

How Plant Records Can Engage a Wider Audience

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#APGABoston24
#GoPublicGardens





Gardens enliven the spirit



IrisBG | APGA BITE Presentation, June 26th, 2024

Plant records document plant- and garden history



Gardens + plant records = Garden & plant experiences



Plant records help us tell stories to engage wider audiences

How can online plant records help build garden narratives?

- Deepens connection to nature & each other
- Offers greater context
- Bring awareness to important issues
- Provide a bigger picture
- Promotes intergenerational gardening
- Encourages curiosity
- Addresses accessibility needs

For Whom?

- Publically: your local community and tourists
- Internally: garden staff and other departments



Maps



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Maps | Deepen our connection to nature



GARDEN EXPLORER

SEARCH

MAP

NAMES

FEATURES

TOURS



Search our Living Collections!

Welcome! Garden Explorer allows you to conveniently access all existing records in our living collections database on your personal computers, smartphones, or tablets. This database is a work in progress. Staff and volunteers work constantly to improve the content and accuracy of our database. Every day we add new plants, resources, images, and locations to these records. Enjoy!

There are a number of ways you can explore our living collections on the **SEARCH** tab:

- Want to learn more about a specific plant? Search by entering either its common name or scientific name.
- Hoping to see all the plants in a certain group? Search by genus or family name. An alphabetized listing of plant genus can also be found on the **NAMES** tab.
- Interested in all the plants located in a specific Garden area? Search by location using the drop-down menu.

Check out the **MAP** tab to use our interactive map. Simply zoom in on a specific Garden area to see all the plants located in that area.

On the **FEATURES** tab, you can see some of our hardscape features, named seating, and stops on a tour.

To learn more about Lewis Ginter Botanical Garden, visit our full website at lewisginter.org. If you are inspired to support the Garden, please make a donation at giving.lewisginter.org.

SEARCH ?

Common or scientific name

Genus common names



Click on the map for a larger version.

Garden Highlights

1. Four Seasons Garden
2. Healing and Meditation Gardens
3. The Classic Gardens
4. Fountain Garden
5. Conservatory
6. Louise Cochrane Rose Garden
7. Kroger Community Kitchen Garden and Beehives
8. Asian Valley
9. West Island Garden
10. Flagler Garden (includes Woodland Walk)
11. Grace Arents Garden



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Maps | ...and with each other




GARDEN EXPLORER

>SEARCH >MAP >NAMES >FEATURES


SEARCH FOR FEATURES

Type: **Memorial/Tribute plant** Name: **SEARCH** **RESET**

Found: 713



Bench Class of 1923



CLASS OF 1923 MEMORIAL GROVE JUNE 10, 1988

The screenshot shows the Cornell Botanic Gardens Garden Explorer interface. At the top, there are navigation links for SEARCH, MAP, NAMES, and FEATURES. Below this is a search bar with a dropdown menu set to "Memorial/Tribute plant", a text input field for the name, and buttons for "SEARCH" and "RESET". The search results show "Found: 713". The main content area is split into two parts: on the left, an aerial satellite map of a garden area with numerous green circular markers indicating feature locations; one marker is circled in red. On the right, a detailed view of a wooden bench with a plaque that reads "CLASS OF '23 MEMORIAL GROVE JUNE 10, 1988". Below the photo, the text "CLASS OF 1923 MEMORIAL GROVE JUNE 10, 1988" is displayed.

Maps | An invitation to be part of the garden's story

The screenshot shows the Cheekwood Garden Explorer website. At the top left is the Cheekwood Estate & Gardens logo. The main header is dark green with the text "Garden Explorer" and navigation links for "SEARCH", "MAP", and "NA". Below the header is a "Select tour" dropdown menu with a list of tour options. The "Donor Tree Opportunities (#18)" option is highlighted in blue. To the right of the dropdown is a map area with a satellite view of a garden section. A vertical zoom control is visible on the right side of the map. At the bottom of the page is a dark green footer containing copyright information and a "Share" link.

Cheekwood
ESTATE & GARDENS

Garden Explorer

SEARCH MAP NA

Select tour

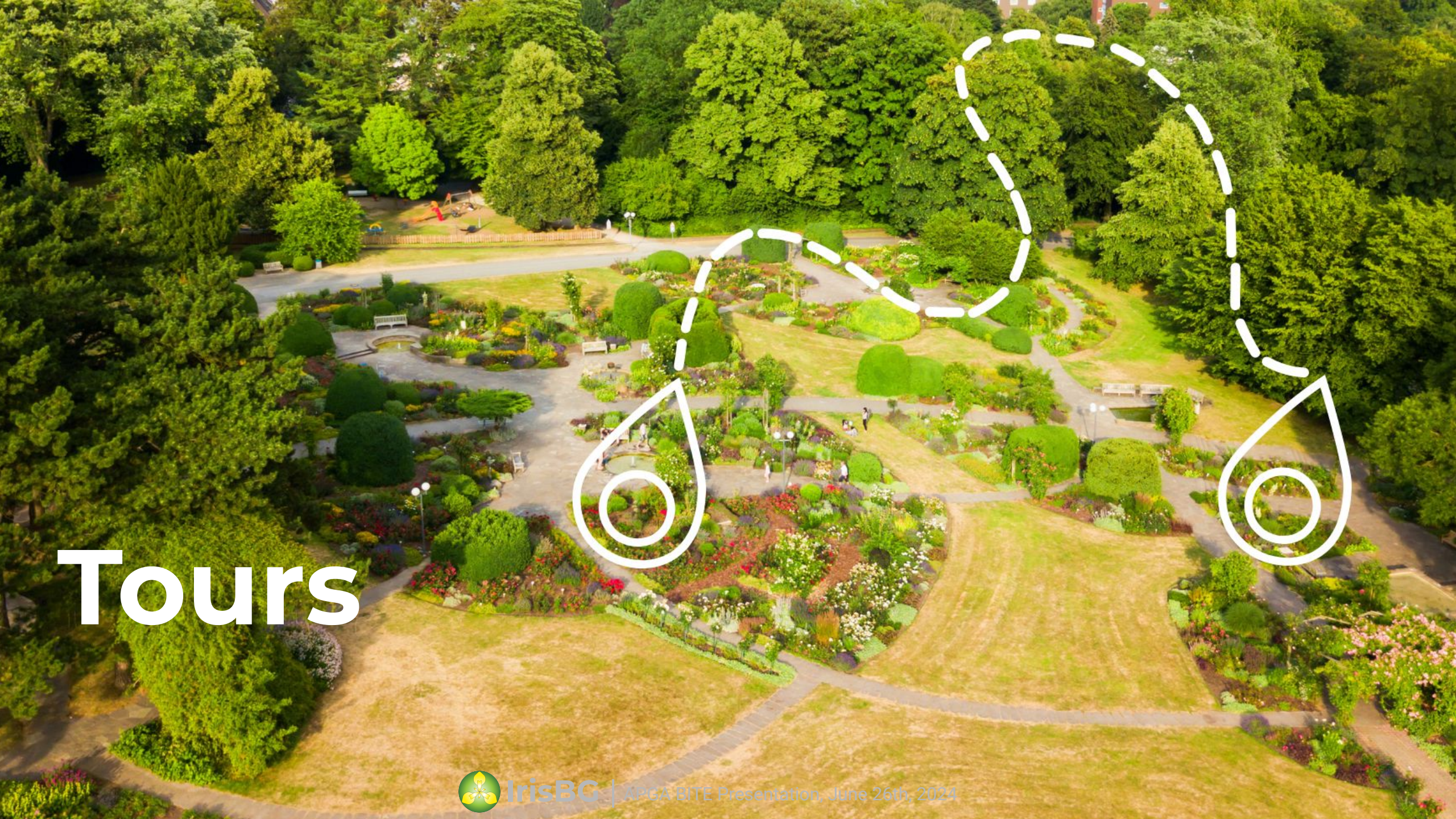
- Arboretum Walking Tour (#4)
- If Trees Could Sing | A Nature Conservancy project (#13)
- Donor Tree Opportunities (#18)**
- Dogwood Collection Tour (#7)
- The Nature Conservancy's Big Old Tree Contest Winners (#14)
- Hydrangea Showcase (#8)
- Wedding Venues (#15)
- Magnolia Magnificent Tour (#9)

the theme tours is to provide an
on the map.

Content © 2024 • Last update: 2024-06-12 • Contact: sjones@cheekwood.org
Web solution © 2008-2024 Compositae AS • Admin • Privacy policy

Share





Tours



Tours | Provide context - a plant's ecological role



Norfolk Botanical Garden, Virginia, USA
Garden Explorer

SEARCH MAP NAMES FEATURES TOURS

Select tour

Butterfly Host Plants (#6)

These are plants that feed the caterpillars of various butterflies. The type of butterfly larva that uses each plant is listed.

Sassafras albidum • 6 • Sassafras, White Sassafras
Spicebush Swallowtail (*Papilio troilus*) and Eastern Tiger Swallowtail (*Papilio glaucus*)



Celtis occidentalis 'Prairie Pride' • 7 • Hackberry
Hackberry Emperor (*Asterocampa celtis*) and Tawny Emperor (*Asterocampa clyton*)



Ruta graveolens • 8 • Rue, Herb of Grace
Giant Swallowtail (*Papilio cresphontes*)



Asclepias tuberosa • 9 • Butterfly Weed, Orange Butterfly Weed
Monarch (*Danaus plexippus*)



Taxon

Magnolia virginiana

◀ Previous 2 / 2



Common name: Sweetbay Magnolia, Swamp Bay, Swamp Laurel

Family: Magnoliaceae (Magnolia)

Distribution: Eastern U.S.A.

Hardiness: -20 - -10 F

Life form: Tree



Tours | Bring awareness - involve visitors in Citizen Science

The Dawes Arboretum Arboretum Explorer

SEARCH MAP NAMES FEATURES TOURS

Select tour

Nature's Notebook Phenology Trail (#3)

Nature's Notebook is a national, online program where citizen scientists regularly record observations of plants and animals in a standardized database. This information is then used for scientific discovery and decision-making on the local and regional levels.

At The Dawes Arboretum, you are invited to take part in collecting and recording information on the phenology, or seasonal changes, of its trees. Observation is fun & easy, and your data will contribute to The Dawes Arboretum's mission.

To participate, create a free account by visiting the [Nature's Notebook homepage](#) and clicking on "Become an Observer." Don't forget to add The Dawes Arboretum as a partner group when you set up your account so that you have the ability to add observations that you make along The Arboretum's Nature's Notebook Trail! Use the interactive map to navigate and observe the phenology of each of the 15 trees below.

Fagus grandifolia • 1 • American beech

This tree:

- Develops a dense canopy.
- Provides golden bronze fall color.
- Features simple leaves that are 3-6" long with sharp, incurved teeth on the margins.
- Yields edible, hard, brown beechnuts that are 1/4-1" in diameter.
- Compensates for its slow growth with longevity.
- Retains its smooth bark as it ages.
- Needs plenty of space.
- Grows in an oval shape.

[Click here](#) for information from Nature's Notebook on observing *Fagus grandifolia* phenophases

Information retrieved from: www.arborday.org

Nyssa sylvatica • 2 • black tupelo, blackgum, sourgum

This tree:

- Provides stunning fall color, bringing many shades of yellow, orange, bright red, purple and scarlet.
- Develops bark that furrows with age, resembling alligator hide on old trunks.
- Produces interesting greenish-white flowers that resemble a petal-less spirea.

Taxon

Taxodium distichum 'Mickelson' Shawnee Brave™

1 / 2 Next ▶



Tours | Allow time travel

Hortus Botanicus Amsterdam, Netherlands

Explorer

Search | Map | Names | **Tours**

Select tour

Moninckx plants (#5)

Between 1686 and 1709 Huydecoper and Commelin commissioned 420 watercolours of plants from De Hortus Botanicus Amsterdam, produced by Jan and Maria Moninckx. Waarschijnlijk fungeerde deze rijke collectie met 'afteekeningen' als een kollektie van kruidboek. Many of the depicted species are still present in De Hortus today. This tour takes you to living plants of the species that would have been the models for the watercolours of Moninckx's Atlas.

[Pelargonium lobatum](#) • 1 • Kaneelbol, Aandblom, Vine-leaved pelargonium

[Agave americana](#) • 2 • Century plant, Maguey

Taxon

Passiflora caerulea

1 / 7 Next ▶






Tours | Encourage intergenerational connection



Tours | Encourage intergenerational connection



MYRIAD BOTANICAL GARDENS GARDEN EXPLORER


SEARCH MAP NAMES TOURS

Select tour


Scent-sational Leaves (#19)

This tour will explore plants in the outdoor collection that have scented leaves. You'll get whiffs of plants that smell like earl grey tea, soap, minty apples and even odd odors like skunk spray, hot paper-clips and skinky tomato leaves. Plants covered will include: trees, shrubs, herbaceous perennials and groundcovers. Through this tour you'll see that flowers aren't the only pungent parts of plants.


Calycanthus floridus • 1 • Sweet Shrub
Sweet Shrub, also called Carolina Allspice, is a North America native that typically grows from six to nine feet tall. Burgundy flowers appear in May and are followed by brown fruit, which persist late into the year to provide winter interest. On one side, the foliage is a deep green and underneath there is a paler color. The leaves are aromatic when bruised, releasing spicy and savory scent. Sweetshrub is best used where the fragrance can be enjoyed such as a border, patio or used as a naturalized planting.




Rhus aromatica 'Gro-Low' • 2 • Fragrant Sumac, Gro Low Sumac
Gro-low fragrant sumac is a deciduous low growing north American native shrub. This shrub grows two to four feet tall, and heavily suckers, which can form dense clusters of growth extending outwards of 8'. In early spring, it has tiny yellow flowers. Clusters of fuzzy red fruit appear later in the season, which are very sour but edible for wildlife. Dependable displays of red to orange autumn foliage are vibrant. The branches and leaves are quite aromatic when crushed and bruised giving an odor resembling the inner rind of an orange peel, and has also been described as a skunky odor.



Pistacia chinensis • 3 • Chinese Pistache
Chinese Pistache is a relatively small deciduous tree growing to about 30 feet tall. It is a very adaptable tree for urban planting; it can thrive in poor quality soil, heat, and harsh conditions. It is native to China, Taiwan and the Philippines, but has escaped cultivation and begun to naturalize in California, Texas, Alabama and Georgia. It's colorful fruit, called drupes, are inedible, but the related species *Pistacia vera* produces the edible pistachio nuts. It has a dependable display of scarlet, yellow and orange autumn foliage. The leaves give off a sweet and spiced smell when crushed and bruised.




Asarum splendens • 4 • Chinese Wild Ginger
Wild ginger is a wonderful groundcover for any shade garden with well drained, moist soil. It stays under eight inches tall and spreads about a foot and a half. It is cultivated for its variegated foliage which has attractive silvery splotches. Chinese ginger is semi evergreen in a mild winter but typically dies back to its roots underground. While it's commonly called a ginger, it is not related to culinary ginger, although it's roots have a ginger like smell and taste.



Taxon

Agastache 'Blue Fortune'

1 / 4 [Next](#) ▶



Common name: Giant Hyssop
Family: Lamiaceae (Mint Family)



Tours | Encourage intergenerational connection



Tours | Encourage intergenerational connection

Sheffield Botanical Gardens Garden Explorer

H - Rock and Water Garden • 📍 2

➤ Can you see all the fish in the pond here? How many can you count? ➤ See if you can see insects on the water, can you see a dragonfly? ➤ There are some giant plants around the water at this time of year, can you find a plant bigger than you here called a Giant Gunnera? This is a prehistoric plant that looks a bit like rhubarb. -Can you see plants which live in the water here?



M - Rosarium • 📍 1

➤ In this Garden you will find lots of colourful roses ➤ How many different-coloured roses can you see? ➤ Do all the roses smell the same? ➤ Which ones are your favourite? ➤ Have you noticed the shapes of the beds that the roses are in. This is a design called the 'Italianate' style. Could you design a garden with lots of shapes in it?





Collection Search

Searching | Encourages curiosity



Welcome to the *Garden Explorer* of the Bonn University Botanic Gardens. Here you can explore our plant collection by searching for your plant of interest by its common or scientific name. If you are interested in a special part of the garden, you could use the map feature or search in the location field. The location of plants will be indicated on the map, if it is in a public area of the gardens.

All plants in the garden have a unique code, accession number, to which history, information and pictures are connected. Those numbers are also given in the upper left

corner of the plant labels.

Search [?]

Common or scientific name

Genus common names

Family common names

Location

Theme

Caution

Local crop variety

Medicinal plant

Plant of the month

Useful plant

Search

Reset





Support for staff



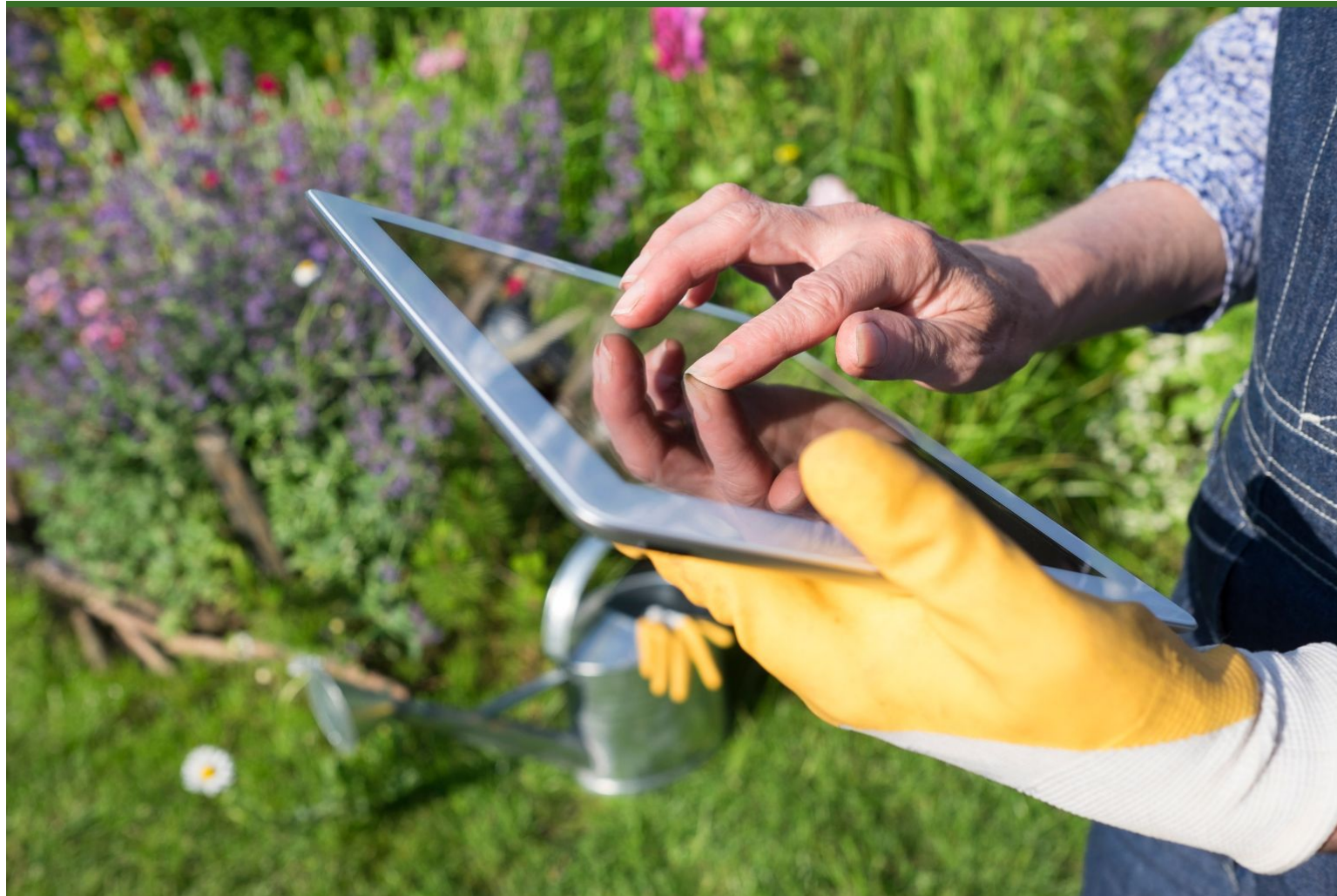
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Support | Enhances visitor engagement



Support | Aids volunteers



Support | Aids garden educators



Accessibility



Accessibility | Display accessible pathways



Accessibility | Offer Audio


Select tour

Audiotour Crown jewels (English) (#32)

Choose a tour from the drop-down menu – enjoy!


Wintertuin second floor • 1
Succulents

▶ 0:00 / 1:23




Collection carnivorous plants • 2
Carnivorous plants

▶ 0:00 / 1:07




Clusius garden • 3
Clusius garden

▶ 0:52 / 1:36




Ginkgo biloba • 4 • Japanese notenboom, Ginkgo, Maidenhair tree, Arbre au quarante écus, Abricotier d'argent, イチヨウ ichō, 银杏 yin xing, Ginkgo biloba

▶ 0:00 / 1:12



Wollemia nobilis • 5 • Wollemi pine




100 m
200 ft

Taxon

Ginkgo biloba

1 / 18 [Next](#) ▶





Accessibility | Offer Visual



GARDEN EXPLORER

[SEARCH](#) [MAP](#) [NAMES](#)

[FEATURES](#) [TOURS](#)



Accessibility | Multiple languages

The screenshot displays the website for Kadoorie Farm & Botanic Garden (KFBG). At the top left is the KFBG logo with the text 'Kadoorie Farm & Botanic Garden' and '高橋理農場暨植物園'. The main heading is '探索花園'. A navigation menu includes '搜尋', '地圖', '植物名稱', and '繁體中文'. A welcome message reads: '歡迎遊覽本園 本園是一所保育與教育中心。請善待環境，讓大家與野生動植物共享自然的和諧寧謐。 尋找植物 想在本園尋找某種植物? 閣下只需輸入植物名稱(中文名或學名)，便能知道植物位置。閣下亦可輸入園內的花園名稱，就可知道該地方有什麼植物。' Below this is a search section titled '搜尋' with a search icon. It contains two input fields: '植物名稱(中文名或學名)' and '園名'. There are also checkboxes for '科名' and '通用名稱', and a '花園名稱' field. At the bottom of the search section are '搜尋' and '重置' buttons. On the right side, there is a map of the garden with a legend and a list of plants.



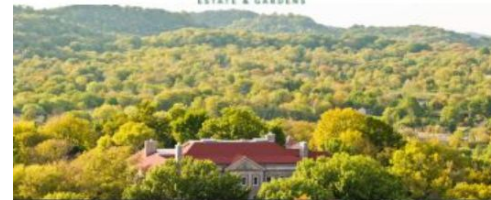


Links to Garden Explorers referenced



Cornell Botanic Gardens
Ithaca, New York, USA

[Cornell Botanic Gardens Explorer](#)
[| Features](#) (Slide 8)



Cheekwood Botanical Garden and Museum of Art
Nashville, Tennessee, USA

[Cheekwood Garden Explorer](#)
[| Donor Tree Opportunities](#) (Slides 9 + 19)



Norfolk Botanical Garden
Norfolk, Virginia, USA

[Norfolk Botanical Garden Explorer](#)
[| Butterfly Host Plants](#) (Slide 11)



The Daves Arboretum
Newark, Ohio, USA

[Daves Arboretum Explorer](#) | [Nature's Notebook Phenology Trail](#) (Slide 12)



Fairchild Tropical Botanic Garden
Coral Gables (Miami), Florida, USA

[Fairchild Tropical Botanic Garden](#)
[| Prehistoric Plants](#) (Slide 26)



Hortus Botanicus Amsterdam
Amsterdam, The Netherlands

[Hortus Botanicus Amsterdam Explorer](#)
[| Moninckx plants](#) (Slide 13)



Myriad Botanical Gardens
Oklahoma City, Oklahoma, USA

[Myriad Garden Explorer](#)
[| Scent-sational Leaves](#) (Slide 15)



Sheffield Botanical Gardens
Sheffield, United Kingdom

[Sheffield Botanical Garden](#) | [Summer](#)
(Slide 17)



Universiteit
Leiden

Hortus
botanicus
LEIDEN



Hortus Botanicus Leiden
Leiden, The Netherlands

[Hortus Botanicus Leiden](#) | [Audiotour Crown Jewels \(English\)](#) (Slide 25)



Botanische Gärten
der Universität Bonn



Bonn University Botanic Garden
Bonn, Germany

[Bonn University Botanic Garden](#)
(Slide 19)

Kadoorie Farm and Botanic Garden
Tai Po, Hong Kong

[Kadoorie Farm and Botanic Garden Explorer](#) (Slide 28)

