



UNITED STATES BOTANIC GARDEN

Calendar of Events

SEPTEMBER–NOVEMBER 2016

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 a museum 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, Mediterranean and arid regions, and showcases orchids, medicinal, economic, endangered and Jurassic plants. From late May to mid-October, the Conservatory terrace and the East Gallery feature thematic displays and exhibits.

The **National Garden** is adjacent to the Conservatory. It features the Regional Garden, Rose Garden, First Ladies Water Garden, Butterfly Garden and Amphitheater.

Bartholdi Park remains closed while the gardens and hardscapes around the fountain are renovated. The project will improve accessibility and sustainability and is following the Sustainable SITES Initiative, a system of criteria for sustainable landscape design and construction emphasizing the use of American native plants.

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, Blue and Silver 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. The DC Circulator Bus (National Mall route) stops across the street from the Conservatory on 3rd Street.

Free 45-minute highlight **tours** of the U.S. Botanic Garden Conservatory may be available on the day of your visit. Groups of 10 to 25 adults may reserve a tour of the Conservatory Monday through Friday by calling (202) 226-2055 at least four weeks in advance.

The USBG strives to make its facilities and programs **accessible** to all visitors to ensure an enjoyable Garden 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 for more info and to register for programs: www.usbg.gov
For More Information

General Information & Accessibility at the USBG: 202-225-8333

Register for Programs: 202-225-1116

Request Tours: 202-226-2055

Plant Hotline: 202-226-4785

Volunteer Opportunities: 202-226-1047

Media Inquiries: 202-226-4145

National Fund for the USBG: 202-225-1281 (or see pg. 51)

cover image: *Chrysanthemum* sp.

AT A GLANCE

Programs are listed by starting date.

DATE	TIME	TITLE	PAGE
SEPTEMBER			
1	10:30 a.m.	Tour: Highlights of the Conservatory Collection	15
1	10:30 a.m.	Parent & Child Program: Snugglers	16
1	2:00 p.m.	Tour: Highlights of the Conservatory Collection	15
2	10:30 a.m.	Tour: Highlights of the Conservatory Collection	15
2	12:00 p.m.	Tour: Highlights of the Conservatory Collection	15
2	2:00 p.m.	Tour: Highlights of the Conservatory Collection	15
6	10:30 a.m.	Children's Program: Seedlings	16
6	10:30 a.m.	Tour: Highlights of the Conservatory Collection	15
6	12:00 p.m.	Tour: Highlights of the Conservatory Collection	15
6	2:00 p.m.	Tour: Highlights of the Conservatory Collection	15
7	10:30 a.m.	Children's Program: Sprouts	17
7	12:00 p.m.	Tour: Highlights of the Conservatory Collection	15
7	1:30 p.m.	Children's Program: Sprouts	17
7	2:00 p.m.	Tour: Highlights of the Conservatory Collection	15
7	4:30 p.m.	Teacher Training: How Plants Work	17
8	10:30 a.m.	Parent & Child Program: Snugglers	16
8	10:30 a.m.	Tour: Highlights of the Conservatory Collection	15
8	12:00 p.m.	Cooking Demonstration: Mediterranean Bounty	18
8	12:15 p.m.	Tour: Nature in Motion	18
8	12:50 p.m.	Cooking Demonstration: Mediterranean Bounty	18
8	2:00 p.m.	Tour: Highlights of the Conservatory Collection	15
8	3:00 p.m.	Concert: American Roots Music: The Brummy Brothers	19
9	10:30 a.m.	Tour: Highlights of the Conservatory Collection	15
9	12:00 p.m.	Lecture: All the Presidents' Gardens	20
9	12:00 p.m.	Tour: Highlights of the Conservatory Collection	15
9	2:00 p.m.	Tour: Highlights of the Conservatory Collection	15
9	6:30 p.m.	Lecture: Planting in a Post-Wild World	20
10	10:30 a.m.	Fitness Program: Yoga	21
10	10:30 a.m.	Lecture: Pome Fruit: Apples, Pears, and Quince	21
10	1:00 p.m.	Special Event: Meet the Artists	22
10	2:00 p.m.	Lecture: The Changing Landscape in Healthcare Design	22

Continued on next page

AT A GLANCE

DATE	TIME	TITLE	PAGE
11	1:00 p.m.	Special Event: Charlie & the Chocolate Tree	23
12	10:30 a.m.	Tour: Highlights of the Conservatory Collection	15
12	12:00 p.m.	Tour: Highlights of the Conservatory Collection	15
12	3:00 p.m.	Tour: The USBG National Garden	23
13	10:30 a.m.	Tour: Highlights of the Conservatory Collection	15
13	12:00 p.m.	Tour: Highlights of the Conservatory Collection	15
13	12:00 p.m.	Tour: Medicinal & Poisonous Plants at the USBG	24
13	2:00 p.m.	Tour: Highlights of the Conservatory Collection	15
14	10:30 a.m.	Tour: Marvelous Morphology: Leaves	24
14	12:00 p.m.	Tour: Highlights of the Conservatory Collection	15
14	2:00 p.m.	Tour: Highlights of the Conservatory Collection	15
15	10:30 a.m.	Parent & Child Program: Snugglers	16
15	10:30 a.m.	Tour: Highlights of the Conservatory Collection	15
15	2:00 p.m.	Tour: Highlights of the Conservatory Collection	15
15	6:00 p.m.	Special Event: 10th Anniversary National Garden Gala	25
16	10:30 a.m.	Tour: Highlights of the Conservatory Collection	15
16	12:00 p.m.	Lecture: Old Roses for a Modern World	26
16	12:00 p.m.	Tour: Highlights of the Conservatory Collection	15
16	2:00 p.m.	Tour: Highlights of the Conservatory Collection	15
17	10:00 a.m.	Festival: Celebrating 10 Years of the National Garden!	27
17	10:30 a.m.	Fitness Program: Yoga	21
19	10:30 a.m.	Tour: Highlights of the Conservatory Collection	15
19	12:00 p.m.	Tour: Highlights of the Conservatory Collection	15
19	3:00 p.m.	Tour: The USBG National Garden	23
20	10:30 a.m.	Tour: Highlights of the Conservatory Collection	15
20	12:00 p.m.	Tour: Highlights of the Conservatory Collection	15
20	2:00 p.m.	Tour: Highlights of the Conservatory Collection	15
21	10:30 a.m.	Tour: Flourish: An Overview	27
21	12:00 p.m.	Tour: Highlights of the Conservatory Collection	15
21	2:00 p.m.	Tour: Highlights of the Conservatory Collection	15
22	10:30 a.m.	Parent & Child Program: Snugglers	16
22	10:30 a.m.	Tour: Highlights of the Conservatory Collection	15
22	11:00 a.m.	Tour: Travel the Tropics	28
22	12:00 p.m.	Cooking Demonstration: Mediterranean Bounty	18
22	12:50 p.m.	Cooking Demonstration: Mediterranean Bounty	18

DATE	TIME	TITLE	PAGE
22	2:00 p.m.	Tour: Highlights of the Conservatory Collection	15
22	3:00 p.m.	Concert: American Roots Music: Bobby Thompson	19
22	5:00 p.m.	Tour: Autumn Equinox Evening Tour	28
23	10:30 a.m.	Tour: Highlights of the Conservatory Collection	15
23	12:00 p.m.	Lecture: Catching the First Blooms	29
23	12:00 p.m.	Tour: Highlights of the Conservatory Collection	15
23	2:00 p.m.	Tour: Highlights of the Conservatory Collection	15
24	9:00 a.m.	Art Workshop: Chrysanthemum, the Queen of Fall Flowers	30
24	10:30 a.m.	Fitness Program: Yoga	21
24	11:00 a.m.	Theatrical Event: Flowers Stink	31
24	1:00 p.m.	Theatrical Event: Flowers Stink	31
26	10:30 a.m.	Tour: Highlights of the Conservatory Collection	15
26	12:00 p.m.	Tour: Highlights of the Conservatory Collection	15
26	3:00 p.m.	Tour: The USBG National Garden	23
27	10:30 a.m.	Tour: Highlights of the Conservatory Collection	15
27	12:00 p.m.	Tour: Highlights of the Conservatory Collection	15
27	2:00 p.m.	Tour: Highlights of the Conservatory Collection	15
28	10:30 a.m.	Tour: Backstage Pass: The USBG Production Facility	32
28	12:00 p.m.	Tour: Highlights of the Conservatory Collection	15
28	2:00 p.m.	Tour: Highlights of the Conservatory Collection	15
28	6:30 p.m.	Lecture: Beauty, Integrity, and Resilience: Can a Garden Have Everything?	32
29	10:30 a.m.	Parent & Child Program: Snugglers	16
29	10:30 a.m.	Tour: Highlights of the Conservatory Collection	15
29	2:00 p.m.	Tour: Highlights of the Conservatory Collection	15
30	10:30 a.m.	Tour: Highlights of the Conservatory Collection	15
30	12:00 p.m.	Lecture: Gardening as We Age	33
30	12:00 p.m.	Tour: Highlights of the Conservatory Collection	15
30	2:00 p.m.	Tour: Highlights of the Conservatory Collection	15

OCTOBER

1	10:30 a.m.	Lecture: Palms: Botany, Biogeography, and Production	33
1	11:00 a.m.	Theatrical Event: Flowers Stink	34
1	2:00 p.m.	Lecture: Tracking Forest Vegetation in the National Parks of the National Capital Region	35

Continued on next page

AT A GLANCE

DATE	TIME	TITLE	PAGE
3	10:30 a.m.	Tour: Highlights of the Conservatory Collection	36
3	12:00 p.m.	Tour: Highlights of the Conservatory Collection	36
4	10:30 a.m.	Children's Program: Seedlings	37
4	10:30 a.m.	Tour: Explore with the Executive Director	37
4	10:30 a.m.	Tour: Highlights of the Conservatory Collection	36
4	12:00 p.m.	Tour: Highlights of the Conservatory Collection	36
4	2:00 p.m.	Tour: Highlights of the Conservatory Collection	36
5	10:30 a.m.	Children's Program: Sprouts	38
5	12:00 p.m.	Tour: Highlights of the Conservatory Collection	36
5	1:30 p.m.	Children's Program: Sprouts	38
5	2:00 p.m.	Tour: Highlights of the Conservatory Collection	36
5	2:00 p.m.	Tour: Art and Architecture of the USBG	38
5	6:30 p.m.	Special Event: The Wildcrafted Cocktail	39
6	10:30 a.m.	Parent & Child Program: Snugglers	39
6	10:30 a.m.	Tour: Highlights of the Conservatory Collection	36
6	12:15 p.m.	Tour: Nature in Motion	40
6	2:00 p.m.	Tour: Highlights of the Conservatory Collection	36
6	3:00 p.m.	Concert: American Roots Music: Big Virginia Sky	41
7	10:30 a.m.	Tour: Highlights of the Conservatory Collection	36
7	12:00 p.m.	Lecture: Invasive Plant Control in the National Parks	42
7	12:00 p.m.	Tour: Highlights of the Conservatory Collection	36
7	2:00 p.m.	Tour: Highlights of the Conservatory Collection	36
7	7:00 p.m.	Children's Program: Night Adventure at the USBG!	42
8	10:30 a.m.	Fitness Program: Yoga	43
8	11:00 a.m.	Theatrical Event: Flowers Stink	34
8	7:00 p.m.	Children's Program: Night Adventure at the USBG!	42
10	10:30 a.m.	Tour: Highlights of the Conservatory Collection	36
10	12:00 p.m.	Tour: Highlights of the Conservatory Collection	36
11	10:30 a.m.	Tour: Highlights of the Conservatory Collection	36
11	12:00 p.m.	Tour: Highlights of the Conservatory Collection	36
11	2:00 p.m.	Tour: Highlights of the Conservatory Collection	36
12	12:00 p.m.	Tour: Highlights of the Conservatory Collection	36
12	2:00 p.m.	Tour: Highlights of the Conservatory Collection	36
12	2:00 p.m.	Tour: Art and Architecture of the USBG	38
13	10:30 a.m.	Parent & Child Program: Snugglers	39

DATE	TIME	TITLE	PAGE
13	10:30 a.m.	Tour: Highlights of the Conservatory Collection	36
13	12:00 p.m.	Cooking Demonstration: Winter Wonders	43
13	12:50 p.m.	Cooking Demonstration: Winter Wonders	43
13	2:00 p.m.	Tour: Highlights of the Conservatory Collection	36
14	10:30 a.m.	Tour: Highlights of the Conservatory Collection	36
14	12:00 p.m.	Lecture: The Autumn Garden	44
14	12:00 p.m.	Tour: Highlights of the Conservatory Collection	36
14	2:00 p.m.	Tour: Highlights of the Conservatory Collection	36
14	6:30 p.m.	Lecture: Networks for Life: Your Role in Stitching the Natural World Together	44
15	10:30 a.m.	Fitness Program: Yoga	43
15	11:00 a.m.	Theatrical Event: Flowers Stink	34
15	2:00 p.m.	Special Event: The Olive: From Tree to Table	45
17	10:30 a.m.	Tour: Highlights of the Conservatory Collection	36
17	12:00 p.m.	Tour: Highlights of the Conservatory Collection	36
18	10:30 a.m.	Tour: Highlights of the Conservatory Collection	36
18	12:00 p.m.	Tour: Highlights of the Conservatory Collection	36
18	2:00 p.m.	Tour: Highlights of the Conservatory Collection	36
19	12:00 p.m.	Tour: Highlights of the Conservatory Collection	36
19	2:00 p.m.	Tour: Highlights of the Conservatory Collection	36
19	2:00 p.m.	Tour: Art and Architecture of the USBG	38
19	6:00 p.m.	Art Workshop: Into the Field: Observation and Sketching Outdoors	45
20	10:30 a.m.	Parent & Child Program: Snugglers	39
20	10:30 a.m.	Tour: Highlights of the Conservatory Collection	36
20	11:00 a.m.	Tour: Travel the Tropics	46
20	2:00 p.m.	Tour: Highlights of the Conservatory Collection	36
20	3:00 p.m.	Concert: American Roots Music: Les Deux	41
20	4:30 p.m.	Teacher Training: How Plants Work	46
21	10:30 a.m.	Tour: Highlights of the Conservatory Collection	36
21	12:00 p.m.	Special Event: Longing for Longans and Loquats	46
21	12:00 p.m.	Tour: Highlights of the Conservatory Collection	36
21	2:00 p.m.	Tour: Highlights of the Conservatory Collection	36
22	9:00 a.m.	Art Workshop: Nature Illuminated	47
22	10:30 a.m.	Fitness Program: Yoga	43

Continued on next page

AT A GLANCE

DATE	TIME	TITLE	PAGE
22	11:00 a.m.	Theatrical Event: Flowers Stink	34
24	10:30 a.m.	Tour: Highlights of the Conservatory Collection	36
24	12:00 p.m.	Tour: Highlights of the Conservatory Collection	36
25	10:30 a.m.	Tour: Rediscover Bartholdi Park!	48
25	10:30 a.m.	Tour: Highlights of the Conservatory Collection	36
25	12:00 p.m.	Tour: Highlights of the Conservatory Collection	36
25	2:00 p.m.	Tour: Highlights of the Conservatory Collection	36
26	12:00 p.m.	Tour: Highlights of the Conservatory Collection	36
26	2:00 p.m.	Tour: Highlights of the Conservatory Collection	36
26	6:30 p.m.	Lecture: Agricultural Wisdom in Traditional Myths	48
27	10:30 a.m.	Parent & Child Program: Snugglers	39
27	10:30 a.m.	Tour: Highlights of the Conservatory Collection	36
27	12:00 p.m.	Cooking Demonstration: Winter Wonders	43
27	12:50 p.m.	Cooking Demonstration: Winter Wonders	43
27	2:00 p.m.	Tour: Highlights of the Conservatory Collection	36
28	10:30 a.m.	Tour: Highlights of the Conservatory Collection	36
28	12:00 p.m.	Lecture: Additions, Deletions, and Re-Deletions	49
28	12:00 p.m.	Tour: Highlights of the Conservatory Collection	36
28	2:00 p.m.	Tour: Highlights of the Conservatory Collection	36
28	6:30 p.m.	Lecture: Ireland's Generous Nature	49
29	10:00 a.m.	Festival: Bat Bonanza!	49
29	10:30 a.m.	Fitness Program: Yoga	43
29	11:00 a.m.	Theatrical Event: Flowers Stink	34
29	1:00 p.m.	Theatrical Event: Flowers Stink	34
31	10:30 a.m.	Tour: Highlights of the Conservatory Collection	36
31	12:00 p.m.	Tour: Highlights of the Conservatory Collection	36

NOVEMBER

1	10:30 a.m.	Tour: Highlights of the Conservatory Collection	50
1	12:00 p.m.	Tour: Highlights of the Conservatory Collection	50
1	2:00 p.m.	Tour: Highlights of the Conservatory Collection	50
2	12:00 p.m.	Tour: Highlights of the Conservatory Collection	50
2	2:00 p.m.	Tour: Highlights of the Conservatory Collection	50
3	10:30 a.m.	Tour: Highlights of the Conservatory Collection	50
3	2:00 p.m.	Tour: Highlights of the Conservatory Collection	50

DATE	TIME	TITLE	PAGE
4	10:30 a.m.	Tour: Highlights of the Conservatory Collection	50
4	12:00 p.m.	Tour: Highlights of the Conservatory Collection	50
4	2:00 p.m.	Tour: Highlights of the Conservatory Collection	50
7	10:30 a.m.	Tour: Highlights of the Conservatory Collection	50
7	12:00 p.m.	Tour: Highlights of the Conservatory Collection	50
8	10:30 a.m.	Tour: Highlights of the Conservatory Collection	50
8	12:00 p.m.	Tour: Highlights of the Conservatory Collection	50
8	2:00 p.m.	Tour: Highlights of the Conservatory Collection	50
9	10:30 a.m.	Tour: Marvelous Morphology: Flowers	51
9	12:00 p.m.	Tour: Highlights of the Conservatory Collection	50
9	2:00 p.m.	Tour: Highlights of the Conservatory Collection	50
10	10:30 a.m.	Tour: Highlights of the Conservatory Collection	50
10	2:00 p.m.	Tour: Highlights of the Conservatory Collection	50
12	10:00 a.m.	Tour: Fall Tree Tour of the Capitol Grounds	51
15	10:30 a.m.	Tour: Rediscover Bartholdi Park!	52
17	10:30 a.m.	Tour: Backstage Pass: The U.S. Botanic Garden Production Facility: Poinsettia Edition	52
29	12:00 p.m.	Tour: Noteworthy National Parks-a-Plenty!	53

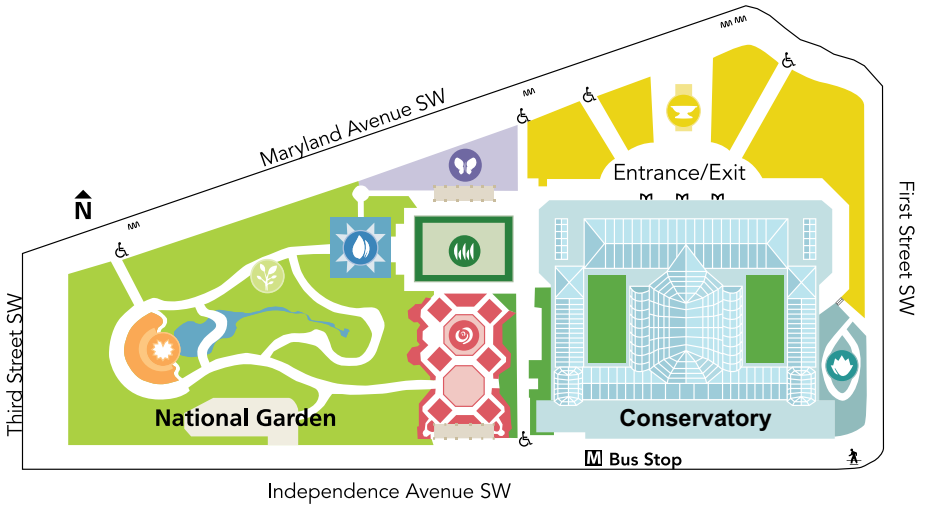
DECEMBER

1	12:00 p.m.	Tour: Noteworthy National Parks-a-Plenty!	53
6	3:00 p.m.	Tour: Noteworthy National Parks-a-Plenty!	53
8	3:00 p.m.	Tour: Noteworthy National Parks-a-Plenty!	53

EARLY JANUARY

4	10:30 a.m.	Children's Program: Sprouts	54
4	1:30 p.m.	Children's Program: Sprouts	54
8	10:30 a.m.	Parent & Child Program: Snugglers	55
10	10:30 a.m.	Children's Program: Seedlings	55
12	10:30 a.m.	Parent & Child Program: Snugglers	55
19	10:30 a.m.	Parent & Child Program: Snugglers	55
26	10:30 a.m.	Parent & Child Program: Snugglers	55

U.S. Botanic Garden



Amphitheater



Butterfly Garden



First Ladies Water Garden



Lawn Terrace



Regional Garden



Rose Garden



Rain Garden






Terrace Gardens

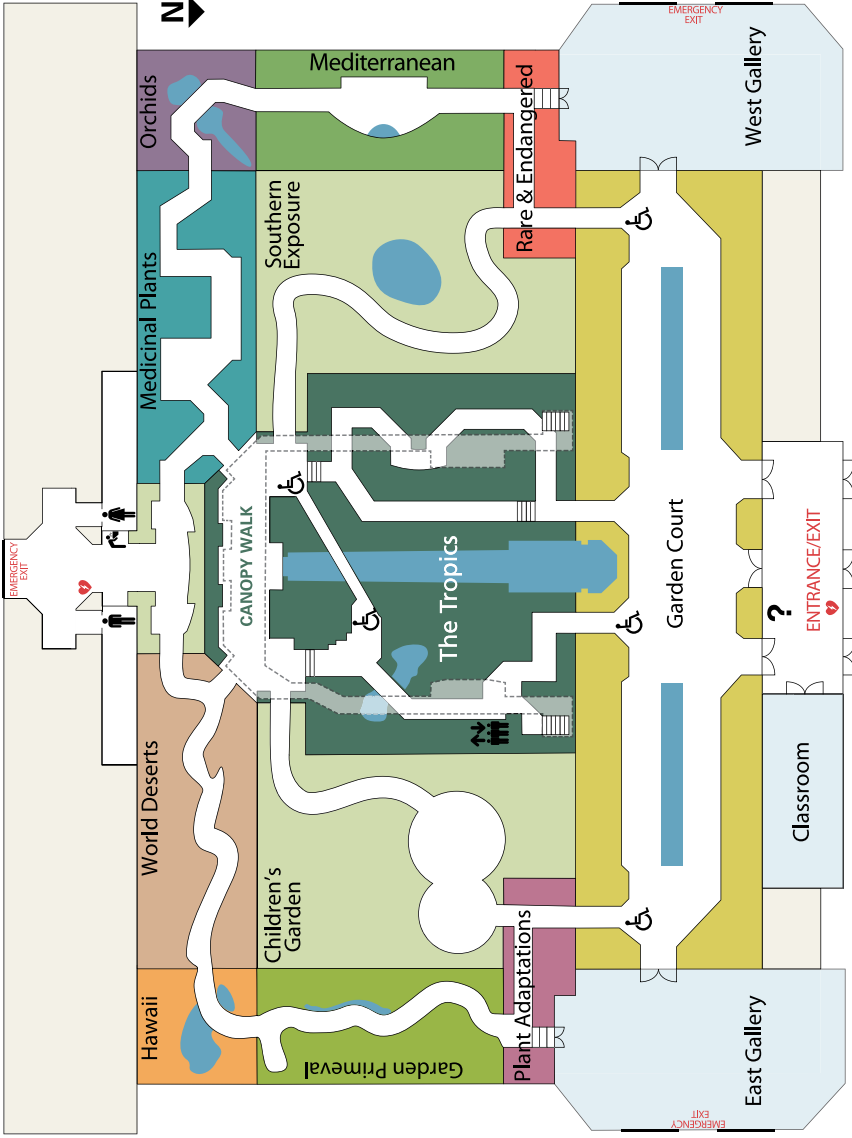


Bartholdi Fountain



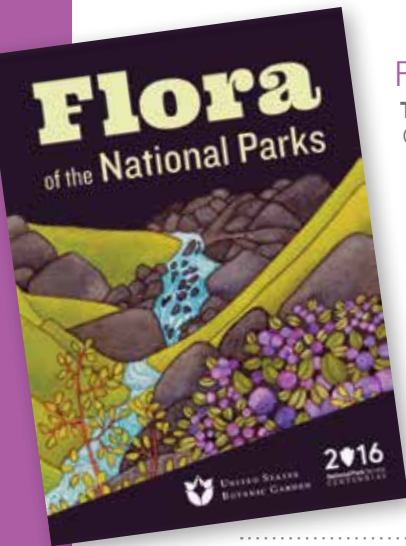
-  Accessible Route
-  Bicycle Parking
-  Pedestrian Crosswalk

Conservatory



Rest Rooms ♿ Water Fountain ? Information ? Elevator ♿ Accessible Route ♡ Automated External Defibrillator (AED)

EXHIBITS



Flora of the National Parks

THROUGH OCTOBER 2

CONSERVATORY WEST GALLERY

In celebration of the 100th anniversary of the National Park Service, this art exhibit showcases some of the plant species and communities found throughout the more than 400 national park sites. From giant redwoods and aspen forests to endangered Virginia spiraea and water lilies, the national parks contain a diverse representation of the North American flora.

Illustrations and photographs in this exhibit take you on a tour of the beauty and importance of the American flora.

Flourish: Inside and Out

THROUGH OCTOBER 2

CONSERVATORY TERRACE
& EAST GALLERY

From a walk in the woods to strolling through a park, and from gardening at home to visiting a public garden, therapeutic horticulture, nature therapy, and accessible gardening connect people to nature and themselves. Come learn how nature can improve human health and wellbeing. Demonstrated through accessible gardens, adaptive tools, engaging programs, and vignettes showcasing the intersection of humans and nature, a visit to the Garden will highlight how people flourish through interactions with plants. This exhibit was developed with consultation from the Chicago Botanic Garden's Buehler Enabling Garden and will excite and motivate visitors to find their place through nature!



Season's Greenings: National Parks and Historic Places

NOVEMBER 24, 2016 THROUGH JANUARY 2, 2017

CONSERVATORY

Immerse yourself in the sights, smells, and sounds of the season in our annual holiday show *Season's Greenings*. See thousands of blooms throughout the Conservatory from exotic orchids to a showcase of heirloom and newly developed poinsettia varieties. Throughout the Conservatory, we will celebrate the 100th anniversary of the National Park Service and the 50th anniversary of the National Historic Preservation Act, including displaying one of the largest indoor trees decked out with ornaments from national parks. In this year's model train show, the trains will chug around, below, through, and above plant-based recreations of iconic national parks and historic places. See the Grand Canyon, Old Faithful Inn, the Gateway Arch, Mount Vernon, the Statue of Liberty, and many more. Our collection of D.C. landmarks, all made from natural materials, will return to fill the Garden Court. Join us as we celebrate the holidays and America's natural and cultural treasures.



CELEBRATE THE 10TH ANNIVERSARY OF THE NATIONAL GARDEN

Join in celebrating the 10th anniversary of the National Garden this summer and fall at the USBG. A natural extension of the U.S. Botanic Garden, the three-acre National Garden highlights the amazing diversity of American plants through the Mid-Atlantic Regional Garden, Rose Garden, and Butterfly Garden. Conceived as an outdoor laboratory for gardening in harmony with natural ecosystems, the National Garden opened in fall 2006.

Programs, lectures, and tours will highlight the National Garden, including a daylong celebration on September 17, 2016. Learn more about native plants, roses, pollinators, and wetlands and how you can incorporate gardens and gardening in your life.

Explore the National Garden through historic photos and videos, and find associated programming, at www.USBG.gov/NationalGarden10

Look for
this icon
throughout the calendar of
events to find activities that
celebrate the 10th Anniversary
of the National Garden.



PROGRAMS

Programs are listed by start date.

TOUR

Highlights from the Conservatory Collection

USBG Volunteer Docent

Want to visit a jungle, desert, and tropical paradise? Want to travel back to the U.S. Exploring Expedition and the Jurassic period? 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. *Please note:* This tour is offered throughout the month on various dates at various times. See listing below for date and time options.



MORNING TOUR

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

DATES: Mondays, September 12, 19, 26
Tuesdays, September 6, 13, 20, 27
Thursdays, September 1, 8, 15, 22, 29
Fridays, September 2, 9, 16, 23, 30

LUNCHTIME TOUR

TIME: 12 p.m. to 1 p.m.

DATES: Mondays, September 12, 19, 26
Tuesdays, September 6, 13, 20, 27
Wednesdays, September 7, 14, 21, 28
Fridays, September 2, 9, 16, 23, 30

AFTERNOON TOUR

TIME: 2 p.m. to 3 p.m.

DATES: Tuesdays, September 6, 13, 20, 27
Wednesdays, September 7, 14, 21, 28
Thursdays, September 1, 8, 15, 22, 29
Fridays, September 2, 9, 16, 23, 30

LOCATION: Tours meet in the Conservatory Garden Court

FREE: No pre-registration required

PARENT & CHILD PROGRAM

Snugglers

USBG Volunteer Docent

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): Thursdays, September 1, 8, 15, 22, 29

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

LOCATION: Conservatory Classroom

FREE: Pre-registration required, visit www.usbg.gov



CHILDREN'S PROGRAM

Seedlings

Lee Coykendall, USBG Children's Education Specialist, and Alex Torres, USBG Education Specialist

Join us for four weeks of hands-on plant science for our Seedlings class (ages 6–10). Each week we will explore the amazing world of plants through science, art, and scientific inquiry. 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 participate in class activities.

DATES: Tuesdays, September 6, 13, 20, 27

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, August 3 at 10 a.m.*



CHILDREN'S PROGRAM

Sprouts

Lee Coykendall, USBG Children's Education Specialist, and Alex Torres, USBG Education Specialist

Dig in to plants with your preschooler (ages 3-5). Join us for four weeks of art, science, and a walking adventure of our gardens as we explore the fascinating world of plants. Please note: Children must be accompanied by an adult. Participating children must be at least 3 years of age. The 1:30 p.m. program is a repeat of the 10:30 a.m. program.

DATES: Wednesdays, September 7, 14, 21, 28

TIME: 10:30 a.m. to 11:30 a.m. or 1:30 p.m. to 2:30 p.m.

LOCATION: Conservatory Classroom

FREE: Pre-registration required, visit www.usbg.gov*

**Please note: Registration opens on Wednesday, August 3 at 10 a.m.*

TEACHER TRAINING

How Plants Work for Elementary School Teachers

Lee Coykendall, USBG Children's Education Specialist

Wondering how to incorporate more plant science into your classroom? 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 elementary school teachers.

DATE: Wednesday, September 7

TIME: 4:30 p.m. to 7 p.m.

LOCATION: Conservatory Classroom

FREE: Pre-registration required, visit www.usbg.gov



DEMONSTRATION**Mediterranean Bounty**

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

Join the Cook Sisters as they demonstrate culinary specialties that feature herbs, fruits, vegetables and plants found in the Mediterranean region, many of which can be viewed in the Botanic Garden's Mediterranean room. *Please note:* The 12:50 p.m. program is a repeat of the 12 p.m. program.



DATES: Thursdays, September 8 and 22

TIME: 12 p.m. to 12:45 p.m. and 12:50 p.m. to 1:30 p.m.

LOCATION: Conservatory Garden Court

FREE: No pre-registration required

TOUR**Nature in Motion**

Alexandra Torres, USBG Education Specialist, and Claire Alrich, Staff, National Fund for the U.S. Botanic Garden

Taking time to enjoy nature has been shown to reduce stress, increase productivity, and improve overall wellness. Join us on a guided nature walk of the USBG outdoor gardens that explores our relationship with plants and the natural world. Throughout this tour we will intermittently stop to connect with our bodies through guided stretching and calming exercises. Themes will vary by class. *Please note:* This tour is held outdoors. 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: Thursday, September 8

TIME: 12:15 p.m. to 1 p.m.

LOCATION: Tour meets by the entrance to the Conservatory on the Terrace

FREE: Pre-registration required, visit www.usbg.gov



CONCERT SERIES**American Roots Music***Various Artists*

Come enjoy the Garden and *Flourish: Inside and Out* as you listen to the sounds of American roots music! *Please note:* Limited seating available on a first come, first served basis.

SEPTEMBER 8TH CONCERT:*The Brummy Brothers*

Hailing from New Jersey, The Brummy Brothers' original blend of bluegrass, roots rock, and improvisation forms a sound and energy that allows them to be found playing anywhere from clubs to folk festivals to farmers markets. And it's a good thing,

because if one thing is clear, it's that these guys love to play music. In May 2014 The Brummy Brothers released their debut album "On Our Way," allowing the band to share the composite of their time together. The record incorporates harmonizing voices, striking instrumental prowess, and expert arrangement to bring everything together. Fans just can't wait to "Shake their BRUM!"

**SEPTEMBER 22ND CONCERT:***Bobby Thompson*

Awe-inspiring master guitarist and vocalist Bobby Thompson is no stranger to the blues world. He cut his teeth learning to play in the old blues clubs of D.C. from the likes of Bobby Parker. After honing his craft as a much sought after support man, Thompson decided to step out as a solo artist, releasing three albums since 2011. A recent review from Roots Music Report claims

Thompson's songs portray "muscular blues- and soul-rock strong on soulful vocals and cut-above-the-norm originals." With his smooth, gripping vocal stylings and his perfect musical taste on anything with a string, Thompson is what's referred to as a "musician's musician." Considered a "must see" act of the Northeast region, Bobby was nominated for the D.C area Musician of the Year award in 2015.

**DATE:** Thursday, September 8 and 22**TIME:** 3 p.m. to 5 p.m.**LOCATION:** Conservatory Garden Court**FREE:** No pre-registration required

LECTURE

All the Presidents' Gardens



Marco Ricca

Marta McDowell, garden writer

An entertaining romp through our nation's garden history as seen through the changing grounds at the White House, starring the presidents, first ladies, and their gardeners. See how horticulture, both edible and ornamental, at the

White House has mirrored horticultural fashions in the country as a whole.

DATE: Friday, September 9

TIME: 12 p.m. to 1 p.m.

LOCATION: Conservatory Classroom

FREE: Pre-registration required, visit www.usbg.gov



LECTURE

Planting in a Post-Wild World

Thomas Rainer, RLA, and Claudia West, International ASLA

We live in a global city, and few wild places remain in today's urban environments. Planting designers have the opportunity and responsibility to bring wildness and ecological value back into our landscape. This challenge requires a new form of planting design that works with natural principles and marries horticulture with ecology. Join us as we explore how native plants will fit into our future landscape and how plant community-based design strategies can help you meet aesthetic and ecological goals during your next planting project. *Please note:* Doors will open at 6 p.m.

DATE: Friday, September 9

TIME: 6:30 p.m. to 8:30 p.m.

LOCATION: Conservatory Garden Court

FREE: Pre-registration required, visit www.usbg.gov



LECTURE**Pome Fruit: Apples, Pears, and Quince—
Botany, History, and Production***Todd Brethauer, USBG Science Education Volunteer*

From their glorious spring blossoms that light up our landscapes to the tasty fruit harvested in late summer through late autumn, pome fruits play an important part in our horticultural and nutritional palettes. Spend an hour learning about the origin of the apple and where you can find a forest of its wild ancestors. Find out how modern genome sequencing techniques are clarifying the evolutionary history of these fruits and providing tools for breeders confronting insect pests and diseases that affect the trees.

DATE: Saturday, September 10**TIME:** 10:30 a.m. to 12 p.m.**LOCATION:** Conservatory Classroom**FREE:** Pre-registration required, visit www.usbg.gov*Malus domestica**Malus domestica***FITNESS EVENT****Practice with Love Yoga Gatherings:
Stop and Smell the Roses***Heather Markowitz, Founder, WithLoveDC*

WithLoveDC is a movement to spread love, joy, and acceptance throughout the District. The Practice With Love classes aim to create an accessible space for all people to tune into their breath while enjoying the amazing spaces around our beautiful city. WithLoveDC is thrilled to bring their free yoga gatherings to the U.S. Botanic Garden; come flow with us! *Please note:* This program is first-come, first served with limited space available. Visitors are encouraged to bring their own mats.

DATES: Saturdays, September 10, 17, 24**TIME:** 10:30 a.m. to 11:30 a.m.**LOCATION:** National Garden Lawn Terrace (Rain Location: Conservatory West Gallery)**FREE:** No pre-registration required

SPECIAL EVENT**Meet the Artists: *Flora of the National Parks****Various exhibit artists*

Plants are a key part of many visitors' experiences in national parks. Meet and greet some of the artists whose work depicting the flora found in America's national parks is featured in this exhibit. Explore the exhibit with the opportunity to ask questions about the artists' techniques, hear their stories and tips, and see how they capture the beauty of these national treasures.

DATE: Saturday, September 10**TIME:** 1 p.m. to 2 p.m.**LOCATION:** Conservatory West Gallery**FREE:** No pre-registration required**LECTURE****The Changing Landscape in Healthcare Design:
Evidence-Based and Sustainable**

*Jerry Smith, FASLA, EDAC, LEED AP, Owner/Principal,
GreenHealth Consulting, LLC*

The healing benefits of nature are becoming more evident and are influencing the way we design landscapes. In the Environments of Care, these health benefits are being tapped into to help improve the healing process for those in need. Join Jerry as he looks at the evidence as well as new sustainable design best practices that support therapeutic landscapes.

DATE: Saturday, September 10**TIME:** 2 p.m. to 3:30 p.m.**LOCATION:** Conservatory Classroom**FREE:** Pre-registration required, visit www.usbg.gov

CHILDREN'S PROGRAM**Charlie & the Chocolate Tree:
A Celebration of Roald Dahl!**

What do Willy Wonka and the U.S. Botanic Garden have in common? Chocolate! You do not need a golden ticket to attend this event. Join us as we celebrate Roald Dahl's 100th birthday and the source of chocolate, *Theobroma cacao*. Just as Charlie discovers good things can come in small packages, come learn about the power of a tiny cacao bean—the source of chocolate and how chocolate is made. We will definitely need taste testers for samples from local chocolatier Adam Kavalier! You might even have the opportunity to take a glass elevator to the top of The Tropics to better understand what it means to be an understory tree.

*Theobroma cacao***DATE:** Sunday, September 11**TIME:** 1 p.m. to 4 p.m.**LOCATION:** Conservatory**FREE:** No pre-registration required**TOUR****The USBG National Garden***Nancy Ragsdale, USBG Volunteer Docent*

Learn about the history of the National Garden, plants butterflies like, native plants of the middle Atlantic area, and roses that grow well in the Washington environment. *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).

DATES: Mondays, September 12, 19, 26**TIME:** 3 p.m. to 4 p.m.**LOCATION:** Tour meets by the entrance to the Conservatory on the Terrace**FREE:** No pre-registration required

TOUR**Medicinal and Poisonous Plants at the USBG***Beth Burrous, Biochemist and USBG Volunteer Docent*

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 lifesaving medicines.

**DATE:** Tuesday, September 13**TIME:** 12 p.m. to 1 p.m.**LOCATION:** Tour meets in the Conservatory Garden Court**FREE:** No pre-registration required**TOUR****Marvelous Morphology: A Plant Structures Stroll: Leaves***Dr. Susan Pell, USBG Science and Public Programs Manager*

Ever wonder what the spots on the back of fern leaves are or how a banana tree's trunk is formed? Join Susan on a tour of the Garden and discover leaf structures and their various functions. Learn what parts of an acacia plant ants rely on and why palm trees have striped trunks. Topics such as leaf shapes, margins, adaptations, petioles, positions, and overall structural diversity will be explored and explained.

DATE: Wednesday, September 14**TIME:** 10:30 a.m. to 11:30 a.m.**LOCATION:** Tour meets in the Conservatory Garden Court**FREE:** Pre-registration required, visit www.usbg.gov

SPECIAL EVENT

10th Anniversary National Garden Gala

National Fund for the U.S. Botanic Garden



Help us celebrate the National Garden's 10th anniversary! Ten years ago, a three-acre lot at the foot of the U.S. Capitol was transformed into a spectacular outdoor museum named the National Garden. Since 2006, the National Garden has demonstrated a great diversity of the Mid-Atlantic flora, cultivated roses, and pollinator-attracting plants. It has also served as a living laboratory to educate countless visitors about plants while connecting people to nature. Join us as we celebrate the 10th anniversary of the unveiling of this living oasis in our nation's capital. The exclusive evening includes a cocktail hour and seated dinner in the National Garden, entertainment, and you!

DATE: Thursday, September 15

TIME: 6 p.m. to 9 p.m.

LOCATION: Conservatory and National Garden

Pre-registration required, visit www.nfusbg.org/events for ticket pricing or contact the National Fund at (202) 225-1281 for additional information. No registrations will be accepted at the door.



LECTURE

Old Roses for a Modern World

10th
Anniversary
National Garden

Sarah Owens, *Horticulturist and Author*, Sourdough:
Recipes for Rustic Fermented Breads, Sweets, Savories and More

Join Sarah as she discusses her 6 years as Curator of Brooklyn Botanic Garden's esteemed Cranford Rose Garden, converting it into an organic oasis of heritage and modern roses. She will explain how she tackled the issue of rose rosette virus (*Emaravirus* sp.) as well as incorporated annuals, perennials, and bulbs to diversify and provide beneficial companions to the rose collection.

DATE: Friday, September 16

TIME: 12 p.m. to 1 p.m.

LOCATION: Conservatory Classroom

FREE: Pre-registration required,
visit www.usbg.gov



Rosa 'Sweet Frances'

FESTIVAL**The National Garden 10th Anniversary Celebration!**

Come help us celebrate the 10th Anniversary of our very own National Garden! Highlighting the three-acres of garden space adjacent to the Conservatory, this day-long festival showcases the amazing diversity of American plants through the Mid-Atlantic Regional Garden, Rose Garden, and Butterfly Garden with special activities and programs. Highlights include tasty treats with native plants, rose garden tours, hands-on activities for all ages, and much more!

DATE: Saturday, September 17

TIME: 10 a.m. to 4 p.m.

LOCATION: Conservatory Terrace (Rain Location: Conservatory Garden Court)

FREE: No pre-registration required

**TOUR****Flourish: An Overview**

Ray Mims, USBG Conservation and Sustainability Horticulturist

Working with, being in, and seeing plants and nature can be beneficial in numerous ways. Join Ray for this overview tour of the USBG's summer exhibit, *Flourish: Inside and Out*. Spend some time on the terrace discussing sensory plants and programs around the country that use plants in programs and curricula. Walk through the East Gallery and learn about plants for the indoors and adaptable tools, all of which should excite you to embrace nature and inspire you to flourish both inside and out!

DATE: Wednesday, September 21

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

LOCATION: Conservatory Terrace and East Gallery

FREE: Pre-registration required, visit www.usbg.gov



TOUR

Travel the Tropics

Angela Weber Hetrick, USBG Gardener

Join Angela for a talk and walk on the 'wild side' as you explore the Tropics in our Conservatory. Discover some of the many plants found on our diverse planet, from the Amazon Rainforest to the Yucatan Peninsula, as you trek through our canopy walk and view some spectacular bloomers. Come for a 45-minute tour and learn about a new plant or two!

DATE: Thursday, September 22

TIME: 11 a.m. to 11:45 a.m.

LOCATION: Tour meets in the Conservatory Garden Court

FREE: Pre-registration required, visit www.usbg.gov



TOUR

Autumn Equinox Evening Tree Tour



Melanie Choukas-Bradley, author of *City of Trees* and *A Year in Rock Creek Park*

Spend the evening of the Autumn Equinox strolling through the Regional Garden where fall fruits are maturing and the first splashes of leaf color are beginning to show through. Learn to identify trees of the Mid-Atlantic Piedmont and Coastal Plain as you tour the

Regional Garden with Melanie. She will teach you how to identify tupelo, hop-hornbeam, red buckeye, pawpaw, common persimmon, oaks, and many other native trees. She will also share some of the arboreal history of Washington, DC, which has long been known as the "City of Trees," and offer ideas for self-guided tree tours in and around the nation's capital. *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).

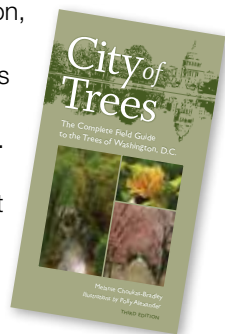
DATE: Thursday, September 22

TIME: 5 p.m. to 7 p.m.

LOCATION: Tour meets by the entrance to the Conservatory on the Terrace

FREE: Pre-registration required, visit www.usbg.gov

10th
Anniversary
National Garden



LECTURE**Catching the First Blooms: Citizen Science, Phenology, and National Parks**

Kelly Fox, Acting Supervisory Park Ranger – Interpretation, C&O Canal National Historical Park

Monitoring phenology, the timing of seasonal biological events, is a fun way to spend more time outdoors in our national parks. The C&O Canal National Historical Park has been capturing first blooming information on spring flowering plants in the hopes of observing trends over time. Join Kelly as she discusses this and other citizen science programs that can help natural resource managers get a wider picture of changes occurring in our local natural areas.

DATE: Friday, September 23

TIME: 12 p.m. to 1 p.m.

LOCATION: Conservatory Classroom

FREE: Pre-registration required, visit www.usbg.gov

Mertensia virginica





Chrysanthemum sp.

ART WORKSHOP

Chrysanthemum, the Queen of Fall Flowers

Marjorie Leggitt, Botanical Illustrator

Cultivated chrysanthemums originate in China where the plant has been in cultivation for 500 years. In this class, learn how to tackle these challenging composites that have blooms in a stunning diversity of colors, shapes, and sizes. Start with step-by-step exercises that unravel the complex perspective. Build value “maps” to capture the spherical dimensions of the flower head and bold color patterns. Then, using contemporary approaches to design, develop your own sizzling color botanical plate. In-class guided exercises, demonstrations, and lots of individual attention will direct you toward a finished work as lush and spectacular as these amazing fall dazzlers! *Please note:* Students will need intermediate skills in botanical illustration. Please pack a lunch. A materials list can be found with the online listing.

This class is being offered in conjunction with the School of Botanical Illustration at Denver Botanic Gardens. Students working toward the Foundational Certificate in Botanical Illustration at Denver Botanic Gardens should register for the class on the Denver Botanic Gardens website.

DATE: Saturday and Sunday, September 24 and 25

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

LOCATION: Conservatory Classroom

FRIENDS: \$150

NON-MEMBERS: \$175

Pre-registration required, visit www.usbg.gov

THEATRICAL EVENT

Flowers Stink

A Kennedy Center musical co-commissioned with the U.S. Botanic Garden
 Words and music by Debra Buonaccorsi and Stephen McWilliams
 Directed by Gregg Henry

When you live in a big city, a.k.a. “the concrete jungle,” sometimes it’s hard to appreciate the great outdoors. That’s definitely the case with one middle school girl, who’s struggling with writing a nature-themed poem for school. Giving up, she tweets: “#natureisboring #flowersstink.” Suddenly, two zany and loveable plants magically come to life in her room, encouraging her to open her eyes, ears, and mind to the beauty all around her. Pointing to her own family history, the girl’s newfound friends transport her imagination to the flora and fauna of a desert, a volcano, and a rain forest to help unleash her creativity. Mixing plenty of singing and dancing with folk, bluegrass, blues, and gospel, this colorful musical, by the Helen Hayes Award-winning creators of *Dizzy Miss Lizzies Roadside Revue*, shows that, if you look closely enough, you can find the best of nature in the most unlikely places. *Please note:* Limited seating will be available on a first-come, first-served basis. This production occurs outdoors. We recommend bringing water and wearing sunscreen. The 1 p.m. show is a repeat of the 11 a.m. show.

DATE: Saturday, September 24

TIMES: 11 a.m. to 12 p.m. and 1 p.m. to 2 p.m.

LOCATION: National Garden Amphitheater (Rain Location: Conservatory West Gallery)

FREE: No pre-registration required



Teresa Wood

TOUR

Backstage Pass: The U.S. Botanic Garden Production Facility*USBG Staff*

Go behind-the-scenes on this guided highlights tour of the U.S. Botanic Garden Production Facility. Featuring almost two acres of greenhouses, this facility is the largest support facility for a public garden in the U.S. Explore unique and unusual plants from the USBG collection and witness gardeners and horticulturists in action. *Please note:* This is a working greenhouse facility. Some rooms may not be available for viewing due to horticultural need. Please wear comfortable shoes, bring water, and dress in layers, as greenhouse bays may become quite warm. Directions to the facility can be found with the online listing.

DATE: Wednesday, September 28**TIME:** 10:30 a.m. to 12 p.m.**LOCATION:** Tour will meet at the entrance to the Production Facility**FREE:** Pre-registration required, visit www.usbg.gov

LECTURE

**Beauty, Integrity, and Resilience:
Can a Garden Have Everything?***C. Colston Burrell, Principal, Native Landscape Design and Restoration*

Do our gardening practices have a negative impact on the environment? Can we make a difference by changing the way we approach design, plant choice, planting techniques, and maintenance regimes? How do we meet our aesthetic goals while providing the structure and resources necessary to maintain the insects and birds we love? Can we create healthy habitat with a mixture of native and exotic plants? These are a few of the questions to explore in terms of the hallmarks of sustainability when melding aesthetic expectations with ecosystem form and function. *Please note:* Doors open at 6 p.m.

DATE: Wednesday, September 28**TIME:** 6:30 p.m. to 8:30 p.m.**LOCATION:** Conservatory Garden Court**FREE:** Pre-registration required, visit www.usbg.gov

LECTURE

Gardening as We Age



Barbara Kreski, Director, Horticultural Therapy Services, Chicago Botanic Garden

With apologies to Oliver Wendell Holmes, man does not quit gardening because he grows old; he grows old because he quits gardening. Gardening can help us all age more gracefully, yet the very challenges of old age often discourage seniors from taking up the trowel. Join Barbara and explore some ideas to help the roughly 85 million U.S. gardeners to continue “digging’ it” during their golden years. Prevention, preparation, position, and partners can keep your thumb green for a lifetime.



DATE: Friday, September 30
TIME: 12 p.m. to 1 p.m.
LOCATION: Conservatory Classroom
FREE: Pre-registration required, visit www.usbg.gov

LECTURE

Palms: Botany, Biogeography, and Production

Todd Brethauer, USBG Science Education Volunteer

Found from the tropics to warm temperate regions around the world, palms with their distinctive growth form play central roles in many ecosystems. Palms are cultivated as important food, fiber, and timber crops around the world. They serve as important symbols in many cultures. Come spend an hour with Todd to learn about the botany, evolution, distribution, and agricultural production of palms.

DATE: Saturday, October 1
TIME: 10:30 a.m. to 12 p.m.
LOCATION: Conservatory Classroom
FREE: Pre-registration required, visit www.usbg.gov



Roystonea oleracea



Licuala peltata

photos by Todd Brethauer

THEATRICAL EVENT

Flowers Stink

A Kennedy Center musical co-commissioned with the U.S. Botanic Garden

Words and music by Debra Buonaccorsi and Stephen McWilliams

Directed by Gregg Henry

When you live in a big city, a.k.a. “the concrete jungle,” sometimes it’s hard to appreciate the great outdoors. That’s definitely the case with one middle school girl, who’s struggling with writing a nature-themed poem for school. Giving up, she tweets: “#natureisboring #flowersstink.” Suddenly, two zany and loveable plants magically come to life in her room, encouraging her to open her eyes, ears, and mind to the beauty all around her. Pointing to her own family history, the girl’s newfound friends transport her imagination to the flora and fauna of a desert, a volcano, and a rain forest to help unleash her creativity. Mixing plenty of singing and dancing with folk, bluegrass, blues, and gospel, this colorful musical, by the Helen Hayes Award-winning creators of *Dizzy Miss Lizzies Roadside Revue*, shows that, if you look closely enough, you can find the best of nature in the most unlikely places. *Please note:* Limited seating will be available on a first-come, first-served basis. This production occurs outdoors. We recommend bringing water and wearing sunscreen. The 1 p.m. show on October 29 is a repeat of the 11 a.m. show.

DATES: October 1, 8, 15, 22, 29

TIME: 11 a.m. to 12 p.m.

DATE: October 29

TIME: 1 p.m. to 2 p.m.

LOCATION: National Garden Amphitheater (Rain Location: Conservatory West Gallery)

FREE: No pre-registration required



photos by Teresa Wood



LECTURE

Tracking Forest Vegetation in the National Parks of the National Capital Region

Liz Matthews, Botanist, National Capital Region Inventory and Monitoring Network

Forest monitoring occurs at over 400 permanent vegetation plots distributed among 11 National Parks in the greater D.C.-area. Join Liz as she discusses the National Park Service's Inventory and Monitoring Division (I&M), describes the local I&M project that tracks long-term changes in forest vegetation, and shares what's been learned from the first decade of this monitoring effort.

DATE: Saturday, October 1

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

LOCATION: Conservatory Classroom

FREE: Pre-registration required, visit www.usbg.gov

TOUR**Highlights from the Conservatory Collection***USBG Volunteer Docent*

Want to visit a jungle, desert, and tropical paradise? Want to travel back to the U.S. Exploring Expedition and the Jurassic period? 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. *Please note:* This tour is offered throughout the month on various dates at various times. See listing below for date and time options.

**MORNING TOUR****TIME:** 10:30 a.m. to 11:30 a.m.

DATES: Mondays, October 3, 10, 17, 24, 31
 Tuesdays, October 4, 11, 18, 25
 Thursdays, October 6, 13, 20, 27
 Fridays, October 7, 14, 21, 28

LUNCHTIME TOUR**TIME:** 12 p.m. to 1 p.m.

DATES: Mondays, October 3, 10, 17, 24, 31
 Tuesdays, October 4, 11, 18, 25
 Wednesdays, October 5, 12, 19, 26
 Fridays, October 7, 14, 21, 28

AFTERNOON TOUR**TIME:** 2 p.m. to 3 p.m.

DATES: Tuesdays, October 4, 11, 18, 25
 Wednesdays, October 5, 12, 19, 26
 Thursdays, October 6, 13, 20, 27
 Fridays, October 7, 14, 21, 28

LOCATION: Tours meet in the Conservatory Garden Court**FREE:** No pre-registration required

CHILDREN'S PROGRAM**Seedlings**

Lee Coykendall, USBG Children's Education Specialist, and Alex Torres, USBG Education Specialist



Join us for four weeks of hands-on plant science for our Seedlings class (ages 6–10). Each week we will explore the amazing world of plants through science, art, and scientific inquiry. 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 participate in class activities. *Please note:* October program is a repeat of the September program.

DATES: Tuesdays, October 4, 11, 18, 25

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, September 7 at 10 a.m.*

TOUR**Explore with the Executive Director**

Dr. Ari Novy, USBG Executive Director

Join USBG Executive Director Dr. Ari Novy on an expedition through the collections of the U.S. Botanic Garden. Dr. Novy will share stories of his favorite plants, the history of the institution, and the many unique treasures contained within and outside the Garden's walls during the fall season.



DATE: Tuesday, October 4

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

LOCATION: Tour meets in the Conservatory Garden Court

FREE: Pre-registration required, visit www.usbg.gov

CHILDREN'S PROGRAM**Sprouts**

Lee Coykendall, USBG Children's Education Specialist, and Alex Torres, USBG Education Specialist

Dig in to plants with your preschooler (ages 3-5). Join us for four weeks of art, science, and a walking adventure of our gardens as we explore the fascinating world of plants. Please note: Children must be accompanied by an adult. Participating children must be at least 3 years of age. The 1:30 p.m. program is a repeat of the 10:30 a.m. program. *Please note:* October program is a repeat of the September program.

DATES: Wednesdays, October 5, 12, 19, 26

TIME: 10:30 a.m. to 11:30 a.m. or 1:30 p.m. to 2:30 p.m.

LOCATION: Conservatory Classroom

FREE: Pre-registration required, visit www.usbg.gov*

**Please note: Registration opens on Wednesday, September 7 at 10 a.m.*

TOUR**The Art and History of the U.S. Botanic Garden**

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.

DATES: Wednesday, October 5, 12, 19

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



SPECIAL EVENT**The Wildcrafted Cocktail***Ellen Zachos, The Backyard Forager***10th**
Anniversary
National Garden

Foraging offers intrepid foodies the chance to play with unique, un-buyable flavors. But wild edibles aren't limited to the dinner table! Use foraged ingredients in your cocktails to create exciting new adult beverages and take craft cocktails to a whole new level. *Please note:* This program is intended for those 21 years of age and older. Small bites will be served to accompany the tasting journey.

**DATE:** Wednesday, October 5**TIME:** 6:30 p.m. to 8:30 p.m.**LOCATION:** Conservatory Garden Court**FRIENDS:** \$30**NON-MEMBERS:** \$40Pre-registration required, visit www.usbg.gov**PARENT & CHILD PROGRAM****Snugglers***USBG Volunteer Docent*

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): Thursdays, October 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

TOUR

Nature in Motion

Alexandra Torres, USBG Education Specialist, and Claire Alrich, Staff,
National Fund for the U.S. Botanic Garden



Taking time to enjoy nature has been shown to reduce stress, increase productivity, and improve overall wellness. Join us on a guided nature walk of the USBG outdoor gardens that explores our relationship with plants and the natural world. Throughout this tour we will intermittently stop to connect with our bodies through guided stretching and calming exercises. Themes will vary by class. *Please note:* This tour is held outdoors. The tour is canceled if it rains.

DATE: Thursday, October 6

TIME: 12:15 p.m. to 1 p.m.

LOCATION: Tour meets by the entrance to the Conservatory on the Terrace

FREE: Pre-registration required, visit www.usbg.gov



CONCERT SERIES**American Roots Music***Various Artists*

Come enjoy the Garden and *Flourish: Inside and Out* as you listen to the sounds of American roots music! *Please note:* Limited seating available on a first come, first served basis.

OCTOBER 6TH CONCERT:*Big Virginia Sky*

Bluegrass-inspired Americana group Big Virginia Sky has collective talent and a myriad of experience performing with and opening up for the likes of Glen Phillips, Alan Jackson, Katie Rogers, Edgar Meyer, The Band Perry, Taylor Hicks, Lonesome River Band, Sarah Jarosz, Sierra Hull, Steve Martin and the Steep Canyon Rangers and more. They were recently featured by the International Bluegrass Music Association (IBMA) in Raleigh, NC, and were chosen out of 30 groups by the Virginia Tourism group to play the exclusive Crooked Ramble with The Church Sisters and Lonesome River Band.

**OCTOBER 20TH CONCERT:***Lex Deux*

Carly Harvey is a Folk-Rock/Blues fusion artist living in the Washington Metropolitan area. Sol Roots is a fierce guitarist & soulful singer who has toured the world with many roots, funk, and blues legends. Together, they form the fantastic duo Les Deux, performing jazz and stripped down blues all delivered with deep soul. Sol has shared the stage with music heavyweights such as Taj Mahal, BB King, Cootie Stark, Cool John Ferguson, John Dee Holeman, Robert Randolph, Kenny Wayne Shepherd, Soulive, Derek Trucks, and others. He has also performed with members of jam band favorites such as Giant Panda Guerilla Dub Squad, Dynamite Brothers, Jah Works, Hobex, Carolina Chocolate Drops and more. Sol Roots has also frequently toured a part of Music Maker Revue—a humanitarian organization that helps support the pioneers of roots, blues, and R&B music.

DATE: Thursday, October 6 and 20**TIME:** 3 p.m. to 5 p.m.**LOCATION:** Conservatory Garden Court**FREE:** No pre-registration required

LECTURE**Invasive Plant Control in the National Parks in and around DC**

Mark Frey, National Park Service Exotic Plant Management Team Liaison

The National Park system protects some of the most important natural and cultural resources. Many of these resources are being degraded by invasive species. Come join Mark and learn about what the National Park Service is doing to control invasive plants in the National Capital Region.



DATE: Friday, October 7

TIME: 12 p.m. to 1 p.m.

LOCATION: Conservatory Classroom

FREE: Pre-registration required, visit www.usbg.gov

CHILDREN'S PROGRAM**Night Adventure at the USBG!**

Lee Coykendall, USBG Children's Education Specialist, and Alex Torres, USBG Education Specialist



Ever wonder what it's like to be at the U.S. Botanic Garden late at night after the public and gardeners have gone home? A night adventure awaits you as you venture out on a flashlight tour of the Jungle, explore night-blooming flowers and night pollinators, experience the cool of the night desert, and participate in several hands-on plant science experiments. *Please note:* Participants must be between the ages of 9 and 12 and be accompanied by an adult. No adults may enroll without registered children. Parents must remain on-site during the program. Program on Saturday is a repeat of the program on Friday. Doors will open for this program at 6:45 p.m.

DATE: Friday, October 7

TIME: 7 p.m. to 9:30 p.m.

LOCATION: Conservatory

FREE: Pre-registration required, visit www.usbg.gov

DATE: Saturday, October 8

TIME: 7 p.m. to 9:30 p.m.

LOCATION: Conservatory

FREE: Pre-registration required, visit www.usbg.gov

FITNESS EVENT**Practice with Love Yoga Gatherings:
Stop and Smell the Roses***Heather Markowitz, Founder, WithLoveDC*

WithLoveDC is a movement to spread love, joy, and acceptance throughout the District. The Practice With Love classes aim to create an accessible space for all people to tune into their breath while enjoying the amazing spaces around our beautiful city. WithLoveDC is thrilled to bring their free yoga gatherings to the U.S. Botanic Garden; come flow with us! *Please note:* There is no program on October 1. This program is first-come, first served with limited space available. Visitors are encouraged to bring their own mats. Program is canceled if it rains.

**DATES:** Saturdays, October 8, 15, 22, 29**TIME:** 10:30 a.m. to 11:30 a.m.**LOCATION:** National Garden Lawn Terrace**FREE:** No pre-registration required**DEMONSTRATION****Winter Wonders***Adrienne Cook, Gardening and Cooking Writer, and
Danielle Cook, MS, Nutritionist and Cooking Instructor*

The slow-growing, multi-hued, variously sized squash coming into season this month are the base for great fall and winter cooking, whether using them for sweet or savory dishes. Join the Cook Sisters as they demonstrate new ways to serve these winter staples. *Please note:* The 12:50 p.m. program is a repeat of the 12 p.m. program.

**DATES:** Thursdays, October 13 and 27**TIME:** 12 p.m. to 12:45 p.m. and 12:50 p.m. to 1:30 p.m.**LOCATION:** Conservatory Garden Court**FREE:** No pre-registration required

LECTURE

The Autumn Garden: Selecting Trees and Shrubs with Late Season Appeal

Vincent Simeone, Horticulturist, Garden Writer, Lecturer



Viburnum dilatatum

The autumn season is a great time to garden. While autumn usually represents a time of harvest and putting the garden to rest, many landscapes are beaming with color. Join Vincent as he offers practical information on how to garden using woody plants that possess interesting fall foliage, fruit, and bark interest. Plants ideal for the home landscape will also be highlighted.

DATE: Friday, October 14

TIME: 12 p.m. to 1 p.m.

LOCATION: Conservatory Classroom

FREE: Pre-registration required, visit www.usbg.gov

LECTURE

Networks for Life: Your Role in Stitching the Natural World Together

Doug Tallamy, Professor, Department of Entomology and Wildlife Ecology, University of Delaware



Biodiversity is essential to sustaining human societies because it is other living things that run our ecosystems. Yet, throughout the U.S., we have fragmented the habitats that support biodiversity by the way we have landscaped our cities, suburbs, and farmland. Isolated habitats cannot support populations large enough to survive normal environmental stresses. We can reconnect viable habitats by expanding existing greenways, building riparian corridors, and by changing the landscaping paradigm that dominates our yards and corporate landscapes. How we landscape today will determine what life looks like tomorrow. *Please note:* Doors open at 6 p.m.

DATE: Friday, October 14

TIME: 6:30 p.m. to 8:30 p.m.

LOCATION: Conservatory Garden Court

FREE: Pre-registration required, visit www.usbg.gov

SPECIAL EVENT**The Olive: From Tree to Table***Keith Voight, Owner, All Things Olive*

Since first domesticated over 6,000 years ago along what is now the Syrian-Turkish border, the olive (*Olea europaea* L.) has been celebrated for its religious, cultural, and culinary uses. Join Keith for an exciting journey exploring this noble fruit from the tree to the table. Learn about

the olive's expansion to the New World, today's dominate cultivars and their varietal characteristics, how olive oil is produced, and the latest on the controversy over extra virgin olive oil standards. This insightful discussion will conclude with a tasting of certified extra virgin olive oils from California.

DATE: Saturday, October 15**TIME:** 2 p.m. to 4 p.m.**LOCATION:** Conservatory Classroom**FREE:** Pre-registration required, visit www.usbg.gov**WORKSHOP****Into the Field: Observation and Sketching Outdoors***Mara Menahan, USBG Botanical Illustrator*

Join the USBG's botanical illustrator for an insider's perspective on the practice of field journaling. We will take a peek inside the field journals of famous scientists and naturalists to understand how the daily ritual of drawing and notetaking led to historic scientific discoveries. Mara will share her own sketchbooks and will demonstrate basic drawing techniques to help you capture landscape, shape, texture, and form. Participants will be provided a journal to record their own observations of native plants in the National Garden.

DATE: Wednesday, October 19**TIME:** 6 p.m. to 8 p.m.**LOCATION:** Conservatory**FREE:** Pre-registration required, visit www.usbg.gov

TOUR**Travel the Tropics***Angela Weber Hetrick, USBG Gardener*

Join Angela for a talk and walk on the 'wild side' as you explore the Tropics in our conservatory. Discover some of the many plants found on our diverse planet, from the Amazon Rainforest to the Yucatan Peninsula, as you trek through our canopy walk and view some spectacular bloomers. Come for a 45-minute tour and learn about a new plant or two!

DATE: Thursday, October 20**TIME:** 11 a.m. to 11:45 a.m.**LOCATION:** Tour meets in the Conservatory Garden Court**FREE:** Pre-registration required, visit www.usbg.gov**TEACHER TRAINING****How Plants Work for Middle and High School Teachers***Lee Coykendall, USBG Children's Education Specialist*

Wondering how to incorporate more plant science into your classroom? 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 middle and high school teachers.

DATE: Thursday, October 20**TIME:** 4:30 p.m. to 7 p.m.**LOCATION:** Conservatory Classroom**FREE:** Pre-registration required, visit www.usbg.gov**SPECIAL EVENT****Longing for Longans and Loquats:
An Adventure with Tropical Fruits***Kyle Wallick, USBG Botanist*

Join Kyle for this exploration of the botany of tropical fruit. Taste and experience some of the more unusual fruits of the world and discover if you are brave enough to sample the durian!

DATE: Friday, October 21**TIME:** 12 p.m. to 1:30 p.m.**LOCATION:** Conservatory Classroom**FREE:** Pre-registration required, visit www.usbg.gov*Dimocarpus longan*

ART WORKSHOP

Nature Illuminated: Gouache and Watercolor on Vellum with Gold Leaf Embellishment

Jean Brinton Jaecks, artist

The USBG's rich collection of flowers and plants, as well as insects, shells, and pods, will be the subject matter for this watercolor and gouache workshop on vellum. Since antiquity the beautiful grain and luminescence quality of vellum (animal skin) has been a preferred support for artists. Students will learn the art of gold leaf to be used as a border or embellishment to their design. Fundamental techniques in rendering objects and basic techniques in working on several types of vellum will be explored. Joris Hoefnagel, the 16c artist who created the miniature paintings for *Nature Illuminated*, will be our inspiration. The works of Garzoni, Durer, and Redoute will also be explored. *Please note:* A materials fee of \$60 is included in the cost of the workshop. This fee covers the cost of gold leaf and a 6 x 8 botanical finish sheet of vellum and images of early medieval manuscripts, to be provided by the instructor. A materials list for student-provided items can be found with the online listing. Please bring a lunch.

DATE: Saturday and Sunday, October 22 and 23

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

LOCATION: Conservatory Classroom

FRIENDS: \$245

NON-MEMBERS: \$270

Pre-registration required, visit www.usbg.gov



TOUR**Rediscover Bartholdi Park!***Ray Mims, USBG Conservation and Sustainability Horticulturist*

Bartholdi Park has recently undergone a renovation to upgrade accessibility, safety, and sustainability. This walking tour will highlight the history, updates, new gardens, and the Sustainable Sites Initiative—a comprehensive rating system that distinguishes sustainable landscapes, measures performance, and elevates their value. Home gardeners will also hear about these principles using the Landscape for Life program. Come join Ray, rain or shine! *Please note:* This tour is held outdoors. We suggest bringing sunscreen, protective clothing, and water. The tour is cancelled in the event of extreme weather conditions, including thunderstorms and snowstorms.

DATE: Tuesday, October 25**TIME:** 10:30 a.m. to 11:30 a.m.**LOCATION:** Tour meets by the Bartholdi Park Fountain**FREE:** Pre-registration required, visit www.usbg.gov**LECTURE****The Tree with Golden Apples:
Agricultural Wisdom in Traditional Myths***Susan Strauss, Storyteller and Author*

Pollinators, the earth worm, seed diversity, and the magic of soil—the science of agriculture was carried by many cultures in their ancient myths. Ms. Strauss will weave storytelling performance of myths from Greek, Chinese, Native American, Nordic, and African cultures which portray science in symbolic picture. She will show how ancient mythic story blends science and wisdom to enliven the grandeur of nature's life processes.

DATE: Wednesday, October 26**TIME:** 6:30 p.m. to 8 p.m.**LOCATION:** Conservatory Classroom**FREE:** Pre-registration required, visit www.usbg.gov

LECTURE

Additions, Deletions, and Re-Deletions to the Maryland Flora

Wes Knapp, Eastern Region Ecologist/Biologist, Maryland Natural Heritage Program

The flora of Maryland is relatively poorly understood despite a long history of botanical exploration. With the first vetted checklist of the state's flora nearing completion, it is time to review and analyze what we know, what we thought we knew, and examine areas for future discovery.



DATE: Friday, October 28

TIME: 12 p.m. to 1 p.m.

LOCATION: Conservatory Classroom

FREE: Pre-registration required, visit www.usbg.gov

LECTURE

Ireland's Generous Nature

Dr. Peter Wyse Jackson, President, Missouri Botanical Garden



Join Dr. Peter Wyse Jackson as he discusses his most recent book, *Ireland's Generous Nature: the past and present uses of wild plants in Ireland*, the first ever comprehensive account of the historical and present-day uses of wild plant species in Ireland. Detailing the disappearing traditional knowledge about Irish plant use, Dr. Wyse

Jackson will explore how plants have been used in virtually every aspect of human life in Ireland: food, clothes, medicine, construction, drinks, veterinary medicine, human health and beauty, and even death.

DATE: Friday, October 28

TIME: 6:30 p.m. to 8:30 p.m.

LOCATION: Conservatory Garden Court

FREE: Pre-registration required, visit www.usbg.gov

FESTIVAL

Bat Bonanza!

Come as a bat, come as a plant pollinated by a bat, or simply join us and learn about bats. There will be bat-related activities throughout the Conservatory—come and learn why bats matter!

DATE: Saturday, October 29

TIME: 10 a.m. to 5 p.m.

LOCATION: Conservatory

FREE: Pre-registration required, visit www.usbg.gov



TOUR**Highlights from the Conservatory Collection***USBG Volunteer Docent*

Want to visit a jungle, desert, and tropical paradise? Want to travel back to the U.S. Exploring Expedition and the Jurassic period? 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. *Please note:* This tour is offered throughout the month on various dates at various times. See listing below for date and time options.

**MORNING TOUR****TIME:** 10:30 a.m. to 11: 30 a.m.

DATES: Monday, November 7
 Tuesdays, November 1, 8
 Thursdays, November 3, 10
 Friday, November 4

LUNCHTIME TOUR**TIME:** 12 p.m. to 1 p.m.

DATES: Monday, November 7
 Tuesdays, November 1, 8
 Wednesdays, November 2, 9
 Friday, November 4

AFTERNOON TOUR**TIME:** 2 p.m. to 3 p.m.

DATES: Tuesdays, November 1, 8
 Wednesdays, November 2, 9
 Thursdays, November 3, 10
 Friday, November 4

LOCATION: Tours meet in the Conservatory Garden Court**FREE:** No pre-registration required

TOUR

Marvelous Morphology—A Plant Structures Stroll: Flowers

Dr. Susan Pell, USBG Science and Public Programs Manager

Ever wonder what the spots on flower petals are for or what part of the flower forms a fruit? Join Susan on a tour of the Garden and discover flower structures and their various functions. Learn the parts of an orchid flower and why bananas only make fruit on one end of their flowering stalks. Topics such as flower structure, pollination methods, and floral diversity will be explored and explained.



DATE: Wednesday, November 9

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

LOCATION: Tour meets in the Conservatory Garden Court

FREE: Pre-registration required, visit www.usbg.gov

TOUR

Fall Tree Tour of the Capitol Grounds



Melanie Choukas-Bradley, author of City of Trees and A Year in Rock Creek Park

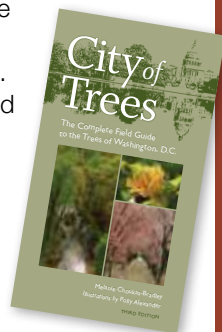
Autumn is a magnificent time to appreciate the architecture and colorful foliage of the historic trees that grace the U.S. Capitol grounds. Stroll around the Capitol, admiring and learning about grand old tree specimens from around the country and the world, including many official state trees and memorial plantings. Melanie Choukas-Bradley will focus on autumn fruits and leaves, and teach how to identify diverse species of oak, maple, beech, buckeye, and many other trees. She will share history of the Capitol Grounds and the city of Washington. Binoculars optional, but recommended. Participants are encouraged to bring their own brown bag lunch to enjoy with Melanie after the tour. *Please note:* This tour is held outdoors. We suggest bringing sunscreen, protective clothing, and water. The tour is canceled if it rains. Hearing aid compatible assistive listening devices are available during the tour.

DATE: Saturday, November 12

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

LOCATION: Tour meets by the entrance to the Conservatory on the Terrace

FREE: Pre-registration required, visit www.usbg.gov

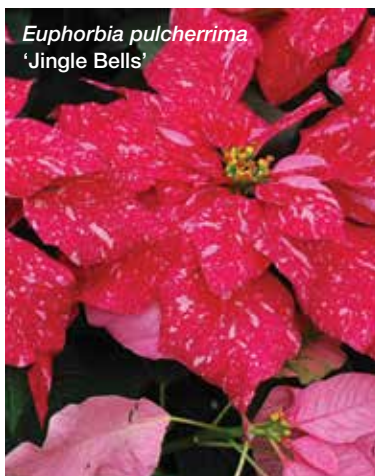


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DATE: Tuesday, November 15**TIME:** 10:30 a.m. to 11:30 a.m.**LOCATION:** Tour meets by the Bartholdi Park Fountain**FREE:** Pre-registration required, visit www.usbg.gov**TOUR****Backstage Pass: The U.S. Botanic Garden
Production Facility: Poinsettia Edition***USBG Staff*

Go behind-the-scenes on this guided highlights tour of the U.S. Botanic Garden Production Facility. Featuring almost two acres of greenhouses, this facility is the largest support facility for a public garden in the U.S. Explore unique and unusual plants from the USBG collection, with specific attention to the holiday poinsettia collection, and witness gardeners and horticulturists in action. *Please note:* This is a working greenhouse facility. Some rooms may not be available for viewing due to horticultural need. Please wear comfortable shoes, bring water, and dress in layers, as greenhouse bays may become quite warm. Directions to the facility can be found with the online listing.

**DATE:** Thursday, November 17**TIME:** 10:30 a.m. to 11:30 a.m.**LOCATION:** Tour will meet at the entrance to the Production Facility**FREE:** Pre-registration required, visit www.usbg.gov

SPECIAL TOUR**Noteworthy National Parks-a-Plenty!**

Staff at the U.S. Capitol Visitor Center, the Library of Congress, and the United States Botanic Garden

Come visit the U.S. Capitol campus and celebrate the 100th anniversary of the National Park Service and the 50th anniversary of the passing of the National Historic Preservation Act. While journeying from the U.S. Capitol Visitors Center, Library of Congress, and the U.S. Botanic Garden, learn about the history of the National Parks, the legislation that works to preserve the United States' natural, cultural, and historical resources, and see artistic botanical representations of a variety of national parks and historic places as part of the 2016 *Season's Greenings* exhibition. *Please note:* The tours on December 1, 6, and 8 are repeats of the tour on November 29.



DATES: Tuesday, November 29 or Thursday, December 1

TIME: 12 p.m. to 2 p.m.

LOCATION: Tour will meet in Emancipation Hall at the U.S. Capitol Visitor's Center

FREE: Pre-registration required, visit www.usbg.gov

DATES: Tuesday, December 6 or Thursday, December 8

TIME: 3 p.m. to 5 p.m.

LOCATION: Tour will meet in Emancipation Hall at the U.S. Capitol Visitor's Center

FREE: Pre-registration required, visit www.usbg.gov

UPCOMING PROGRAMS

Mark your calendars for these programs in early January!



CHILDREN'S PROGRAM

Sprouts

Lee Coykendall, USBG Children's Education Specialist, and Alex Torres, USBG Education Specialist

Dig in to plants with your preschooler (ages 3-5). Join us for four weeks of art, science, and a walking adventure of our gardens as we explore the fascinating world of plants. *Please note:* Children must be accompanied by an adult. Participating children must be at least 3 years of age. The 1:30 p.m. program is a repeat of the 10:30 a.m. program.

DATES: Wednesdays, January 4, 11, 18, 25

TIME: 10:30 a.m. to 11:30 a.m. or
1:30 p.m. to 2:30 p.m.

LOCATION: Conservatory Classroom

FREE: Pre-registration required,
visit www.usbg.gov*

**Please note: Registration opens on
Wednesday, December 7 at 10 a.m.*



PARENT & CHILD PROGRAM

Snugglers

USBG Volunteer Docent

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): Thursdays, January 5, 12, 19, 26

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

LOCATION: Conservatory Classroom

FREE: Pre-registration required, visit www.usbg.gov

CHILDREN'S PROGRAM

Seedlings

*Lee Coykendall, USBG Children's Education Specialist,
and Alex Torres, USBG Education Specialist*

Join us for four weeks of hands-on plant science for our Seedlings class (ages 6–10). Each week we will explore the amazing world of plants through science, art, and scientific inquiry. 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 participate in class activities.

DATES: Tuesdays, January 10, 17, 24, 31

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, December 7 at 10 a.m.*





GARDEN TOURS ON YOUR MOBILE PHONE

Use your mobile phone to have a private tour of the Garden and plants at the United States Botanic Garden.

PHONE CALL OPTION

1. Dial the tour number: 202-730-9303.
2. Enter the stop number on the sign.

SMARTPHONE OPTION

1. Dial the tour number: 202-730-9303.
2. You will be sent a text message with instructions for streaming audio.

QR CODE OPTION

Scan the QR codes on the signs with your smart phone or tablet.

CONSERVATORY

- 1 USBG Brief History
- 10 Garden Court
- 30 Rare & Endangered Plants
- 50 Orchids
- 60 Medicinal Plants
- 70 World Deserts
- 80 Hawaii
- 90 Garden Primeval
- 100 Plant Adaptation
- 120 Children's Garden
- 130 The Tropics
- 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 any time. 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 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 them! 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 that completion of the Adventure Sheets usually takes an individual several visits. The program is free. *Please note:* Schools may reserve Junior Botanist on a limited basis by contacting our Children's Education Specialist at lcoykend@aoc.gov.

Upon successful completion of the Adventure Sheets, Junior Botanists will receive a certificate signed by our botanist, a field journal, an explorer's lens, and an invitation for a behind-the-scenes tour with our botanist.



BECOME A FRIEND OF 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 program, the National Garden Internship, Landscape for Life, and D.C. Teachers Night.

Partners in Education

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

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
- National Fund Newsletter
- Quarterly USBG Calendar of Events

JUNIOR FRIEND (for First Friends under 40; \$150 per year)

- All benefits listed previously plus:
- Two complimentary admissions to the spring Cocktails in the Garden event

FIRST FRIEND (\$250 per year)

- All benefits listed previously

NATIONAL FRIEND (\$500 per year)

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

CAPITOL FRIEND (\$1,000 per year)

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

To learn more visit www.nfusbg.org/membership

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.
- To register by mail, complete the form and send to:
Registrar, U.S. Botanic Garden
245 First St SW
Washington, DC 20515
- 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.

National Fund Membership and USBG Program Registration Form *Please print*

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

Street Address _____

City _____ State _____ Zip _____

Phone 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
- I am not interested in membership at this time

Program Title	# of Participants	Fees
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

FRIEND membership _____

Total Fees _____

Make check payable to **NFUSBG** or charge to: Visa Mastercard Discover

Card Number _____ Expiration Date _____

Signature _____



United States Botanic Garden

245 First Street, SW
Washington, DC 20515