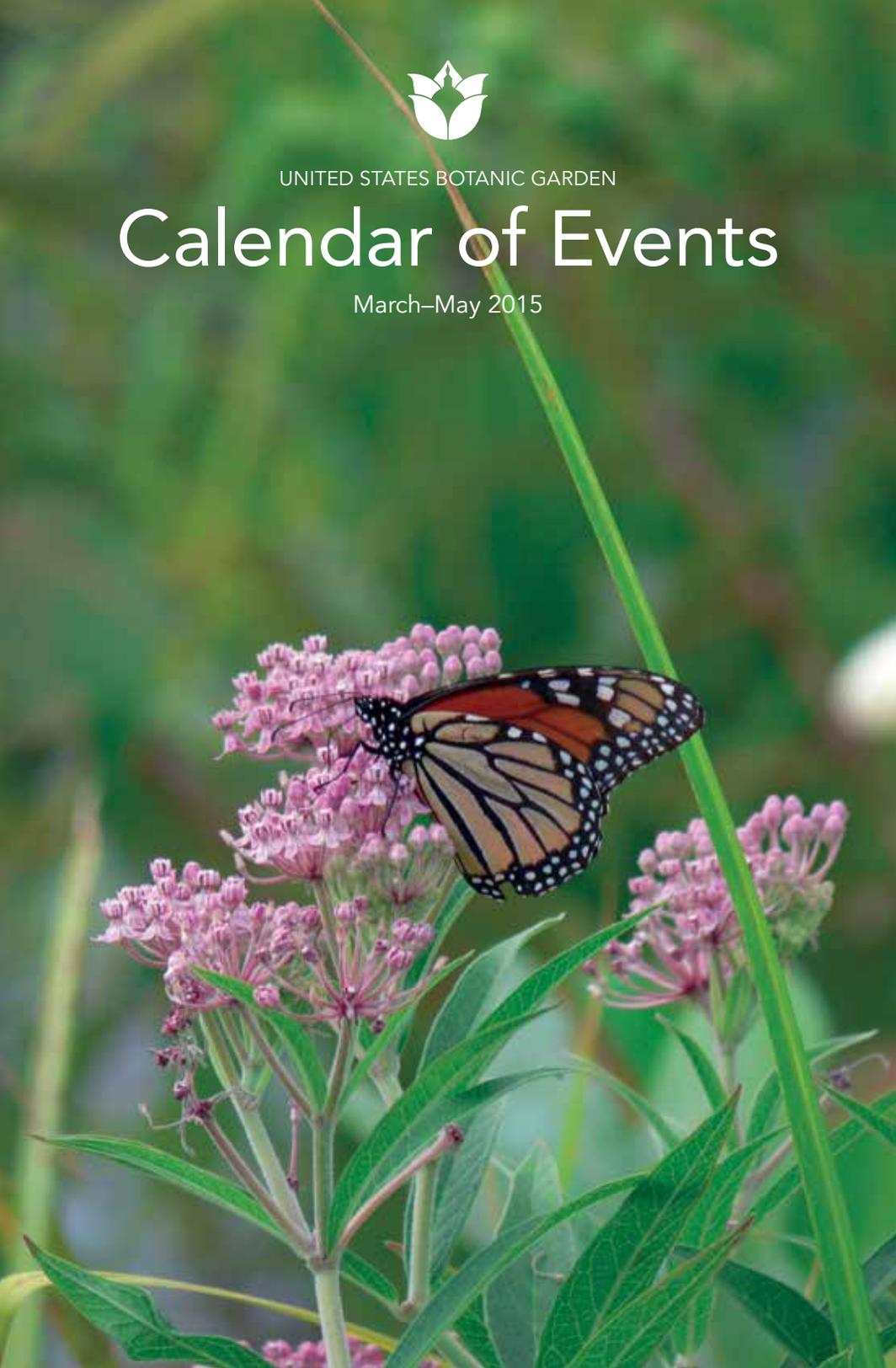




UNITED STATES BOTANIC GARDEN

Calendar of Events

March–May 2015



The United States Botanic Garden

The United States Botanic Garden (USBG) is a living plant museum. It is open daily from 10 a.m. to 5 p.m., free of charge. Exhibits interpret the role of plants in supporting earth's diverse and fragile ecosystems and in enriching human life. Established by Congress in 1820, the U.S. Botanic Garden is one of the oldest botanic gardens in North America. The Garden has been administered through the Architect of the Capitol since 1934. It is recognized as a museum and accredited by the American Alliance of Museums.

The U.S. Botanic Garden Conservatory is located on the National Mall at the intersection of Maryland Avenue and First Street SW, adjacent to the U.S. Capitol. The address is 100 Maryland Avenue SW, Washington, DC 20001.

The Conservatory houses permanent collections of plants from subtropical, tropical and arid regions and showcases orchids, medicinal, economic, endangered and Jurassic plants. From late May to mid-October, the Conservatory terrace features thematic displays.

The National Garden is adjacent to the Conservatory. It features a Mid-Atlantic native plant garden, Rose Garden, First Ladies Water Garden, Butterfly Garden and Amphitheater.

Bartholdi Park is across Independence Avenue from the Conservatory. Here visitors will find a tapestry of theme gardens surrounding the historic Bartholdi Fountain. The gardens suggest interesting plants and designs at a scale suitable for the home landscape.

Parking is not available at the U.S. Botanic Garden on weekdays. It is accessible by public transportation. The Federal Center SW Station on the Orange and Blue Lines of Metrorail is at Third and D Streets SW, four blocks from the USBG. Metrobuses 32, 34 and 36 stop at Independence Avenue and First Street SW, between the Conservatory and Bartholdi Park.

Free 45-minute highlight tours of the U.S. Botanic Garden Conservatory may be available on the day of your visit. Please check at the Visitor Information Desk upon your arrival. To arrange a group tour, which requires a four-week advance reservation, please call (202) 225-1116. Groups of 10 to 25 adults may reserve a free 45-minute guided tour of the Conservatory Monday through Friday.

The USBG strives to make its facilities and programming accessible to all visitors to ensure a successful museum visit. Wheelchairs, Visitor Guides in braille and large print formats, sign language interpretation and hearing-aid compatible assistive listening devices for tours are all available upon request.

Visit our website at www.usbg.gov

For More Information

General Information & Accessibility at the USBG: 202-226-8333

Register for Programs: 202-225-1116

Request Tours: 202-226-2055

Plant Hotline: 202-226-4785

Volunteer Opportunities: 202-226-1047

At a Glance

Programs are listed by starting date.

Starting Date	Time	Title	Page
March			
2	12:00 p.m.	Lunchtime Tour of the Conservatory	11
3	10:30 a.m.	Children's Program: Seedlings	11
3	2:00 p.m.	Tour: An Afternoon in the Garden	12
4	10:30 a.m.	Children's Program: Sprouts	12
4	12:00 p.m.	Lunchtime Tour of the Conservatory	12
5	10:30 a.m.	Parent & Child Program: Snugglers	11
6	12:00 p.m.	Lunchtime Tour of the Conservatory	11
7	10:00 a.m.	Open House: U.S. Botanic Garden Production Facility	13
8	2:00 p.m.	Lecture: The Hidden Treasures of Rock Creek Park	14
9	12:00 p.m.	Lunchtime Tour of the Conservatory	11
10	2:00 p.m.	Tour: An Afternoon in the Garden	12
11	12:00 p.m.	Lunchtime Tour of the Conservatory	11
12	10:30 a.m.	Parent & Child Program: Snugglers	12
12	12:00 p.m.	Cooking Demonstration: Unearthed – Spring Roots	14
12	6:00 p.m.	Special Event: À Votre Santé (A Drink to Your Health)	14
13	12:00 p.m.	Lunchtime Tour of the Conservatory	11
14	10:00 a.m.	Youth Workshop: Fun with Flowers and Photography	15
14	2:00 p.m.	Youth Workshop: Fun with Flowers and Photography	15
16	12:00 p.m.	Lunchtime Tour of the Conservatory	11
17	12:00 p.m.	Tour: Medicinal and Poison Plants at the USBG	15
17	2:00 p.m.	Tour: An Afternoon in the Garden	12
18	12:00 p.m.	Lunchtime Tour of the Conservatory	11
19	10:30 a.m.	Parent & Child Program: Snugglers	12
20	12:00 p.m.	Lunchtime Tour of the Conservatory	11
20	12:00 p.m.	Lecture: The Digs on Dirt	16
22	10:00 a.m.	Children's Program: Kites and Pollinators Head for the Sky	16
23	12:00 p.m.	Lunchtime Tour of the Conservatory	11
24	2:00 p.m.	Tour: An Afternoon in the Garden	12
25	12:00 p.m.	Lunchtime Tour of the Conservatory	11
26	10:30 a.m.	Parent & Child Program: Snugglers	12
26	12:00 p.m.	Cooking Demonstration: Celebrating Spring	16

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Starting Date	Time	Title	Page
27	12:00 p.m.	Lunchtime Tour of the Conservatory	11
27	12:00 p.m.	Special Event: Chocolate – Health Benefits, Botany and Tasting	17
27	7:00 p.m.	Lecture: The Passionate Fact – Storytelling Science	17
28	8:00 a.m.	Photography Workshop: Focus on Flowers	18
30	12:00 p.m.	Lunchtime Tour of the Conservatory	11
31	2:00 p.m.	Tour: An Afternoon in the Garden	12
April			
1	10:30 a.m.	Children’s Program: Sprouts	18
1	12:00 p.m.	Lunchtime Tour of the Conservatory	19
2	10:30 a.m.	Parent & Child Program: Snugglers	19
3	12:00 p.m.	Lunchtime Tour of the Conservatory	19
3	12:00 p.m.	Lecture: Tree Roots – Problems and Solutions	20
6	12:00 p.m.	Lunchtime Tour of the Conservatory	19
7	10:30 a.m.	Children’s Program: Seedlings	20
7	2:00 p.m.	Tour: An Afternoon in the Garden	20
8	12:00 p.m.	Lunchtime Tour of the Conservatory	19
9	10:30 a.m.	Parent & Child Program: Snugglers	19
9	12:00 p.m.	Cooking Demonstration: Colors of Spring	21
9	6:00 p.m.	Lecture: Human Dispersal of the African Baobab	21
10	12:00 p.m.	Lunchtime Tour of the Conservatory	19
10	12:00 p.m.	Lecture: Plants with Benefits	22
11	1:30 p.m.	Children’s Program: The Art and Science of Cherry Blossoms	22
12	1:30 p.m.	Children’s Program: The Art and Science of Cherry Blossoms	22
13	12:00 p.m.	Lunchtime Tour of the Conservatory	19
13	12:00 p.m.	Lecture: Do You Speak Arborist?	22
14	12:00 p.m.	Tour: Medicinal and Poison Plants at the USBG	23
14	2:00 p.m.	Tour: An Afternoon in the Garden	20
15	12:00 p.m.	Lunchtime Tour of the Conservatory	19
16	10:30 a.m.	Parent & Child Program: Snugglers	19
16	4:30 p.m.	Teacher Training: How Plants Work	23
17	12:00 p.m.	Lunchtime Tour of the Conservatory	19
17	12:00 p.m.	Lecture: Mushrooms in the Edible Landscape	23
18	10:30 a.m.	Lecture: Life without Roots	24
18	2:00 p.m.	Lecture: The Right-Sized Flower Garden	24

Starting Date	Time	Title	Page
19	2:00 p.m.	Lecture: Our Future with Bees	25
20	12:00 p.m.	Lunchtime Tour of the Conservatory	19
20	12:00 p.m.	Lecture: Trees that Work	25
21	2:00 p.m.	Tour: An Afternoon in the Garden	20
22	12:00 p.m.	Lunchtime Tour of the Conservatory	19
23	10:30 a.m.	Parent & Child Program: Snugglers	19
23	12:00 p.m.	Cooking Demonstration: Colors of Spring	21
24	10:00 a.m.	Open House: Celebrate Earth Day!	26
24	12:00 p.m.	Lunchtime Tour of the Conservatory	19
25	9:00 a.m.	Art Workshop: Drawing Cacti and Succulents	26
27	12:00 p.m.	Lunchtime Tour of the Conservatory	19
28	2:00 p.m.	Tour: An Afternoon in the Garden	20
29	12:00 p.m.	Lunchtime Tour of the Conservatory	19
29	2:00 p.m.	Tour: The Art & History of the USBG	26
30	10:30 a.m.	Parent & Child Program: Snugglers	19
May			
1	12:00 p.m.	Lunchtime Tour of the Conservatory	27
1	12:00 p.m.	Lecture: The Oldest Living Things in the World	27
2	9:00 a.m.	Art Workshop: Drawing Orchids	28
2	10:00 a.m.	Spring Tree Tour of the Capitol Grounds	28
4	12:00 p.m.	Lunchtime Tour of the Conservatory	27
5	10:30 a.m.	Children's Program: Seedlings	29
5	12:00 p.m.	Tour: Medicinal and Poison Plants at the USBG	29
5	2:00 p.m.	Tour: An Afternoon in the Garden	29
6	10:30 a.m.	Children's Program: Sprouts	30
6	12:00 p.m.	Lunchtime Tour of the Conservatory	27
7	12:00 p.m.	Cooking Demonstration: Herb Celebration	30
8	10:30 a.m.	Tour: Celebrating Public Gardens!	31
8	12:00 p.m.	Lunchtime Tour of the Conservatory	27
8	12:00 p.m.	Lecture: Emily Dickinson's Gardens	30
9	10:30 a.m.	Lecture: The Fascinating World of Carnivorous Plants	31
9	2:00 p.m.	Lecture: The Right Water	32
10	2:00 p.m.	Children's Program: Celebrate Mother's Day at the USBG!	32
11	12:00 p.m.	Lunchtime Tour of the Conservatory	27
12	2:00 p.m.	Tour: An Afternoon in the Garden	29
13	12:00 p.m.	Lunchtime Tour of the Conservatory	27

Starting Date	Time	Title	Page
13	2:00 p.m.	Tour: The Art & History of the USBG	33
15	12:00 p.m.	Lunchtime Tour of the Conservatory	27
16	10:00 a.m.	Festival: Saving and Savoring	33
17	2:00 p.m.	Lecture: Plants of the New Jersey Pine Barrens	33
18	12:00 p.m.	Lunchtime Tour of the Conservatory	27
19	2:00 p.m.	Tour: An Afternoon in the Garden	29
20	12:00 p.m.	Lunchtime Tour of the Conservatory	27
22	12:00 p.m.	Lunchtime Tour of the Conservatory	27
22	12:00 p.m.	Lecture: Rooting Out or Rooting For Weeds	34
26	2:00 p.m.	Tour: An Afternoon in the Garden	29
27	12:00 p.m.	Lunchtime Tour of the Conservatory	27
28	12:00 p.m.	Cooking Demonstration: Herb Celebration	30
29	12:00 p.m.	Lunchtime Tour of the Conservatory	27
29	12:00 p.m.	Lecture: The History and Origins of Vanilla Orchids	34
Early June			
5	10:30 a.m.	Special Event: Buried Treasure – Foods and Medicines in the Dirt	36
6	10:00 a.m.	Demonstration: Lei-Making for Kamehameha Day	36
6	10:30 a.m.	Lecture: Hawaii – A Botanical Paradise in the Middle of the Sea	37
12	12:00 p.m.	Lecture: A Year in Rock Creek Park	37



U.S. Botanic Garden



Amphitheater



Butterfly Garden



First Ladies Water Garden



Lawn Terrace



Regional Garden



Rose Garden



Rain Garden

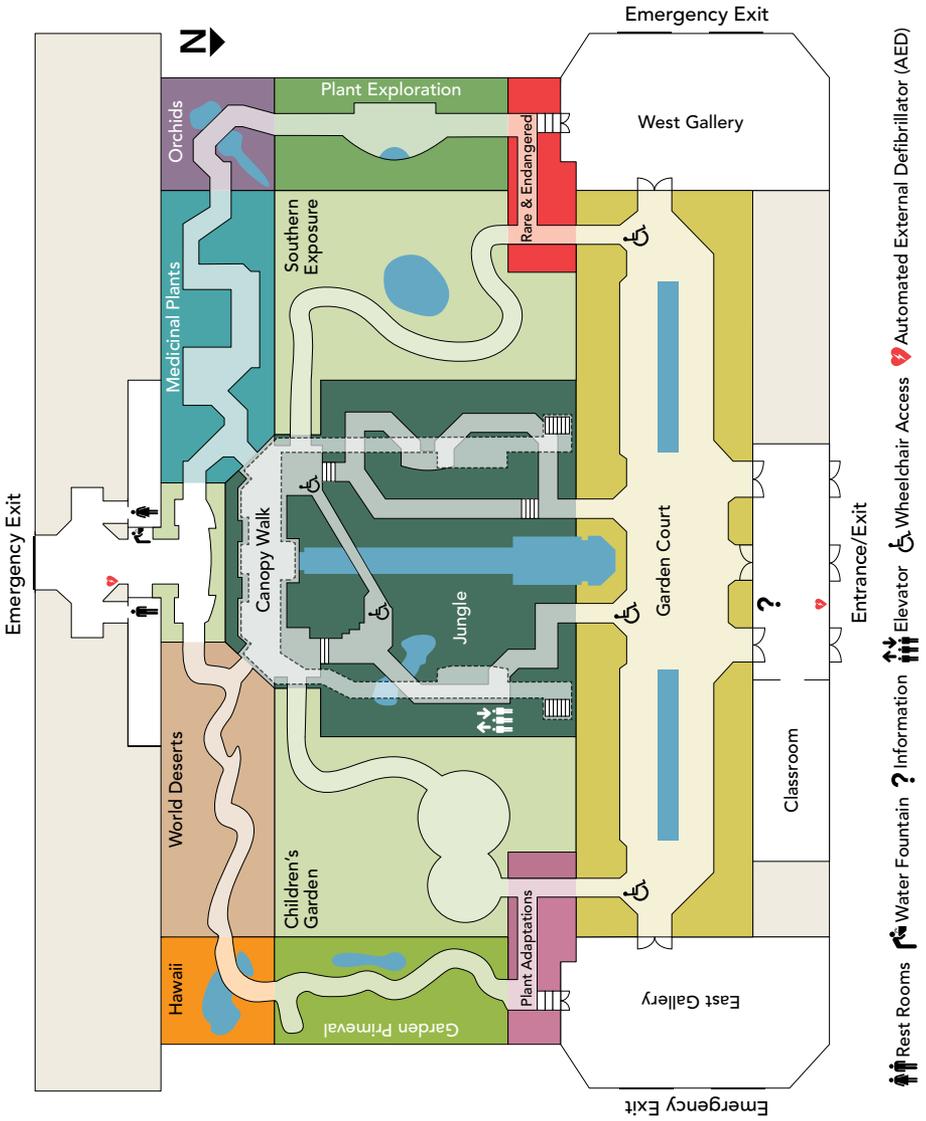


Terrace Gardens



Bartholdi Fountain





Exhibits

EXPOSED: THE SECRET LIFE OF ROOTS

Conservatory East Gallery
Through October 13

Plant roots are vital components of the earth's ecosystem. They are necessary for all plant growth, including the production of food and nutrients for humans and all terrestrial organisms. However, roots often remain obscured due to an inattention to the subterranean. *Exposed: The Secret Life of Roots* uses the work of agricultural ecologist Dr. Jerry Glover, sculptor Steve Tobin and photographer Jim Richardson to showcase the presence and importance of roots through visually stunning representations of living, dried and reproduced root systems.

ORCHIDS: INTERLOCKING SCIENCE AND BEAUTY

National Museum of Natural History
Through April 26

Orchids: Interlocking Science and Beauty displays hundreds of blooming orchids and explores the crossroads where orchid botany, horticulture and technology connect. Featuring orchids from the permanent collections of the Smithsonian Gardens and the U.S. Botanic Garden, this stunning exhibit looks at how new ideas, technologies, and inventions change the way we study, protect and enjoy orchids.



Photo by Jim Richardson

Programs

Programs are listed by start date.

Tour

LUNCHTIME TOUR OF THE CONSERVATORY

USBG Volunteers

What do manila folders, Chanel No. 5, vanilla and fossil fuels have in common? They all come from plants on permanent display in the USBG Conservatory. Take a tour with a knowledgeable guide who will connect the exotic plant world to everyday life. You might see bananas, cacao and coffee ripening on the tree or learn about the next big breakthrough in medicinal plant research.

Dates: Mondays, March 2, 9, 16, 23, 30

Time: 12 p.m. to 1 p.m.

Location: Tour meets in the Conservatory Garden Court

FREE: No pre-registration required

Dates: Wednesdays, March 4, 11, 18, 25

Time: 12 p.m. to 1 p.m.

Location: Tour meets in the Conservatory Garden Court

FREE: No pre-registration required

Dates: Fridays, March 6, 13, 20, 27

Time: 12 p.m. to 1 p.m.

Location: Tour meets in the Conservatory Garden Court

FREE: No pre-registration required



Children's Program

SEEDLINGS

Lee Coykendall, USBG Children's Education Specialist

Come learn just how amazing plants really are during our Seedlings class (ages 6-10). Each week will be a mix of hands-on investigations, planting projects and science-based activities. **Please note:** Students must be at least 6 years of age and accompanied by an adult. Seedlings is designed for a more advanced level of plant science education. For the benefit of all participants, we request that only children ages 6 and up attend and share in class activities.

Dates: Tuesdays, March 3, 10, 17, 24

Time: 10:30 a.m. to 12 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required:

Visit www.usbg.gov*

***Please note:** Registration opens on Wednesday, February 4 at 10 a.m.



Tour

AN AFTERNOON IN THE GARDEN

USBG Volunteers

What do manila folders, Chanel No. 5, vanilla and fossil fuels have in common? They all come from plants on permanent display in the USBG Conservatory. Take a tour with a knowledgeable guide who will connect the exotic plant world to everyday life. You might see bananas, cacao and coffee ripening on the tree or learn about the next big breakthrough in medicinal plant research.

Dates: Tuesdays, March 3, 10, 17, 24, 31

Time: 2 p.m. to 3 p.m.

Location: Tour meets in the Conservatory Garden Court

FREE: No pre-registration required

Children's Program

SPROUTS

Lee Coykendall, USBG Children's Education Specialist

Bring your preschooler (ages 3-5) to the U.S. Botanic Garden for plant-related fun. Each Wednesday session will have varied activities that may include a story, art activity or walk in the garden. **Please note:** Children must be accompanied by an adult. Participating children must be at least 3 years of age.

Dates: Wednesdays, March 4, 11, 18, 25

Time: 10:30 a.m. to 11:30 a.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov*

***Please note:** Registration

opens on Wednesday, February 4 at 10 a.m.



Parent & Child Program

SNUGLERS

USBG Volunteer

Do you have a tiny treasure in a snugly? Looking for ways to get out of the house, and learn? Join us each Thursday for a 45-minute guided tour of the Conservatory. Each week will be a different exploration. This program is designed for parents and care providers who have a tiny one in a snugly. **Please note:** Due to our narrow paths and the nature of this program, we cannot support strollers or older siblings.

Date (choose any or all of the following): Thursday, March 5, 12, 19, 26

Time: 10:30 a.m. to 11:30 a.m.

Location: Conservatory Garden Court

FREE: Pre-registration required: Visit www.usbg.gov



Special Event

U.S. BOTANIC GARDEN PRODUCTION FACILITY OPEN HOUSE

USBG Staff and Volunteers

****Not to be Missed!**** Only once each year do we invite the public to see our growing facility, the largest greenhouse complex supporting a public garden in the United States. The site, completed in 1994, includes 85,000 square feet under glass, divided into 34 greenhouse bays and 16 environmental zones. In addition to foliage and nursery crops, you'll see all of the USBG collection not currently on display, including orchids, medicinal plants, carnivorous plants and rare and endangered species. Register for one of the open house times to get a brief orientation to the facility, meet the gardeners, ask questions and wander through this working wonderland of plants. **Please note:** Limit 50 people per entry time. Light snacks and beverages will be provided. No registrations will be taken at the door. The Open House ends at 2:30 p.m.

Date: Saturday, March 7

Entry Times: 10 a.m., 10:30 a.m., 11 a.m., 11:30 a.m., 12:30 p.m., 1 p.m., 1:30 p.m.

Location: USBG Production Facility (directions can be found with the online listing)

Friends: \$5

Non-members: \$10

Pre-registration required: Visit www.usbg.gov



Lecture

THE HIDDEN TREASURES OF ROCK CREEK PARK

Karen Zeiter, Volunteer Coordinator, Rock Creek Conservancy

Join Karen Zeiter of the Rock Creek Conservancy and venture through the hidden treasures of Rock Creek. Discuss iconic landmarks, historic buildings and structures, and watershed features. Learn about current events and issues taking place in Rock Creek, and discover what the Conservancy is doing about them and how to get involved.

Date: Sunday, March 8

Time: 2 p.m. to 3 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov



Cooking Demonstration

UNEARTHED: SPRING ROOTS

Adrienne Cook, Gardening and Cooking Writer and Danielle Cook, MS, Nutritionist and Cooking Instructor

Root vegetables are plentiful this time of year. New ways to prepare turnips and fake-out roots like potatoes. **Please note:** This program will be offered at 12 p.m. and repeated at 12:45 p.m.

Date: Thursday, March 12

Time: 12 p.m. to 1:30 p.m.

Location: Conservatory Garden Court

FREE: No pre-registration required



Special Event

À VOTRE SANTÉ (A DRINK TO YOUR HEALTH): A TASTING JOURNEY THROUGH THE HISTORY OF BOTANICAL SPIRITS

Dwight Grimm, Vermouthier & founder of The Little Alchemist Farm, Preston Hollow, NY

The practice of imbibing botanical beverages for medicinal and recreational purposes is as ancient and storied as human history itself. Join us for a tasting journey that follows the path of several of the most revered and misunderstood drinking botanicals from antiquity to the present day, including varietals of wormwood and cinchona bark. We will also take a peek at the efforts of contemporary 'cocktail archeologists' to revive and re-create botanical formulas of forgotten beverages. Small bites will be served to accompany the tasting journey.

Date: Thursday, March 12

Time: 6 p.m. to 8 p.m.

Location: Conservatory Garden Court

Friends: \$15

Non-members: \$20

Pre-registration required: Visit www.usbg.gov



Youth Workshop

FUN WITH FLOWERS AND PHOTOGRAPHY

*Kevin Blackburn, MFA, Photographer,
Educator, Owner of Kevin Blackburn
Photography*

Come explore the wonders of photographing flowers while learning the basics of photography. Over the course of 3 hours, students between the ages of 10 and 13 will learn how to use photography skills in nature as

an artistic tool, sharing the joy of nature through the lens of a camera. **Please note:** This workshop is designed for students aged 10 to 13. It will be offered twice; the second workshop is a repeat of the first. Each workshop will only be open to 10 participants. Adults should be on-site for the duration of the workshop and are encouraged to take part with their children. No materials are necessary. Each participant will be given (to use then return) their own camera with instruction on basic use, followed by a demonstration of the basic composition of the camera itself. Each participant will produce either a print or a piece of artwork to take with them at the conclusion of the workshop, in addition to taking home a thumb drive that contains additional photos taken during the course.

Date: Saturday, March 14

Time: 10 a.m. to 1 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov

Date: Saturday, March 14

Time: 2 p.m. to 5 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov

Tour

MEDICINAL AND POISON PLANTS AT THE USBG

Beth Burrous, Biochemist and USBG Volunteer

Many important medicines are derived from plants, but too much of a good thing can be dangerous. During a walking tour of the Conservatory, Beth Burrous will feature poisonous and medicinal plants growing at the USBG. She will talk about famous, interesting and sometimes fatal cases of poisoning by plants. You will also see and learn about plants used to make life-saving medicines.

Date: Tuesday, March 17

Time: 12 p.m. to 1 p.m.

Location: Tour meets in the Conservatory Garden Court

FREE: No pre-registration required



Hibiscus kokio
Photo by Kevin Blackburn



Lecture

THE DIGS ON DIRT

*Jessica Walliser, horticulturist, radio host, and author of *Attracting Beneficial Bugs to Your Garden: A Natural Approach to Pest Control**

The most important step in acquiring a green thumb is getting dirty. Learn how soil composition influences the health and productivity of your garden, and how to “electrify” your soil so you can grow a better garden. Get information on using organic soil amendments, fertilizers, cover crops, and composts to help your garden thrive.

Date: Friday, March 20

Time: 12 p.m. to 1 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov



Children's Program

KITES AND POLLINATORS HEAD FOR THE SKY

Lee Coykendall, USBG Children's Education Specialist

Be the talk of the town during the kite festival on the Mall with your personally designed botanical themed kite! Join

Lee as she demonstrates the kite making process, giving fun facts about pollinators and plants along the way.

Please note: This is a drop-in program.

It is designed for all ages.

Date: Sunday March 22

Time: 10 a.m. to 2 p.m.

Location: Conservatory Garden Court

FREE: No pre-registration required



Cooking Demonstration

CELEBRATING SPRING

Adrienne Cook, Gardening and Cooking Writer and Danielle Cook, MS, Nutritionist and Cooking Instructor

Get ready for spring holiday entertaining that showcases the spring garden. Dishes that will light up the buffet table or make an everyday meal special. **Please note:** This program will be offered at 12 p.m. and repeated at 12:45 p.m.

Date: Thursday, March 26

Time: 12 p.m. to 1:30 p.m.

Location: Conservatory Garden Court

FREE: No pre-registration required



Special Event

CHOCOLATE: HEALTH BENEFITS, BOTANY AND TASTING

Beth Burrous, Biochemist and USBG Volunteer

Come learn about the possible health benefits of chocolate and the science of chocolate flavor development. Beth will talk about the “bean to bar” process, food labels, and health claims on chocolate-derived products. We’ll conclude with tasting a variety of chocolates from around the globe.

Date: Friday, March 27

Time: 12 p.m. to 1 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required



Theobroma cacao

Lecture

THE PASSIONATE FACT: STORYTELLING SCIENCE, AN INTRODUCTION

Susan Straus, professional storyteller

A naturalist’s life holds a wealth of experience. This living knowledge is humus for stories. Story is the most accessible way for humans to digest information, reflect upon it and sustain memory. This lecture and demonstration showcases how, in the smallest ways, story can transform scientific content into something meaningful and essential. Good storytelling engages and feels inclusive of any audience. It intrigues intelligence without being snobbish. It excites discussion. A variety of story forms and archetypes will be presented which aide a naturalist in finding the right story for a particular audience or moment. David Attenborough and other great communicators of natural history have also been great storytellers. Why shouldn’t modern environmental educators inherit these same capacities? Join Susan Straus as she performs excerpts from her botanical works such as *Secrets of the Dark Forest: Tree Stories*, *When Venus Blushes: Plant Stories* and *Seeds from the Sun: Stories of Agricultural Wisdom*.

Date: Friday, March 27

Time: 7 p.m. to 9 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov

Photography Workshop

FOCUS ON FLOWERS

*Josh Taylor, Jr.,
Garden Photographer*

Learn techniques to get the best flower images from your camera while photographing colorful foliage, eye-catching and unique flowers, and textured desert and vibrant tropical plants. This workshop offers a combination of classroom instruction and shooting sessions with the instructor.

The instructor will cover close-up techniques, flash photography, visual design for impact, and post-processing techniques in Lightroom, Photoshop, and Photoshop Elements. Please note: A materials list can be found with the online listing. Please bring a lunch.

Dates: Saturday and Sunday, March 28-29

Time: 8 a.m. to 3:30 p.m.

Location: Conservatory Classroom

Friends: \$150

Non-members: \$175

Pre-registration required: Visit www.usbg.gov



Strelitzia reginae
Photo by Josh Taylor, Jr.

Children's Program

SPROUTS

*Lee Coykendall, USBG Children's
Education Specialist*

Bring your preschooler (ages 3-5) to the U.S. Botanic Garden for plant-related fun. Each Wednesday session will have varied activities that may include a story, art activity or walk in the garden. **Please note:** Children must be accompanied by an adult. Participating children must be at least 3 years of age.

Dates: Wednesdays, April 1, 8, 15, 22

Time: 10:30 a.m. to 11:30 a.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov*

***Please note:** Registration opens on Wednesday, March 4 at 10 a.m.



Tour

LUNCHTIME TOUR OF THE CONSERVATORY

USBG Volunteers

What do manila folders, Chanel No. 5, vanilla and fossil fuels have in common? They all come from plants on permanent display in the USBG Conservatory. Take a tour with a knowledgeable guide who will connect the exotic plant world to everyday life. You might see bananas, cacao and coffee ripening on the tree or learn about the next big breakthrough in medicinal plant research.

Dates: Mondays, April 6, 13, 20, 27

Time: 12 p.m. to 1 p.m.

Location: Tour meets in the Conservatory Garden Court

FREE: No pre-registration required

Dates: Wednesdays, April 1, 8, 15, 22, 29

Time: 12 p.m. to 1 p.m.

Location: Tour meets in the Conservatory Garden Court

FREE: No pre-registration required

Dates: Fridays, April 3, 10, 17, 24

Time: 12 p.m. to 1 p.m.

Location: Tour meets in the Conservatory Garden Court

FREE: No pre-registration required



Parent & Child Program

SNUGGLERS

USBG Volunteer

Do you have a tiny treasure in a snuggly? Looking for ways to get out of the house, and learn? Join us each Thursday for a 45-minute guided tour of the Conservatory. Each week will be a different exploration. This program is designed for parents and care providers who have a tiny one in a snuggly. **Please note:** Due to our narrow paths and the nature of this program, we cannot support strollers or older siblings.

Date (choose any or all of the following):

Thursday, April 2, 9, 16, 23, 30

Time: 10:30 a.m. to 11:30 a.m.

Location: Conservatory Garden Court

FREE: Pre-registration required:

Visit www.usbg.gov



Lecture

TREE ROOTS: PROBLEMS AND SOLUTIONS

*James Urban, Urban Trees + Soils,
FASLA, ISA*

Changes in nursery production, particularly trees grown in containers are producing trees with very poor root systems. Roots too deep in the ball, circling and girdling roots, bark potting medium all serve to slow the development of the tree and can severely reduce the life expectancy of that tree. You can fix these problems but only with lots of hard work.

Date: Friday, April 3

Time: 12 p.m. to 1 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov



Children's Program

SEEDLINGS

Lee Coykendall, USBG Children's Education Specialist

Come learn just how amazing plants really are during our Seedlings class (ages 6-10). Each week will be a mix of hands-on investigations, planting projects and science-based activities. **Please note:** Students must be at least 6 years of age and accompanied by an adult. Seedlings is designed for a more advanced level of plant science education. For the benefit of all participants, we request that only children ages 6 and up attend and share in class activities.

Dates: Tuesdays, April 7, 14, 21, 28

Time: 10:30 a.m. to 12 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov*

***Please note:** Registration opens on

Wednesday, March 4 at 10 a.m.



Tour

AN AFTERNOON IN THE GARDEN

USBG Volunteers

What do manila folders, Chanel No. 5, vanilla and fossil fuels have in common? They all come from plants on permanent display in the USBG Conservatory. Take a tour with a knowledgeable guide who will connect the exotic plant world to everyday life. You might see bananas, cacao and coffee ripening on the tree or learn about the next big breakthrough in medicinal plant research.

Dates: Tuesdays, April 7, 14, 21, 28

Time: 2 p.m. to 3 p.m.

Location: Tour meets in the Conservatory Garden Court

FREE: No pre-registration required

Cooking Demonstration

COLORS OF SPRING

Adrienne Cook, Gardening and Cooking Writer and Danielle Cook, MS, Nutritionist and Cooking Instructor

Enjoy the beauty of spring's colors with a rainbow of recipes that feature multi-hued asparagus, radishes and carrots. **Please note:** This program will be offered at 12 p.m. and repeated at 12:45 p.m. on each day.

Date: Thursday, April 9

Time: 12 p.m. to 1:30 p.m.

Location: Conservatory Garden Court

FREE: No pre-registration required



Date: Thursday, April 23

Time: 12 p.m. to 1:30 p.m.

Location: Conservatory Garden Court

FREE: No pre-registration required

Lecture

HUMAN DISPERSAL OF THE AFRICAN BAOBAB IN THE AMERICAS: AN ETHNOBOTANICAL PERSPECTIVE

Dr. John Rashford, Professor of Anthropology, College of Charleston

The African baobab is the most prominent member of the genus *Adansonia*, a small group of Old World tropical trees in the Bombacaceae family that in addition to the African species includes six species endemic to Madagascar and one to Australia. Based on fieldwork done from Florida to Brazil, this talk examines the reasons people give for the dispersal of this species in the Americas.

Date: Thursday, April 9

Time: 6 p.m. to 7:30 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov



Lecture

PLANTS WITH BENEFITS: AN UNINHIBITED GUIDE TO YOUR GARDEN

Helen Yoest, Author, Plants With Benefits: An Uninhibited Guide to the Aphrodisiac Herbs, Fruits, Flowers, & Veggies in Your Garden, and Stylist at Gardening with Confidence®

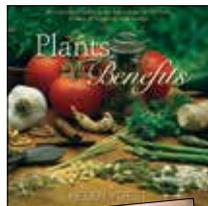
Are some plants aphrodisiacs, or is that just a myth? Garden expert and plant detective Helen Yoest takes us on a romp through history, lore and ethnobotany to find out how 50 of these plants got their “hot” reputation – and what modern science has to say about it. Discover which common garden plants and favorite edibles have that “something extra,” and why.

Date: Friday, April 10

Time: 12 p.m. to 1 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov



Children's Program

THE ART AND SCIENCE OF CHERRY BLOSSOMS

Lee Coykendall, USBG Children's Education Specialist

Join us for a hands on workshop where we uncover the beauty and botany of the cherry blossom. Participants will use microscopes and create original art pieces. **Please note:** Participants must be between the ages of 8 and 16 and accompanied by an adult. No adults may enroll without registered children. Adults must remain on site during the program. The Sunday afternoon workshop is a repeat of the Saturday afternoon workshop.

Date: Saturday, April 11

Time: 1:30 p.m. to 3:30 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov

Date: Sunday, April 12

Time: 1:30 p.m. to 3:30 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov



Lecture

DO YOU SPEAK ARBORIST?

Alex Torres, Environmental Education Specialist, National Fund for the U.S. Botanic Garden

Plumbers, electricians and even arborists have their own language. Understanding the language that arborists speak can help you avoid pitfalls and insure that your landscape trees are getting the proper care. Join Alex to learn some important tree care basics that will have you speaking like the experts.

Date: Monday, April 13

Time: 12 p.m. to 1 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov



Tour

MEDICINAL AND POISON PLANTS AT THE USBG

Beth Burrous, Biochemist and USBG Volunteer

Many important medicines are derived from plants, but too much of a good thing can be dangerous. During a walking tour of the Conservatory, Beth Burrous will feature poisonous and medicinal plants growing at the USBG. She will talk about famous, interesting and sometimes fatal cases of poisoning by plants. You will also see and learn about plants used to make life-saving medicines.



Date: Tuesday, April 14
Time: 12 p.m. to 1 p.m.
Location: Tour meets in the Conservatory Garden Court
FREE: No pre-registration required

Teacher Training

HOW PLANTS WORK

Lee Coykendall, USBG Children's Education Specialist

Never have time to get to the U.S. Botanic Garden? Join Lee Coykendall for a behind-the-scenes workshop and learn how to use the Garden as an extension of your classroom. This workshop is designed for school teachers of all grade levels.



Date: Thursday, April 16
Time: 4:30 p.m. to 7 p.m.
Location: Conservatory Classroom
FREE: Pre-registration required: Visit www.usbg.gov

Lecture

MUSHROOMS IN THE EDIBLE LANDSCAPE

Michael Judd, Principal Designer, Ecologia – Edible & Ecological Landscapes

Growing gourmet mushrooms in your landscape is easier than you think. Join edible landscape designer and author Michael Judd in an exploration of fruiting in the shade and creating an edible oasis.



Date: Friday, April 17
Time: 12 p.m. to 1 p.m.
Location: Conservatory Classroom
FREE: Pre-registration required: Visit www.usbg.gov



Lecture

LIFE WITHOUT ROOTS

Todd Brethauer, USBG Science
Education Volunteer

As a plant, you usually interact with the soil through your roots. How do you survive if you grow where there is no soil, as a lithophyte on bare rock or as an epiphyte high up in a tree? Spend an hour with Science Education Volunteer Todd Brethauer learning about how plants without roots have adapted to satisfy their moisture and nutrient needs. See how these adaptations have shaped the plant and the important roles these plants play in some ecosystems.

Date: Saturday, April 18

Time: 10:30 a.m. to 12 p.m.

Location: Conservatory Classroom

FREE: Pre-registration

required: Visit www.usbg.gov



Tillandsia usneoides
Photo by Todd Brethauer



Flavoparmelia caperata
Photo by Todd Brethauer

Lecture

THE RIGHT-SIZED FLOWER GARDEN: EXCEPTIONAL PLANTS AND DESIGN SOLUTIONS FOR AGING AND TIME-PRESSED GARDENERS

Kerry Ann Mendez, Owner, Perennially Yours

Change happens. Job demands, kids, money, hectic schedules, aging bodies, and changing interests have led to nightmare gardens. Time for some 'editing'. This inspiring lecture provides easy-to-follow downsizing strategies, recommended no-fuss plant material, and design tips for stunning year-round gardens that will be as close to 'autopilot' as you can get. Implementing these recommendations are not only good for you, they're good for the planet. When you know better, you do better!

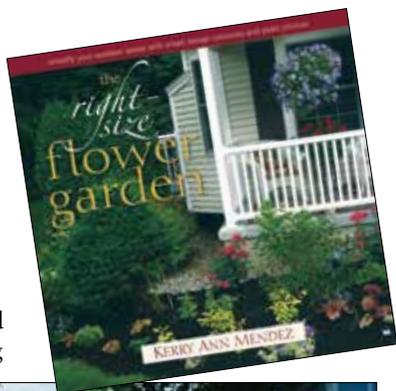
Date: Saturday, April 18

Time: 2 p.m. to 3:30 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required:

Visit www.usbg.gov



Lecture

OUR FUTURE WITH BEES

Noah Wilson-Rich, Founder & Chief Scientific Officer, *The Best Bees Company*

The world's bees can create economic and ecological sustainability, if only we let them. We know the vital importance of bees, yet we also know that they are dying off. What does the future human condition look like in a world that incorporates bees into our architecture, healthcare, and everyday lives? Join Noah Wilson-Rich for a lively lecture about bees and how they fit in our future.

Date: Sunday, April 19

Time: 2 p.m. to 3:30 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov



Photo by Matthew Sandager



Lecture

TREES THAT WORK

Alex Torres, Environmental Education Specialist, *National Fund for the U.S. Botanic Garden*

If properly selected, trees are one of the most beneficial features of home landscapes. Spend an hour learning about some of our favorite trees and how to put these trees to work creating beautiful, productive home gardens.

Date: Monday, April 20

Time: 12 p.m. to 1 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov



Open House

CELEBRATE EARTH DAY!

USBG Staff & Volunteers

Join us as the U.S. Botanic Garden celebrates the 45th anniversary of Earth Day! Come enjoy cooking demonstrations with seasonal produce and meet with representatives of environmental organizations from throughout the region. Drop by and learn all the ways that you can make the planet a healthier place and become a more active steward of the plants that support life on earth.

Date: Friday, April 24

Time: 10 a.m. to 2 p.m.

Location: Conservatory Terrace (Rain Location Conservatory Garden Court and West Gallery)

FREE: No pre-registration required



Art Workshop

DRAWING CACTI AND SUCCULENTS

Mary Ellen Carsley, Visual Arts Coordinator at Severn School

This workshop explores the beauty and subtle color and variety of forms of cacti and Succulents. Open to students of all experience levels the workshop includes basic drawing techniques with a study of values to capture form in pencil, ink, as well as capturing color using pastel pencils. Basic plant anatomy, botanical illustration techniques as well as simple color theory and an exploration of composition principles in both Eastern and Western art traditions will be discussed. A variety of exciting dry media techniques will be demonstrated. **Please note:** A materials list can be found with the online listing. Please bring a lunch.

Date: Saturday and Sunday, April 25-26

Time: 9 a.m. to 4:30 p.m.

Location: Conservatory Classroom

Friends: \$150

Non-members: \$175

Pre-registration required: Visit www.usbg.gov



Mammillaria elongata



Tour

THE ART AND HISTORY OF THE USBG

Susan Klusman, USBG Volunteer

Ever wonder why the U.S. Botanic Garden Conservatory is located on its present site? What the architectural style of the building is? How Bartholdi's Fountain became part of the USBG? Where many of the first plants in the Conservatory originated? This walking tour will explore how historical currents, architecture, sculpture, and landscape architecture came together to create this grand building.

Please note: The program is canceled if it rains.

Date: Wednesday, April 29

Time: 2 p.m. to 3 p.m.

Location: Tour meets on the Terrace by the entrance to the USBG Conservatory

FREE: No pre-registration required

Lunchtime Tour of the Conservatory

USBG VOLUNTEERS

What do manila folders, Chanel No. 5, vanilla and fossil fuels have in common? They all come from plants on permanent display in the USBG Conservatory. Take a tour with a knowledgeable guide who will connect the exotic plant world to everyday life. You might see bananas, cacao and coffee ripening on the tree or learn about the next big breakthrough in medicinal plant research.

Dates: Mondays, May 4, 11, 18

Time: 12 p.m. to 1 p.m.

Location: Tour meets in the Conservatory Garden Court

FREE: No pre-registration required

Dates: Wednesdays, May 6, 13, 20, 27

Time: 12 p.m. to 1 p.m.

Location: Tour meets in the Conservatory Garden Court

FREE: No pre-registration required

Dates: Fridays, May 1, 8, 15, 22, 29

Time: 12 p.m. to 1 p.m.

Location: Tour meets in the Conservatory Garden Court

FREE: No pre-registration required



Lecture

THE OLDEST LIVING THINGS IN THE WORLD

Rachel Sussman, Artist

The Oldest Living Things in the World is an epic journey through time and space. Over the past decade, artist Rachel Sussman has researched, worked with biologists, and traveled the world to photograph continuously living organisms that are 2,000 years old and older. Spanning from Antarctica to Greenland, the Mojave Desert to the Australian Outback, the result is a stunning and unique visual collection of ancient organisms unlike anything that has been created in the arts or sciences before. She has created a *New York Times* bestselling book of the same name, as well as a traveling exhibition. Sussman will share her insights, setbacks, and inspirations with us.

Date: Friday, May 1

Time: 12 p.m. to 1 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov



Art Workshop

DRAWING ORCHIDS

Carol Beach, Artist

Using the live orchid specimens provided for us by the US Botanical Garden, we will spend the weekend doing a large painting of an orchid, one of the most unusual plants around, yet found on every continent in the world except Antarctica. We will learn about the history of the orchid, and how it has been hybridized to create many different forms and color combinations. We will hear about the orchid hunters, and how the orchid is a huge international industry. **Please note:** A materials list can be found with the online listing. Please bring a lunch.



Cattleya purpurata

Date: Saturday & Sunday, May 2-3

Time: 9 a.m. to 4:30 p.m.

Location: Conservatory Classroom

Friends: \$150

Non-members: \$175

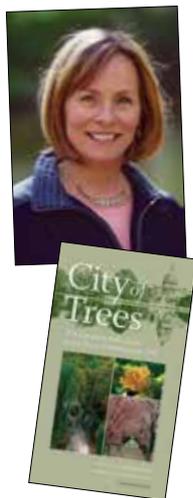
Pre-registration required: Visit www.usbg.gov

Tour

SPRING TREE TOUR OF THE CAPITOL GROUNDS

Melanie Choukas-Bradley, Author of City of Trees

Spend a May morning strolling under the venerable trees that grace the U.S. Capitol grounds with Melanie Choukas-Bradley, author of *City of Trees*. The lush and botanically diverse Capitol grounds were designed by the pre-eminent 19th century landscape architect Frederick Law Olmsted – designer of New York City’s Central Park and many other North American landscapes – and they have been described as one of the world’s finest arboretums. We will explore the historic groves of the Capitol at the height of spring foliage and flower, admiring and learning about the trees that grace the grounds, including species from around the United States and the world. We hope to see magnolias, fringe-trees, buckeyes, horsechestnuts and other flowering trees in bloom. The tour begins at the USBG Conservatory and continues to the Capitol. Learn some basics of tree identification and a secret side of political Washington: the love of trees that goes back to founding presidents George Washington and Thomas Jefferson and led to the capital becoming known as the “City of Trees.” Memorial trees planted by Members of Congress – including one that is 100 years old – are among the trees on the tour. Hear arboreal highlights of the city’s planning history and recommendations for local natural areas for further exploration. **Please note:** This tour is held outdoors. We suggest bringing sunscreen, protective clothing and water. The tour is canceled if it rains or during times of extreme heat (heat index of 95 degrees or higher/ Code Red weather alert).



Date: Saturday, May 2

Time: 10 a.m. to 1 p.m.

Location: Tour meets on the Terrace by the entrance to the USBG Conservatory

FREE: Pre-registration required: Visit www.usbg.gov

Children's Program

SEEDLINGS

Lee Coykendall, USBG Children's Education Specialist

Come learn just how amazing plants really are during our Seedlings class (ages 6-10). Each week will be a mix of hands-on investigations, planting projects and science-based activities. **Please note:** Students must be at least 6 years of age and accompanied by an adult.

Seedlings is designed for a more advanced level of plant science education. For the benefit of all participants, we request that only children ages 6 and up attend and share in class activities.

Dates: Tuesdays, May 5, 12, 19, 26

Time: 10:30 a.m. to 12 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov*

***Please note:** Registration opens on Wednesday, April 1 at 10 a.m.



Tour

MEDICINAL AND POISON PLANTS AT THE USBG

Beth Burrous, Biochemist and USBG Volunteer

Many important medicines are derived from plants, but too much of a good thing can be dangerous. During a walking tour of the Conservatory, Beth Burrous will feature poisonous and medicinal plants growing at the USBG. She will talk about famous, interesting and sometimes fatal cases of poisoning by plants. You will also see and learn about plants used to make life-saving medicines.

Date: Tuesday, May 5

Time: 12 p.m. to 1 p.m.

Location: Tour meets in the Conservatory Garden Court

FREE: No pre-registration required



Tour

AN AFTERNOON IN THE GARDEN

USBG Volunteers

What do manila folders, Chanel No. 5, vanilla and fossil fuels have in common? They all come from plants on permanent display in the USBG Conservatory. Take a tour with a knowledgeable guide who will connect the exotic plant world to everyday life. You might see bananas, cacao and coffee ripening on the tree or learn about the next big breakthrough in medicinal plant research.

Dates: Tuesdays, May 5, 12, 19, 26

Time: 2 p.m. to 3 p.m.

Location: Tour meets in the Conservatory Garden Court

FREE: No pre-registration required

Children's Program

SPROUTS

Lee Coykendall, USBG Children's Education Specialist

Bring your preschooler (ages 3-5) to the U.S. Botanic Garden for plant-related fun. Each Wednesday session will have varied activities that may include a story, art activity or walk in the garden. **Please note:** Children must be accompanied by an adult. Participating children must be at least 3 years of age.

Dates: Wednesdays, May 6, 13, 20, 27

Time: 10:30 a.m. to 11:30 a.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov*

***Please note:** Registration opens on Wednesday, April 1 at 10 a.m.



Cooking Demonstration

HERB CELEBRATION

Adrienne Cook, Gardening and Cooking Writer and Danielle Cook, MS, Nutritionist and Cooking Instructor

They can take the mundane and turn into delectable. Easy-to-grow, great to flavor, fresh herbs will be showcased in terrific new recipes from the Cook Sisters. **Please note:** This program will be offered at 12 p.m. and repeated at 12:45 p.m. on each day.

Date: Thursday, May 7

Time: 12 p.m. to 1:30 p.m.

Location: Conservatory Garden Court

FREE: No pre-registration required

Date: Thursday, May 28

Time: 12 p.m. to 1:30 p.m.

Location: Conservatory Garden Court

FREE: No pre-registration required



Lecture

EMILY DICKINSON'S GARDENS

Marta McDowell, Author, Beatrix Potter's Gardening Life, and Landscape History and Horticulture Instructor, New York Botanical Garden

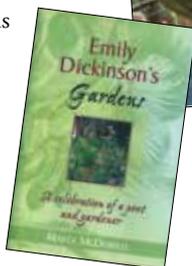
In addition to writing poetry, The Belle of Amherst was a gardener. She cultivated flowers on her father's property and in the glass conservatory that he added to the Homestead. This lecture explores Dickinson's gardens through excerpts of her letters and poems, and historic and modern images of her garden.

Date: Friday, May 8

Time: 12 p.m. to 1 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov



Tour

CELEBRATING PUBLIC GARDENS: THE USBG NATIONAL GARDEN

Bill McLaughlin, USBG Curator

Come celebrate National Public Gardens Day with an engaging tour of the USBG National Garden, highlighting its design concepts and environmentally friendly, forward thinking approach to gardening. Come learn of the D.C. area's Atlantic Fall Line flora, in a garden that celebrates beauty, American style! **Please note:** This tour is held outdoors. We suggest bringing sunscreen, protective clothing and water. The tour is canceled if it rains or during times of extreme heat (heat index of 95 degrees or higher/ Code Red weather alert).

National Public Gardens Day celebrates the important role gardens serve, providing beauty and respite to more than 70 million people annually, while also promoting environmental stewardship, plant conservation and education.

Date: Friday, May 8

Time: 10:30 a.m. to 11:30 a.m.

Location: National Garden (Tour will meet by the entrance to the National Garden from the Conservatory Terrace)

FREE: Pre-registration required:

Visit www.usbg.gov



Lecture

THE FASCINATING WORLD OF CARNIVOROUS PLANTS

Todd Brethauer, USBG Science Education Volunteer

Few plants fascinate young and old alike more than the ability of more than 700 plant species that capture and digest insects and other small animals enabling them to grow in nutrient poor soils. Learn about the evolution, history, ecology, and physiology of the carnivorous plants of the world and how modern science is being applied to better understand them. Get hints on how to keep your carnivorous plant healthy and happy at home. Discover which carnivorous plant was a favorite of President Thomas Jefferson and which carnivorous plant was used by the surgeons in General George Washington's Revolutionary War Army.



Sarracenia flava
Photo by Todd Brethauer

Date: Saturday, May 9

Time: 10:30 a.m. to 12 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov

Lecture

THE RIGHT WATER: NOT TOO WET AND NOT TOO DRY

Todd Brethauer, USBG Science Education Volunteer

The availability of water shapes the “plantscape”. When we pick plants to landscape our homes, our choices have long term consequences in terms of the survival of the plants, how hard we have to work to keep them alive and the beauty of our yards. Coping with the intermittent availability to water from the soil, the need to bring in essential minerals dissolved in water and the drying effects of the air has been a major driving force for evolutionary shaping of plants at an individual and ecosystem level and our horticultural practices. Join Todd Brethauer to learn about your favorite plants adaptations to the available water resources and how that knowledge can help your garden grow.

Date: Saturday, May 9

Time: 2 p.m. to 3:30 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov

Children’s Program

CELEBRATE MOTHER’S DAY AT THE USBG!

Lee Coykendall, USBG Children’s Education Specialist

Looking for a fun way to celebrate Mother’s Day? Bring your mother to the USBG and help her design and plant her very own cook’s garden! Then, using ingredients from this newly planted garden, help her make two recipes and taste the bounty your garden will bring. **Please note:** This is a drop-in program. It is designed for all ages.

Date: Sunday May 10

Time: 2 p.m. to 4 p.m.

Location: Conservatory Garden Court

FREE: No pre-registration required



Adenanthera pavonina

Photo by Todd Brethauer



Acacia farnesiana

Photo by Todd Brethauer



Tour

THE ART AND HISTORY OF THE USBG

Susan Klusman, USBG Volunteer

Ever wonder why the U.S. Botanic Garden Conservatory is located on its present site? What the architectural style of the building is? How Bartholdi's Fountain became part of the USBG? Where many of the first plants in the Conservatory originated? This walking tour will explore how historical currents, architecture, sculpture, and landscape architecture came together to create this grand building. **Please note:** The program is canceled if it rains.

Date: Wednesday, May 13

Time: 2 p.m. to 3 p.m.

Location: Tour meets on the Terrace by the entrance to the USBG Conservatory

FREE: No pre-registration required

Festival

SAVING AND SAVORING: CELEBRATING ENDANGERED SPECIES AND HERBS

The USBG hosts the Endangered Species Coalition and Regional Chapters of the Herb Society of America

Join in this combined event celebrating Endangered Species Day and HerbDay at the USBG. Interactive displays, demonstrations and DIY stations will be featured. Representatives from the Herb Society of America, as well as organizations working with threatened and endangered species will be on hand to discuss everything herbal and endangered.

Date: Saturday, May 16

Time: 10 a.m. to 3 p.m.

Location: Conservatory

FREE: No pre-registration required



Lecture

PLANTS OF THE NEW JERSEY PINE BARRENS

Uli Lorimer, Curator of Native Flora, Brooklyn Botanic Garden

The New Jersey Pine Barrens encompasses over 1 million acres of protected lands and is home to a diverse flora. Join Uli to explore the varied habitats and learn what makes this place distinctly unique.

Date: Sunday, May 17

Time: 2 p.m. to 3:30 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov



Sclerolepis uniflora



Lecture

ROOTING OUT OR ROOTING FOR WEEDS

Dr. Lena Struwe, Director, Chrysler Herbarium, Rutgers University

What are weeds good for and where did they come from? These common plants have evolved closely with human civilization and provide joy, pains, problems, medicines, and food for humans worldwide. In this talk the evolution of weediness in plants will be explored, as well as society's views on the good and bad aspects of weeds in urban, suburban, and rural areas.

Date: Friday, May 22

Time: 12 p.m. to 1 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov



Lecture

THE HISTORY AND ORIGINS OF VANILLA ORCHIDS

*Dr. Pesach Lubinsky, Science Advisor,
Foreign Agricultural Service,
U.S. Department of Agriculture*

Although the production of vanilla beans is today concentrated in Madagascar, the species itself is native to the New World tropics, where it was first cultivated. The history of the origins and dispersal of cultivated vanilla will be recounted using ethnohistoric and genetic evidence.

Date: Friday, May 29

Time: 12 p.m. to 1 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov





Upcoming Events in Early June

Mark your calendars for these programs!

Special Event

BURIED TREASURE: FOODS AND MEDICINES IN THE DIRT

Beth Burrous, Biochemist & USBG Volunteer

Have you ever wondered why the many delicious foods that grow underground are not gobbled up by insects and other critters before we can eat them? Did you know that many important medicines come from plant roots and tubers? Come hear Beth discuss the unique adaptations of “root vegetables” that allow them to grow in the soil and make these veggies nutritional and medicinal powerhouses. She’ll also include the tasting and smelling of familiar and unusual root vegetables.

Date: Friday, June 5

Time: 10:30 a.m. to 12 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov



Demonstration

LEI-MAKING FOR KAMEHAMEHA DAY

Hawaii State Society of Washington D.C.

In celebration of Kamehameha Day each June, the local Hawaiian community has prepared leis using many local mid-Atlantic plant materials. The leis are solemnly presented and draped on the statues of Saint Damien and Kamehameha in a private ceremony in Statuary Hall of the U.S. Capitol, where following the ceremony visitors to the Capitol can enjoy them. Come learn about Hawaiian traditions and culture. Watch as the Hawaii State Society and other members of the local Hawaiian community make the leis for this year’s Kamehameha Day ceremony.

Date: Saturday, June 6

Time: 10 a.m. to 3 p.m.

Location: Conservatory Terrace (Rain Location: Conservatory Garden Court/ West Gallery)

FREE: No pre-registration required



Lecture

HAWAII: A BOTANICAL PARADISE IN THE MIDDLE OF THE SEA

Todd Brethauer, USBG Science Education Volunteer

In celebration of Kamehameha Day, the USBG offers an informative lecture on the evolutionary forces that shaped Hawaii's unique native plant communities. Highlights include how the arrival of humans and their animal companions changed the botanical landscape, and how the early Hawaiians used the plants to meet their food, fiber, shelter, tool, religious and medicinal needs. The lecture highlights the important work of the National Tropical Botanical Garden and the Lyon Arboretum of the University of Hawaii in conserving the island unique plant life and ethnobotanical heritage.

Date: Saturday, June 6

Time: 10:30 a.m. to 12 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov



Hibiscus brackenridgei
Photo by Todd Brethauer

Lecture

A YEAR IN ROCK CREEK PARK

Melanie Choukas-Bradley, Author, Naturalist & Teacher

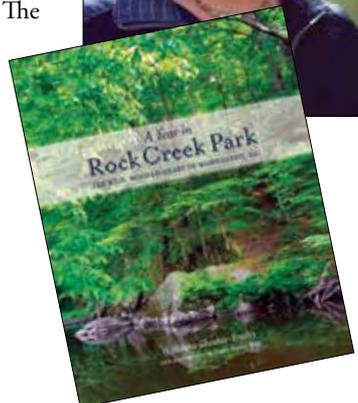
This inspirational talk about the natural history of Rock Creek Park, one of the oldest and largest urban national parks in the country, is based upon the newly published book, *A Year in Rock Creek Park – the Wild, Wooded Heart of Washington DC* by Melanie Choukas-Bradley with photographs by Susan Austin Roth. The presentation takes us on a journey through the seasons in the park, with a focus on the native plants of the Rock Creek Park woodlands. Melanie has traveled the 33-mile length of the creek, on foot and cross-country skis, by bicycle and by canoe, and she will describe her adventures. The talk will be illustrated by Susan Austin Roth's evocative photographs, many of which appear in the book. Celebrate the 125th anniversary of Rock Creek Park, which was created in 1890, the same year Yosemite was established.

Date: Friday, June 12

Time: 12 p.m. to 1 p.m.

Location: Conservatory Classroom

FREE: Pre-registration required: Visit www.usbg.gov





Garden Tours on Your Mobile Phone

Now you can have a private tour of the gardens and plants at the U.S. Botanic Garden Conservatory and National Garden. You are invited to use this tour when you visit or listen from home.

How the tour works:

- Call the tour number: 202-730-9303.
- Enter the stop number from the Conservatory or National Garden to hear the message.
- Smartphone users: After dialing the tour number, you will be sent a text message with instructions for streaming audio access.

Conservatory

- 1 – USBG Brief History
- 10 – Garden Court
- 20 – West Gallery
- 30 – Rare & Endangered Plants
- 40 – Plant Exploration
- 50 – Orchids
- 60 – Medicinal Plants
- 70 – World Deserts
- 80 – Hawaii
- 90 – Garden Primeval
- 100 – Plant Adaptation
- 120 – Children’s Garden
- 130 – Jungle
- 140 – Southern Exposure

National Garden

- 700 – National Garden Overview
- 705 – Regional Garden
- 710 – Butterfly Garden
- 715 – Rose Garden
- 720 – Piedmont vs. Coastal Plain
- 725 – Stream
- 730 – Cycle of Fire
- 735 – Sustainability
- 740 – Amphitheater
- 745 – First Ladies Water Garden
- 750 – Lawn Terrace

You may hang up and redial the tour at anytime. During the tour, you can control the audio by pressing 1 to rewind the recording, 2 to pause/play the recording, or press # to skip the recording.

Normal fees from your service provider may apply to your call.



Become a Junior Botanist!

Hey kids! The U.S. Botanic Garden is looking for Junior Botanists. Who are these strange green life forms among us? Since they make our lives possible, it is a good idea to get to know plants! When you visit the USBG, bring along an adult advisor with an official ID (such as a driver's license) and check out a Junior Botanist Adventure Field Kit. The backpack is filled with cool tools to use during your explorations. When you complete each of the Adventure Sheets you will become an Apprentice Junior Botanist. Follow-up your visit to the USBG with an at-home activity, then apply to our botanist and become an official USBG Junior Botanist. **Please note:** Completion of the Adventure Sheets usually takes an individual several visits. The program is free. Schools may reserve Junior Botanist backpacks on Fridays by contacting our Children's Education Specialist Lee Coykendall, at lcoykend@aoc.gov.

Upon successful completion of the Adventure Sheets, Junior Botanists will receive a certificate signed by USBG botanist Kyle Wallick, a field journal and explorer's lens.





The National Fund for the United States Botanic Garden

What is the National Fund?

The National Fund for the United States Botanic Garden was initially established as a 501(c)3 in 1989 to fund and build the National Garden. The National Fund now supports the educational activities of the USBG, including the Hands On Plant Science (HOPS) summer camp, the National Garden Internship, Landscape for Life and DC Teachers Night. Find out more about the programs we support at www.nfusbg.org.

Partners in Education: Become a Friend of the National Fund

The U.S. Botanic Garden and the National Fund for the United States Botanic Garden jointly sponsor our public programs. Registration fees for programs are administered by the Fund. These fees allow us to bring you a range of educational programs, in addition to outstanding instructors and lecturers. Please join us by becoming a Friend of the National Fund and help us support the U.S. Botanic Garden's many on-site educational programs and events.

Visit www.nfusbg.org/membership to learn more. Contributions are tax-deductible. Membership benefits are listed below:

Friend (\$75 per year)

- Complimentary admission for you and your family to the Holiday Show Preview event
- Discounted registration fees for programs sponsored by the USBG
- Quarterly USBG Calendar of Events

Junior Friend (for First Friends under 40; \$150 per year)

- All benefits listed above plus:
- Two complimentary admissions to the Spring Cocktails in the Garden event

First Friend (\$250 per year)

- All benefits listed above

National Friend (\$500 per year)

- All benefits listed above plus:
- Two additional admissions (4 total) to the Spring Cocktails in the Garden event

Capitol Friend (\$1,000 per year)

- All benefits listed above plus:
- Two additional admissions (6 total) to the Spring Cocktails in the Garden event

About Registration

- Class sizes are limited. Early registration is recommended.
- To register online for programs, go to the U.S. Botanic Garden website at www.usbg.gov/programs-and-events.
- To register by mail, complete the form and send to: Registrar, U.S. Botanic Garden, 245 First St SW, Washington, DC 20024.
- To register by telephone with a credit card, call 202-225-1116.
- Registration fees must be paid in advance. Payment cannot be accepted at the door.
- The U.S. Botanic Garden reserves the right to substitute instructors or cancel programs when necessary.
- Registration fees will be refunded only in the case of program cancellation by the U.S. Botanic Garden.

USBG Program Registration Form

Please print

Name: Mr. & Mrs./Mr./Ms.

Street Address

City

State

Zip

Phone (Required) Daytime

Evening

E-mail Address

Please indicate (X)

- I am a current FRIEND.
- I would like to become a FRIEND. \$75
- I would like to become a JUNIOR FRIEND. For First Friends under 40; \$150 per year
- I would like to become a FIRST FRIEND. \$250
- I would like to become a NATIONAL FRIEND. \$500
- I would like to become a CAPITOL FRIEND. \$1,000

Title

of Participants

Fees

FRIEND membership

Make check payable to NFUSBG or charge to

Visa Mastercard Discover

Total Fees

Card Number

Expiration Date

Signature

Mail registration form to: Registrar, U.S. Botanic Garden, 245 First St., SW, Washington, DC 20024



United States Botanic Garden
245 First Street, SW
Washington, DC 20024