a little-known local resource... Growing wildflowers will also help you contribute to preserving nature!

All welcome

- Maintenance-Free Plants: A Utopia?

Demonstration by [In Planta](#)

In Planta presents to the general public plants that flourish in Plantaphores® with varying designs and in hermetic worlds that do not require any upkeep for several months. To achieve this, *In Planta* appropriates and adapts the biotechnology of plant vitro-culture in its own way, recreating a miniature ecosystem of plants capable of developing by itself, without the need for any external contribution for periods of several months, in complete autonomy.

All welcome

- Visit of the [Jardin Botanique de Lyon](#)

By Gilles Deparis et David Scherberich

An exceptional discovery of emblematic plants from the African plant collections. *Nymphaea thermarum*, the smallest water lily in the world, described in 1988 in Rwanda and already extinct in the wild; *Dorstenia barteri*, *D. christenhuszii*, and *D. psilurus*, *Uncarina grandidieri* from Madagascar; *Cycas thouarsii*, a begonia from Madagascar; and the European reference collection of *Kalanchoe*.

All welcome