

# Seasons

A Newsletter of The Morton Arboretum

The Morton  
Arboretum



March/April 1999

Arbor Day, April 30

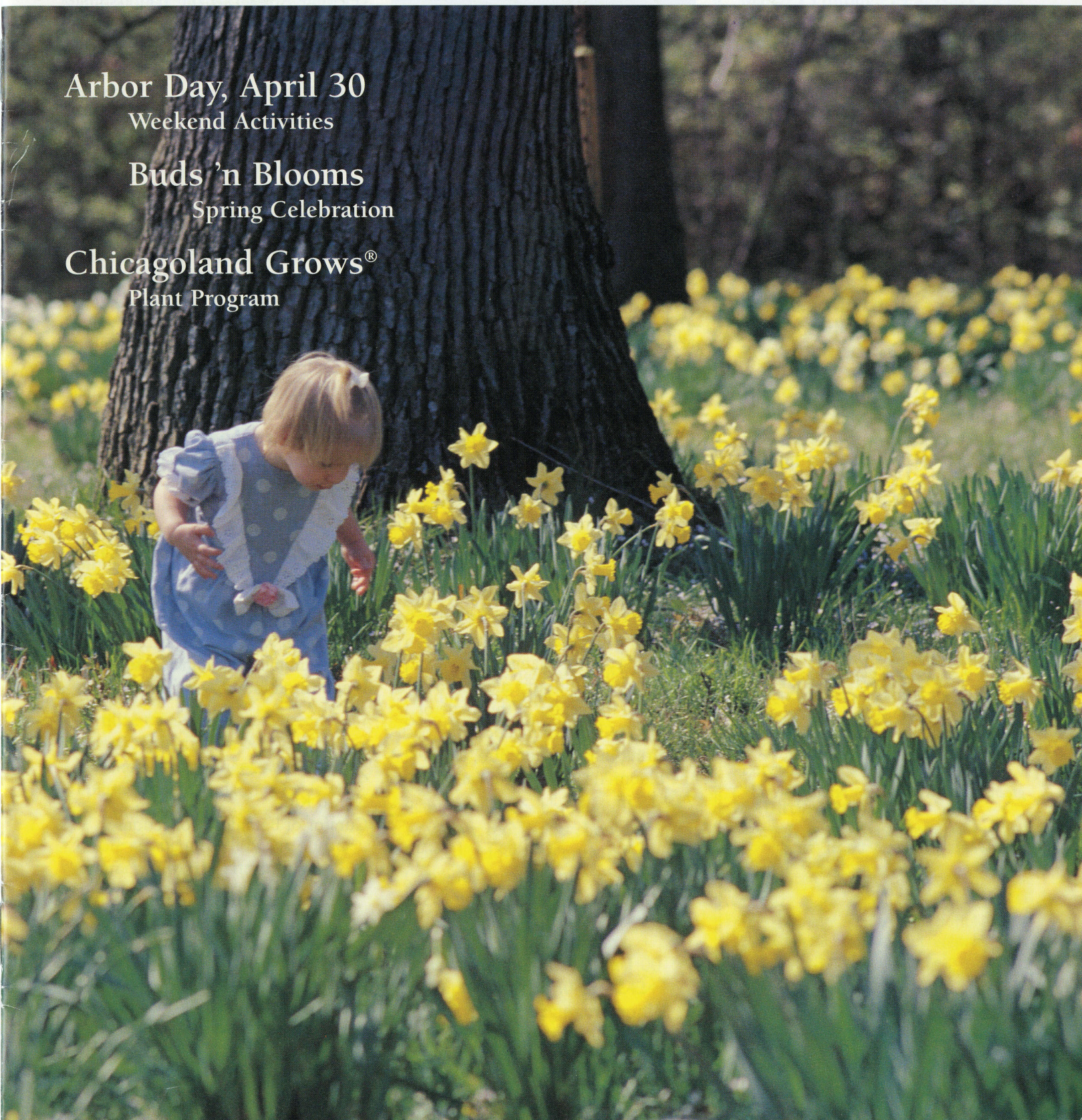
Weekend Activities

Buds 'n Blooms

Spring Celebration

Chicagoland Grows®

Plant Program





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*The mission of The Morton Arboretum is to collect and study trees, shrubs, and other plants from around the world, to display them across naturally beautiful landscapes for people to study and enjoy, and to learn how to grow them in ways that enhance our environment. Our goal is to encourage the planting and conservation of trees and other plants for a greener, healthier, and more beautiful world.*

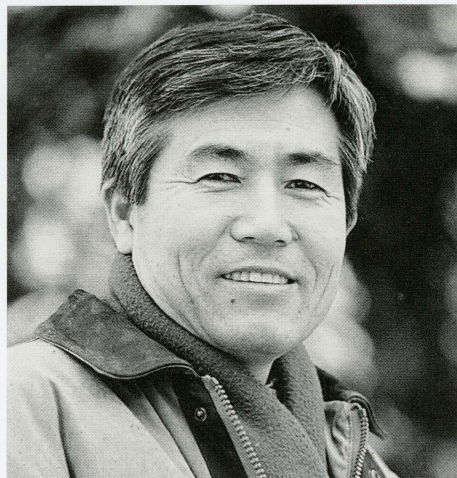
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Cover and page 2 photo by Rich Malec  
More than 200,000 daffodils bloom on the West Side in the spring.

## Letter from the Curator of Botanical Collections



Welcome to spring - or nearly spring - at The Morton Arboretum. As Curator of Botanical Collections, I hope you will join me during the next two months for Chicagoland's most beautiful display of spring flowering trees, shrubs, and wildflowers.

Beginning Saturday, March 27, and continuing through Arbor Day, you can enjoy Buds 'n Blooms, a free series of activities that focuses on the budding trees, blooming daffodils, and wildflowers that blanket the Arboretum's grounds and woodlands. Buds 'n Blooms activities change every week, so check the pull-out Calendar of Events in the center of this issue of *Seasons*. To learn more about the best flowering in the Arboretum, check the Bloom 'n Color Hotline at 630-719-7955.

Spring is also the time when we celebrate Arbor Day, our nation's first environmental holiday; this year, it falls on Friday, April 30. Arbor Day is deeply rooted at the Arboretum. In 1872, J. Sterling Morton, father of Joy Morton, who founded The Morton Arboretum, introduced Arbor Day as a time to celebrate and plant trees. Please join us for our Arbor Day Celebration - a full weekend of activities that includes the very popular Members' Plant Sale. For details, see pages 6-7 and 14-15, or check our web page, [www.mortonarb.org](http://www.mortonarb.org).

Beautiful spring days are also ideal for exploring the Arboretum's vast collections of trees, shrubs, and other plants, which are arranged according to their places of origin, their habitats, or their best uses in our Chicagoland landscapes and gardens. Within a short walk from the Visitor Center, you will find stately and attractive collections of mature trees that have come to the Arboretum via collecting expeditions to eastern Asia, Russia, and other distant locations.

Come! Enjoy! The Morton Arboretum is about to bloom!

Kunso Kim  
Curator of Botanical Collections



# Garden Calendar

Is your garden ready for the growing season? The vernal equinox, the official first day of spring, occurs on March 21. The Plant Clinic's advice for preparing your garden for spring and summer:

## March

- Wait until new growth is established before removing winter protection.
- Rake the lawn. Remove leaves, twigs, and debris.
- Check for winter snow and salt damage. Prune dead tips and broken branches.
- Before new growth begins, cut ornamental grasses back to a few inches.
- Avoid walking across saturated lawns and garden beds to prevent soil compaction.
- Remove tree wraps that were applied last fall.
- If you had problems with overwintering scale or other insects, spray trees with dormant (horticulture) oil before buds break and at temperatures above 40° (read label directions).
- If soil is dry, prepare new planting beds. Work organic matter and compost into the soil before planting.
- Fertilize trees and shrubs before new growth appears. A soil test will indicate a nutrient deficiency. Follow recommendations for fertilizer and pH adjustments.
- Before spring growth begins, prune summer-flowering shrubs.
- Wait to prune spring-flowering shrubs until after the flowers fade.
- Plan a hike through the Arboretum's East Woods and catch a glimpse of the early spring wildflowers. See the back cover for more information.

## April

- Replenish mulch around plants to a depth of three- to four-inches, keeping it away from trunks.
- Fertilize trees and shrubs before new growth appears. A soil test will indicate a nutrient deficiency. Follow recommendations for fertilizer and pH adjustments.
- Weather permitting, dig and move trees and shrubs prior to bud break.
- Review insects and diseases that gave you problems last year.
- Control apple scab on crabapple with a fungicide just as leaf buds begin to open. Spray should be repeated every 10- to 14-days until dry weather begins.
- If you had problems with overwintering scale or other insects, spray trees with dormant (horticulture) oil before buds break and at temperatures above 40° (read label directions).
- Avoid pruning oaks and elms between mid-April and mid-July.
- Divide and move perennials every three years to prevent them from overcrowding.
- Deadhead spring bulbs when they are done flowering; this directs energy back into bulbs.
- Discard tulips that only produced large leaves and no flowers.
- Plant a tree in celebration of Arbor Day! Bare root plants should be planted before new growth begins. Container plants can be planted later into the spring.

In March, visit the Plant Clinic Monday through Friday from 1:00 to 3:00 pm, or call **630-719-2424** to find out more. Beginning April 1, Plant Clinic hours are 1:00 - 4:00 pm.

## The Morton Arboretum 1999 Flower & Garden Show

Staff from the Arboretum share their expertise with visitors to the Chicago Flower & Garden Show, March 13 through 21 at Navy Pier in Chicago. Arboretum presentations take place daily at 1:00 pm.

### Saturday, March 13

*Ed Hedborn, Plants Records Manager*  
**Forever Green...Conifers for the Home Landscape**

### Sunday, March 14

*Tim Boland, Curator of Horticultural Collections*

### Spring Blooming Shrubs

### Monday, March 15

*John Sosnowski, Horticulturist*  
**Pruning 101...Trees and Shrubs**

### Tuesday, March 16

*Ron Picco, Horticulturist*  
**Four-Season Appeal...Plants For All Year**

### Wednesday, March 17

*Merrill McNicholas, Horticulturist*  
**Have I Got a Plant For You...Plants For Difficult Places**

### Thursday, March 18

*Karel Jacobs, Plant Pathologist*  
**Fungus Among Us...Common Diseases of Urban Trees**

### Friday, March 19

*Deb Seymour, Horticulturist*  
**Perennials for the Midwest**

### Saturday, March 20

*Doris Taylor, Plant Information Specialist*  
**Tips on Tree and Shrub Care**

### Sunday, March 21

*Gary Watson, Root Systems Biologist*  
**Planting 101...Trees & Shrubs**



## Plant Clinic Hours

### Weekday Afternoons

Visitors & Telephone Calls

**November 1 - March 31**

1:00 to 3:00 pm

**April 1 - October 30**

1:00 to 4:00 pm

**Arbor Day: April 30**

Visitors & Telephone Calls

10:00 am to 4:00 pm

**630-719-2424**

## Step-by-Step Gardening

The gardening know-how classes that we introduced in the last issue of *Seasons* continue in March and April. Classes are held Sundays from 1:00 - 3:00 pm in the Thornhill Auditorium.

Registration is \$9 per session; non-members are \$14. To find out more, contact the Arboretum Registrar at **630-719-2468**.

**April 11**

### Groundcovers for Every Situation

*Doris Taylor, Plant Information Specialist*

Groundcovers from A to Z.

**April 18**

### Spring Flowering Shrubs for Your Home

*Tim Boland, Curator of Horticultural Collections*

The sequence of bloom, mature size and cultural requirements of popular spring blooming shrubs.

**April 25**

### Small Ornamental Trees

*Kunso Kim, Curator of Botanical Collections*

The needs and most prized qualities of small trees.

## Plant Clinic Questions and Suggestions

**Q:** I have an eight-foot shade tree that was planted in the wrong place. I would like to move it to a better location.

**A:** Before moving any tree, it is important to consider that any tree taller than eight feet, or with a trunk larger than 2-inches in diameter, is difficult to move without special equipment. Considering one cubic foot of soil can weigh more than 100 pounds, be sure you can handle this job safely! If the tree is movable, the best time to move it to a new location is in the spring, while the plant is dormant. Moving a plant while it is actively growing will diminish its chance of survival.

Several days before digging, water the plant to ensure moist soil. Moist soil will hold together in a ball and adhere to the roots better than dry soil. Tie up any lower branches that might interfere with digging; do not cut them off.

### Digging:

- For every inch of trunk diameter, the root ball should be 12-inches across. Shrubs should be dug out to the drip-line of the plant.
- Dig a trench around the outer edge of your circle. The trench will be approximately 18-inches deep. Piling loose soil on burlap or plastic as you dig the trench will make clean-up easier.
- If many thick roots are encountered, move further away from the trunk. Small roots can be severed with your spade or cut with hand shears.
- When the trench is deep enough, work slowly to shave excess soil away from around the root ball. At this point, the plant should move

freely from side-to-side in its hole without resistance.

- Wrap and tie the root ball with burlap and twine.
- Before lifting the plant out of the hole, gently tip the ball over to one side, and sever any roots anchoring the plant to the soil. Lean the plant in the opposite direction; pull the burlap completely under the plant and secure.
- When removing the plant from the hole, it is important to transfer the tree with support under the root ball. Do not lift the plant by the stem or trunk.

### Replanting:

- Replant promptly.
- Dig the new planting hole no deeper than the root ball is high, but at least two to three times as wide. Loosening the surrounding soil will help roots reestablish more easily.
- Center and straighten the plant in the planting hole. Confirm that the branches are facing the direction you would like them to grow.
- Before backfilling with soil, cut away the top half of the burlap, or push it down into the hole.
- Refill the soil firmly around the root ball to help stabilize it, but do not compact it. Use extra soil to create a shallow saucer around the plant to direct water down into the root ball and prevent runoff.
- Water the tree well to settle the soil and fill air pockets.
- Apply a three- to four-inch layer of organic mulch around the plant to conserve moisture and control soil temperatures.
- Apply one-inch of water weekly throughout the growing season if rainfall has not been adequate. Do not over water.



# Care for Newly Planted Trees and Shrubs

Spring is the ideal time to add new trees and shrubs to your home landscape. However, to make sure your plants thrive for years to come, a little TLC (tree loving care) is necessary. According to the Plant Clinic, the secrets to healthy transplanted trees and shrubs include watering, mulching, staking, and pruning.

## Water

Watering is the most important after-care for trees and shrubs. A newly transplanted tree can dry out in only a day or two, even if surrounding soil is moist. Water deeply and regularly throughout the growing season, but take care not to over water. Established trees should be watered generously during periods of low rainfall.

## Mulch

A circular layer of organic mulch, three- to four-inches deep, with a diameter at least four times the root ball, will conserve moisture, moderate soil temperatures, and help to control weeds.

## Stake

In windy areas and until new roots stabilize the tree, staking may be required for one- to three-years. Avoid staking too rigidly. Inspect staking material regularly for tightness and damage.

## Prune

Prune only dead, broken, and crossing branches the first year. After the second growing season, prune young trees to maintain shape and spacing of lateral branches.

The Plant Clinic's other "TLC" tips include:

- Starting a regular plant inspection program to catch problems early.
- Fertilizing newly planted trees and shrubs is not recommended. Fertilizer is not plant food and should only be applied if a soil test detects a nutrient deficiency.
- Young trees with thin bark (e.g., maple) can be damaged by very cold weather or warm winter sun. In late fall, protect young trees by wrapping trunks with a commercial tree wrap. Remove the wrap in the spring.

To find out more about caring for newly planted trees and shrubs, visit or call the Arboretum Plant Clinic at 630-719-2424.

## Pruning Workshop

**April 3; 9:00 am - 12:30 pm**  
*Peter Linsner, Propagator, Donna Pluciennik, Horticulturist, and John Sosnowski, Horticulturist*  
Learn how to prune from Arboretum staff members. A discussion of pruning tools and techniques will be followed by work outdoors. Peter, Donna, and John will cover the specific techniques for pruning evergreens, deciduous shrubs and small trees. Most of the workshop will be outdoors, so dress for the weather.

Rooms A & B, Administration and Research Center. Members \$34; non-members \$43.

To register or for more information, call the Registrar at 630-719-2468.



Rich Malec

Apply mulch around newly planted trees and shrubs to conserve moisture, control weeds, and moderate temperatures.



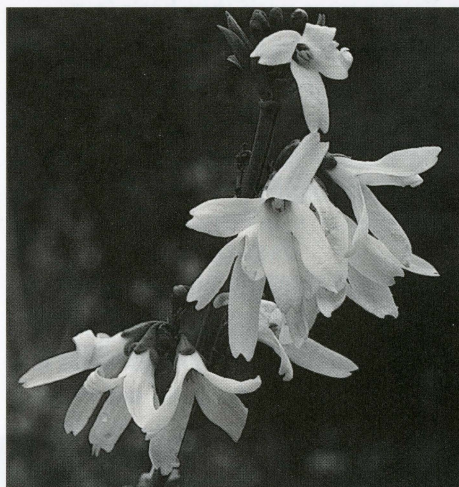
### Trees of the Month

■ Although it is a conifer, you will not find needles on the **March** Tree of the Month. Only later in the spring will the European larch (*Larix decidua*) produce its clusters of short, bright green needles. In fall, they turn a golden yellow before dropping. Through the winter, the yellow-brown stems give the tree a soft, feathery appearance. A closer look reveals stubby, scaly buds and small, egg-shaped cones. Attractive and interesting in every season, this native of central Europe is widely used as a screen or specimen plant in open areas. You can see a stand of these trees as you walk outside the Ginkgo Restaurant. Or from a window seat inside while enjoying lunch!

■ **April's** Tree of the Month, Ohio buckeye (*Aesculus glabra*), takes its name from its seed. Glossy and dark brown with a light center spot, it resembles a deer's eye. Other interesting features are the prickly pods that encase the seeds, the large palmate leaves, and the large clusters of greenish-yellow flowers that appear in May. Fall color is a beautiful, "pumpkin" orange. A native of the Midwest, including north central Illinois, this is a rounded, spreading tree with low, stout branches that sweep up at the tips. This habit, and its abundant fruit litter, make it best used in large, open areas. This specimen, one of many on our grounds, can be found in the entrance cloverleaf near the Gatehouse.

## 1999 Members' Arbor Day Tent Sale

The following are some of the plant varieties available at our 1999 Members' Arbor Day Tent Sale. These plants are available on Friday, April 30, and Saturday, May 1 on a first come, first serve basis and are not available for advanced order sales. Quantities are limited. In addition to the plants listed below, the Tent Sale will have over 100 varieties of trees, shrubs, vines, and perennial plants.



White-Forsythia

### White-Forsythia (*Abeliophyllum distichum*)

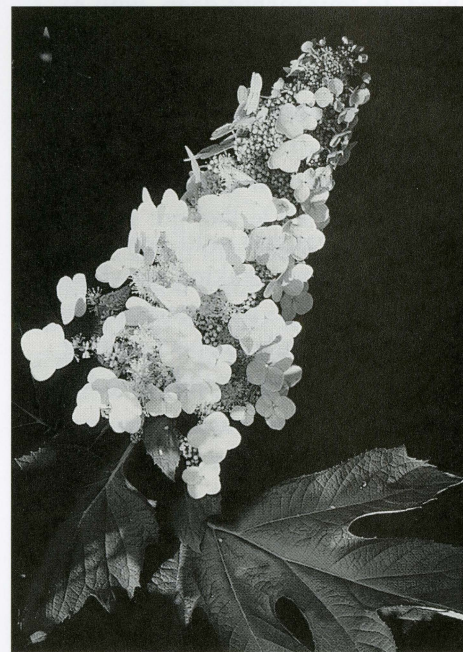
Resembling forsythia, *Abeliophyllum distichum* produces lovely, bell-shaped flowers in early spring before the leaves appear. This shrub is smaller than most forsythias and produces deep purple flower buds in autumn that open in early spring, transforming the plant into a mass of delightful, subtly fragrant, white blossoms. Native to Korea, it is quite hardy and has been grown at The Morton Arboretum since 1943. It is adaptable to most soils and prefers full sun or light shade. Cold hardy to USDA zone 5. Ultimate size: height three- to five-feet, equal spread.

### Oakleaved Hydrangea (*Hydrangea quercifolia*)

Oakleaved hydrangea is a shrub for all seasons. Large, showy, cone-shaped clusters of white flowers appear in early summer. The flowers become pinkish purple as they age, eventually turning brown and persisting into winter. Its large, dark green, oak-shaped leaves turn wine-red in autumn. Winter interest is provided by dried flower panicles and exfoliating cinnamon-brown bark that peels off in papery, light-brown strips. It prefers moist, well-drained soils and performs best in full sun or part shade. Mulch Oakleaved hydrangea after planting to provide it with a cool, moist rooting environment.

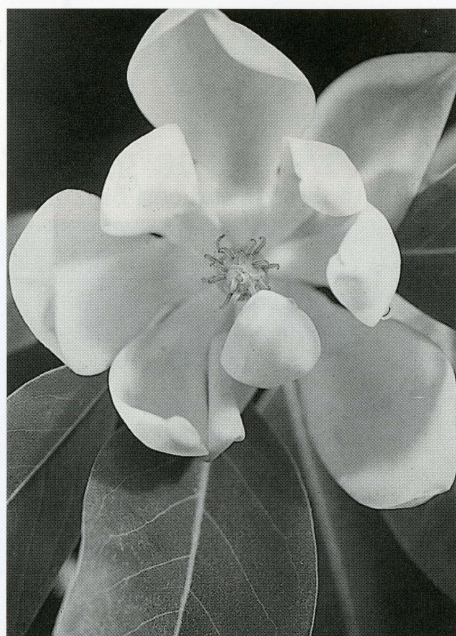
Cold hardy to USDA zone 5

Ultimate size: height four- to six-feet, spread three- to five-feet



Oakleaved hydrangea





*Sweetbay magnolia*

## Sweetbay Magnolia

(*Magnolia virginiana*)

Sweetbay is a small, multi-stemmed tree that is especially beautiful when its sweet-scented flowers are opening. In late May, sweetbay starts blooming, producing creamy-white, lemon-scented flowers that are about three-inches in diameter; these flowers sometimes continue to appear until September. Its handsome foliage is glossy, deep green on top and silvery beneath. It makes a graceful, small patio or specimen tree. In the wild, it grows and thrives in wet, swampy locations. However, it does not require such conditions and will grow well in drier soils, preferring a moist, acidic soil. It grows best in full sun or part-shade.

Cold hardy to USDA zone 5

Ultimate size: height 10- to 20-feet, almost equal spread

## Wherry Foamflower

(*Tiarella cordifolia* var. *collina*)

The Wherry foamflower is a charming woodland perennial that forms mounds of neat, heart-shaped foliage that turns red in cold weather. Slender spikes of pink-tinged, starry flowers appear in the spring and last through early summer. Its foliage remains beautiful after flowering. It is native to eastern North America and prefers light shade and moist, organic soils.

Cold hardy to USDA zone 3

Ultimate size: height 12-inches, equal spread

The Members' Arbor Day Plant Sale and Tent Sale are privileges of Arboretum membership. To join the Arboretum, call Membership Services at 630-719-2453.



*Wherry foamflower*

## Shrubs of the Month

■ Dwarf Japanese yew (*Taxus cuspidata* 'Nana') is the Shrub of the Month for **March**. Japanese yew is the hardiest and most adaptable of the yew species for use in our area. 'Nana' is an especially winter-hardy dwarf cultivar. It is also tolerant of urban pollution and has few serious insect pests or diseases. Like most yews, it is long-lived. Although other yews are among the best formal hedge materials, 'Nana' is better left unshaped, retaining its natural shape. It is a low spreading shrub, with a dense mass of lustrous, deep green foliage. The broad, fleshy needles form a V-shape in a cross-section of the stem. You will find 'Nana' along the walk on the west edge of the Visitor Center.

■ **April's** Shrub of the Month is clove currant (*Ribes odoratum*), which by mid-month will delight you with the spicy fragrance of its flowers. The blossoms are bright yellow, often with red centers. The coarse, three- to five-lobed, blue-green leaves generally drop early in fall, after briefly turning yellow or yellow-red. This is a colony-forming shrub with a loose, open habit. It is best used in shrub borders or in open, naturalized settings. It is native from Minnesota south to Texas. Enjoy the aromatic blooms of this shrub in a very appropriate location – the Fragrance Garden near the Thornhill Education Center.



## Early Flower Power: The Vernal Witch-hazel

Early spring is a time of awakenings at the Arboretum. As we wait patiently for the harbingers of spring, the first snowdrop or winter aconite, most woody plants remain in a quiet, restful state until warm temperatures stir them back to life. One shrub that defies the cooler temperatures and puts forth a cheerful, early bloom is the vernal witch-hazel (*Hamamelis vernalis*).

A curious North American plant, this large shrub unfurls its delicate flowers as early as late February in warmer years, but more typically early- to mid-March in the Chicagoland area. Each individual flower has four, ribbon-like petals that open during the

warmth of the day and curl back up when cold temperatures return. This unique, antifreeze device can prolong the flowering period for up to three weeks. The flower color varies from yellow to orange-red and is accompanied by a unique, pleasant fragrance. A mature specimen in full bloom is a refreshing sight on a clear, sunny day.

While the vernal witch-hazel garners its common name from its early flowering habit, it is no slouch the remainder of the year. After flowering, the emerging spring leaves have a bronze tinge and eventually turn an attractive dark green. The large, scalloped leaves turn a beautiful yellow fall color when plants are placed in



photos by Kris Bachtell



full sun. Another interesting feature of the vernal witch-hazel is the ability to energetically disperse its seeds. After maturing for nearly a year on the plant, seeds ripen and explode out of their capsules, often finding a new home some distance from the parent plant.

The vernal witch-hazel is native to the Ozark region of Missouri and Arkansas to Oklahoma. It grows on gravelly soils along stream banks and reaches a height of 15-feet or more. In the Chicago region, the vernal witch-hazel has proven to be a hardy and durable shrub, reaching a height of six- to ten-feet with an equal spread. It tolerates clay and alkaline soils, which are common in our area. For healthy growth, adequate moisture is critical. Plants placed in drought situations respond poorly, showing slow growth and an overall lack of vigor. To keep your plant growing well, place it in full sun to partial shade, and water during drought periods.

Due to its unique, early flowering habit and wonderful, year-round attributes, the vernal witch-hazel is a featured plant in many areas at the Arboretum. Some of the best specimens can be found in the Ozarks and Eastern U.S. Wetlands Collections. A red-flowering form, *Hamamelis vernalis* f. *carnea*, can be found in the Ground Cover Garden. In addition to the red flower color, this form features outstanding orange-red fall color late in the season.

Take time to visit the Arboretum this month to see the early spring blooms of the vernal witch-hazel as it welcomes in the new season.



### Display

- Six- to ten-feet tall, multi-stemmed, with an upright, rounded habit
- Excellent as a single specimen or planted in mass
- Early colorful flowers set off by a backdrop of evergreens
- Cut branches in January can be forced in a vase indoors
- Excellent, dark green summer foliage followed by attractive, yellow fall color

### Conditions

- Performs best in full sun or partial shade
- Prefers moist soils, tolerant of clay and high alkalinity

### Care

- Transplants well when balled and burlapped or from a container
- Water well in drought periods
- Maintain the plant's natural form by selectively thinning out older wood after flowering



To discover more about this early bloomer, visit the Sterling Morton Library. Good references include *Large Flowering Shrubs for the Midwest* by Morrissey & Giles and *Landscaping with Native Trees* by Guy Sternberg and Jim Wilson.



## Professional Seminar

For landscape professionals interested in last month's INNOVATIONS article "Let it Snow! Arboretum Researchers Study Plant Hardiness", the Arboretum is offering a class entitled Winter Dormancy and Spring Emergence.

Dr. Abbas Shirazi, Research Horticulturist at The Morton Arboretum, and Dr. Fred Miller, University of Illinois Extension Service, teach about the triggers that cause a plant or insect to become dormant in the fall, adopt overwintering survival techniques and then emerge in the spring. Dr. Shirazi and Dr. Miller will discuss their research into dormancy cues, cold hardiness, overwintering strategies, and spring emergence of both plants and insect pest populations. You will see demonstrations in the research lab of supercooling impacts and see examples on the Arboretum grounds of seasonal responses. The focus of the class will be on using this information for prediction and management.

The class will be held Thursday, April 15 from 9:00 am to 4:00 pm and Friday, April 16 from 9:00 am to noon in the Administration and Research Center Botany Lab. The registration fee is \$142, which includes break refreshments and a box lunch on Thursday. Contact the Registrar at 630-719-2468 to register or for more information.

## Dreaming of the Perfect Pear Tree

### Superb Street Tree

The flowering of ornamental Callery pears in mid- to late April is a welcome milestone toward the coming of spring. Callery pears, the unofficial street tree of Naperville, are commonly planted in many downtown settings. Its popularity is due in part to its being a reliable street tree; it tolerates a variety of soils (including clay and alkaline conditions), pollution, and considerable amounts of shade.

Despite these superior traits, Callery pears have their weaknesses, many of which can be traced to the fact that one selection was used almost exclusively for many years. The cultivar (or clone) named 'Bradford' tends to form many branches close together on the main trunk and has narrow branch angles. Even before trees reach maturity, major branches often break away from the main trunk due to wind, ice, or merely their own weight.

Since this disadvantage was identified, a number of improved cultivars of Callery pear have become available. Many of the newer cultivars are descendants of 'Bradford' and have inherited its profuse white flowers, shiny, dark green leaves, small fruits, and outstanding yellow to scarlet fall color. Some of them, such as 'Chanticleer', were selected for their narrower shape, which makes them suitable for planting sites with limited space. Another, 'Autumn Blaze', is more winter hardy, and develops its fall color earlier.

Although each cultivar is enhanced in one or two traits, the optimal combination of traits has not yet been attained. One weakness shared by many cultivars is that they do not develop their autumn hues until November and many freeze while still green. Thus, their fall color display is missed entirely.

Also, flowering occurs at the same time as the Saucer magnolia, which many gardeners will recognize as prime time for late spring frosts. This misalignment with our seasons and frosts is explained by the fact that the seed source for 'Bradford' Callery pears and many of the other selections was from near Nanjing, China (Dirr, 1990). Nanjing's winter temperatures never fall below 0°F, and it enjoys a much longer frost-free growing season than we do.

### An Unimpeachable Pear Tree

Dr. Susan Wiegrefe, The Arboretum's Tree Breeder, has great optimism about the chances of further improving this already desirable tree through breeding and selection. The collections of The Morton Arboretum contain about fifteen different species of pears. Some of these species contain the traits we desire for Callery pear.

At the Arboretum, records have been kept on bloom dates for the last 20 years. The average bloom date for some species, most notably the Korean pear (*Pyrus calleryana* var. *fauriei*), is a week to ten days later than the Callery pear. Another northern species, the Ussurian pear (*P. ussuriensis*), flowers earlier than the Callery pear, and yet it does not seem as affected by frosts.

In terms of fall color, on November 6, Dr. Wiegrefe visited all the pears and noted the percent of their leaves that were still green, colored, or already dropped. Every leaf of the 'Bradford' Callery pears was still green. 'Autumn Blaze' Callery pear, Korean pear, Ussurian pear, and European Common pear (*P. communis*) were at least 80 percent colored or already dropped.





Dr. Wiegrefe at work on the Arboretum grounds.

## Completing the Puzzle

The final puzzle piece that makes the plan to breed a more desirable pear tree even more achievable is that pear species form hybrid seed rather easily. Since 1997, Dr. Wiegrefe and her research assistant have collected unopened flower buds from most of the pear types. The buds are placed in a warm place to finish opening, and the pollen is collected. The pollen is dabbed onto the sticky center stigma of newly-opened flowers on an Arboretum tree that possesses the characteristics Dr. Wiegrefe wants to combine with the “pollen parent’s” traits. The tree that receives the pollen and bears the fruit is called the “seed parent”.

The pollinated flower remains on the seed parent and is covered with a white bag to insure that bees do not bring any unwanted pollen. The flowers develop into fruit, which are collected when ripe. The fruits, although they grow on the seed parent, contain seeds that have a combination of both parents’ genes. The seeds germinate and are grown in greenhouses for eighteen months. The plants are then

moved outside, but are protected from the environment. The plants go into the ground the following summer.

## Future Developments

Some characteristics, such as disease-resistance and how early the tree drops its leaves, can be determined the first year. Others, such as flowering habits, can take up to seven years. Over the next ten years Dr. Wiegrefe will observe which “children” get leaf or twig diseases, show consistently good, early fall color, suffer frost damage while in bloom, and develop strong branch angles and more symmetrical forms.

As with any group of offspring, Dr. Wiegrefe expects different amounts of the parental traits in each of the “children”. This variability is why she may need to screen hundreds of plants in order to find a few choice individuals. It may be decades before we know if any one of the current seedlings, or their offspring, possess more desirable traits than any selections currently available from nurseries.

## Where to find notable pears in The Morton Arboretum:

**Ussurian pear.** The largest specimen in the nation grows on the bank of the DuPage River in the China collection. Another individual that has very tasty fruit is growing in the middle of the road loop between the visitor center and Illinois Route 53.

**Korean pear.** This hardy pear is small and sometimes spiny. Specimens can be found on the south end of Meadow Lake.

**‘Bradford’ Callery pear.** Grows in the Rose Family collection west of Crabapple Lake.

## Literature cited:

Dirr, M.A. 1990. *Manual of Woody Landscape Plants: Their Identification, Ornamental Characteristics, Culture, Propagation, and Uses*. Stipes Publ. Co.: Champaign, IL. 1007 pp. This book is available in the Sterling Morton Library.



Here are just a few Chicagoland Grows® plants and where you can view them at the Arboretum. Watch for additional Chicagoland Grows® plants in future issues of *Seasons*.

***Acer x freemanii* 'Marmo'** (**Marmo Freeman Maple**) can be seen near the west side of Lake Marmo; another can be found near Parking 19 on the east median. Characteristics include a vigorous growth rate, a strong central leader, excellent branching character, and a uniform, upright habit. Fall color is an interesting mottled blend, ranging from combinations of red and green, to burgundy, yellow and gold. The parent tree measured 70-feet in height with a 35-foot spread.

***Viburnum dentatum* 'Synnestvedt'** (**Chicago Lustre® Arrowwood Viburnum**) was selected for its upright-rounded habit and glossy, dark green foliage. Creamy white flowers appear in mid- to late-June, followed by ornamental clusters of blue-black fruit in autumn. It grows ten- to twelve-feet in height with an eight- to ten-foot spread in ten years. Eight shrubs can be found on the north side of the Fragrance Garden across from Parking 19.

***Acer miyabei* 'Morton'** (**State Street® Miyabe Maple**) was selected for excellent branching character, a uniform broad-pyramidal habit, excellent heat and drought tolerance, clean foliage, and good, yellow fall color. One can be found along the west side of lower Joy Path; two others are on the east side of parking 19, one near the Shelter. The parent tree measures 60-feet in height with a 50-foot spread at the base.

## Introducing Improved Plants

*The Morton Arboretum, the Chicago Botanic Garden and the Ornamental Growers Association of Northern Illinois work in harmony to decorate your landscape.*

### Groundbreaking

March 1999 marks the 13th anniversary of an exciting plant introduction program named Chicagoland Grows®. Although you may not be familiar with the name, the program is busy selecting, evaluating, producing, and marketing new cultivars to beautify landscapes in the Upper Midwest.

In 1986, the Chicago Botanic Garden began discussions with The Morton Arboretum and the Ornamental Growers Association of Northern Illinois (OGA) about developing a plant introduction program for the Chicago region. Following a series of meetings, Chicagoland Grows®, Inc., was established.

The unique collaboration combines the resources and research facilities of the two botanical institutions with the experience of the OGA's 19 nurseries, known for their diverse inventories of quality plants. The three organizations complement each other admirably. The two gardens have horticulturally diverse plants in their collections, many of which are unavailable to the general public; the OGA's nurseries understand the types of plants that will succeed in the marketplace.

### Earning the Chicagoland Grows® Name

In order for a plant to be considered by the Program, its origin, history, and general characteristics must be documented. If a plant is approved, it is propagated for initial distribution to a network of ten regional "Evaluation Cooperators".

Each new plant released from the Chicagoland Grows® program is tested throughout the United States, particularly in Illinois, Iowa, Minnesota, Wisconsin, and North Dakota. The plants are tested under a variety of conditions and are evaluated by plant professionals for such attributes as reliable ornamental characteristics, cold-hardiness, drought tolerance, and resistance to insects and diseases.

Upon completion of the evaluation phase, plants are distributed to the producers to determine propagation methods for large-scale production. Liners produced by these nurseries are then sold to OGA member nurseries and licensed growers.

### Forecast for Growth

Breeding programs of herbaceous perennials have been established at the Chicago Botanic Garden, and the woody plant breeding program at The Morton Arboretum has expanded to include small stature trees suitable for street and parkway plantings. Another important component of long-term goals involves the selection and introduction of new plants from collecting trips. The Morton Arboretum participated in a trip to Siberia and several trips to China. The Chicago Botanic Garden participated in the trip to Siberia and trips to South Korea and Far East Russia.

The ultimate goal of Chicagoland Grows® is to enhance the landscapes of the Midwest by making these uncommon, but desirable groundcovers, perennials, trees, and shrubs available to the public.



## Buds 'n Blooms

Guided walking tours, bird walks, flower arranging, bulb planting demonstrations, hands-on family projects, special presentations - you can find all these and more during our Buds 'n Blooms spring festival. Beginning Saturday, March 27 and continuing through Wednesday, April 28, the Arboretum will be brimming with programs and activities. Check for details in the Calendar of Events to plan your visits.

Plant Clinic hours will also be extended during this special celebration. Our experts will be available on Saturdays from 10:00 am - 4:00 pm and Sundays from noon - 4:00 pm.

Map out your drives and walks through the Arboretum during Buds 'n Blooms - and all year - by calling our Bloom 'n Color Hotline at **630-719-7955**. Daily updates will highlight the best blooms in the Arboretum.



The Morton Arboretum archives

*More than 200,000 daffodils bloom on the West Side in the spring.*

## Project Millennium

Project Millennium is an ambitious undertaking to "bring the citizens of the City of Chicago, State of Illinois, the Midwest, and beyond together with the area's exceptional institutions of learning and artistry, for a year-long exchange of ideas, conversation, and celebration." The Arboretum is participating in Project Millennium, along with nearly 200 other regional institutions and organizations, to deliver special programs and activities com-

plementing the Project Millennium theme. Details of activities are available in the March/April pull-out Calendar of Events.

We look forward to being a part of this special initiative with so many other wonderful organizations. We hope you will join us by participating in one or many of the Project Millennium programs throughout the year.

## Construction Update

Watch for construction of the new Special Collections Library and the renovated entrance to the Administration and Research Center. The Special Collections addition to the Sterling Morton Library will provide the best possible environment for the Arboretum's noted rare book and botanical art collections. The new entrance to the Research, Library, and Administration buildings will make these facilities more accessible to all our visitors.

During the construction process, access to the Sterling Morton Library and the Administration and Research Center will be altered. Patrons are asked to enter the library through the May T. Watts Reading Garden on the library's east side. Entrance to the Administration and Research Center will be available through the doors at the east end of the research wing. Routes to all building entrances will be clearly marked for your convenience.

The Sterling Morton Library and the Research and Administration Center will remain open during much of construction, with periodic closings as necessary. For the latest information on Library hours, call **630-719-2427**.



### Membership Services

For more information about your membership benefits and gift memberships, call 630-719-2453.

### Arboretum Hours

**Grounds:** Daily, November 1 - April 3, 7:00 am to 5:00 pm or dusk;  
April 4 - October 31, 7:00 am - 7:00 pm or dusk

**Visitor Services, Ginkgo Gift Shop and Coffee Shop:** 9:00 am to 5:00 pm daily

**Ginkgo Restaurant:** 11:00 am to 3:00 pm daily

**Sterling Morton Library:** Tuesday - Friday, 9:00 am to 5:00 pm; Saturday, 10:00 am to 4:00 pm

### May we help you?

Administration Reception	630-968-0074
General Information & Events (24-hour recording)	630-719-2400
Visitor Services & Special Events	630-719-2465
Bloom 'n Color Hotline	630-719-7955
Education Program Registrar	630-719-2468
Membership Services	630-719-2453
Volunteer Opportunities	630-719-2443
Development/Fundraising	630-719-2441
Ginkgo Restaurant	630-719-2457
Ginkgo Gift Shop	630-719-2454
Sterling Morton Library	630-719-2427

## Arbor Day Insight

### An interview with Gerry Donnelly, Executive Director, The Morton Arboretum

*What type of impact has Arbor Day made on the landscape of the nation?*

In addition to the primary goal of planting trees, Arbor Day is designed to encourage a greater awareness and respect for trees, to encourage the care and conservation of our important mature trees, to nurture those that are being established, and to protect those that create the framework for nature in many of our natural lands. I believe that there is now an unprecedented level of public awareness and appreciation of trees and the many values they provide to the communities in which we live and work.

*Politicians, students, and staff of arboreta/public gardens seem to be the primary celebrators of Arbor Day. What can be done so that more people commemorate the day?*

I think its very fine that students have always been central to Arbor Day celebrations. Generations of tree planting young people have become adult citizens in positions to help achieve the Arbor Day goals of planting and caring for our trees and the environment.

The Morton Arboretum and other arboreta and botanical gardens are working more than ever to promote the essential value of trees and other plants to people. At The Morton Arboretum, the principles of Arbor Day are central to our mission; we are strengthening our focus on Arbor Day and the promotion of its special message.

*Share your opinion of why people are so emotionally attached to trees.*

Very practically speaking, the loss of trees in places like the Ravenswood



Rich Malec

area changes the character of our communities. Trees add charm and beauty, they buffer the extremes of our environment, they purify our air, they add value to our property, they host and support wildlife, and provide countless other values.

For me, trees provide an anchor in the continuum of time. My son Parker and I love the tree we planted in the spring when he was born, just as I love the trees we planted in the neighborhood of my youth, and the trees that I had a hand in planting over the years. I proposed to my wife Pam beneath a beautiful old katsura tree, under which we were later married. We planted a katsura in our yard when we moved here, and it is very dear to us now.

For all that trees provide us now, and for the promise they hold for future generations, I would like to encourage us all to plant trees, and to protect and care for them, for a greener, healthier, and more beautiful world!



# Celebrate Arbor Day at the Arboretum!

**"Other holidays repose on the past; Arbor Day proposes for the future."**

*J. Sterling Morton, Founder of Arbor Day and father of Joy Morton, Founder of The Morton Arboretum*

**April 30, May 1, and May 2  
11:00 am - 4:00 pm**

April 30 marks the 127th anniversary of Arbor Day. Founded in 1872 by J. Sterling Morton, Joy Morton's father, Arbor Day is the original environmental holiday. Each state celebrates Arbor Day; in Illinois, it is always the last Friday of April.

The Arboretum's celebration of Arbor Day extends through Sunday, May 2. We will offer scavenger hunts, tree-related crafts, entertainment, and demonstrations on planting and caring for trees. And, every child takes a free tree seedling home to plant for the future!

Bring your home landscape and tree care questions to our Plant Clinic on Friday and Saturday from 10:00 am to 4:00 pm and Sunday from noon to 4:00 pm. Nature lovers and tree enthusiasts can enjoy a self-guided tour of the Arboretum's unique trees. Our Acorn Express open-air tram will provide 50-minute trips around our 1,700 acres.

Several official tree planting ceremonies will also be a part of the celebration at the Arboretum and at special locations in DuPage County and the City of Chicago. School children and community leaders will participate in this celebration of trees. For details, call us at **630-719-2465**.



Peggy VaGenius

You may also want to consider signing up for a tree-related education program or two. On April 25, the Sunday before Arbor Day, the Step-by-Step Gardening class "Small Ornamental Trees" will be taught by Kunso Kim, the Arboretum's Curator of Botanical Collections. Kunso will review a selection of small trees, their needs, and their most prized qualities, including flower, fruit, unique branching habits and interesting foliage.

Scott Mehaffey, Landscape Architect at the Arboretum, will present the Step-by-Step Gardening class "Selecting a Shade Tree" on May 2. This class is perfect for homeowners who would like to plant a tree in the yard — but which tree, and where do you plant it? Scott will review the various characteristics of popular shade trees and discuss placement of the tree in relation to your house. Contact the Registrar at **630-719-2468** to register or for more information about either class.

## Members' Survey

By filling out this short survey, you will be entered in a drawing for a one-year family membership. The survey will change every issue, so enter often!

Please rank the answers by importance (0=never; 5=very often).

**What local publications do you read regularly?**

- \_\_\_ Chicagoland Gardening
- \_\_\_ Chicago Parent
- \_\_\_ Valley Kids
- \_\_\_ The Sun
- \_\_\_ Reporter Progress
- \_\_\_ Daily Herald
- \_\_\_ Chicago Tribune
- \_\_\_ Chicago Sun-Times
- \_\_\_ The Weedpatch Gazette
- \_\_\_ Midwest Living
- \_\_\_ Association publication

\_\_\_ (Other) \_\_\_\_\_

**What national publications do you read regularly?**

- \_\_\_ Horticulture
- \_\_\_ Fine Gardening
- \_\_\_ Parents
- \_\_\_ Parenting
- \_\_\_ Association publication

\_\_\_ (Other) \_\_\_\_\_

\_\_\_\_\_  
Name

\_\_\_\_\_  
City, State

\_\_\_\_\_  
e-mail address

Age (optional):

- \_\_\_ 25 & under      \_\_\_ 40-55
- \_\_\_ 26-39            \_\_\_ 56 & above

Number of children (optional):

- \_\_\_ 0                    \_\_\_ 2-3
- \_\_\_ 1                    \_\_\_ 4 or more

**Please mail your survey to:**

Attn: Marketing Manager  
The Morton Arboretum; 4100 Illinois  
Route 53; Lisle, IL 60532-1293;

Drop boxes are also available at the Gatehouse, Visitor Center, and Administration building.





### Trail Worth Trying

Spring wildflowers occur frequently on the east side of the Arboretum from late March through May, depending on the progress of the season. To enjoy a breathtaking variety of wildflowers, we recommend a trail that begins on the east side of Parking 7 (P7). The path soon crosses the road and continues along a ravine among white and bur oaks. The colorful

show opens with hepatica, spring beauty, bloodroot, and toothwort. The splendor continues for several weeks as red and white trillium, trout lilies, Dutchman's breeches, Virginia bluebells, mayapple, wild ginger, and many other wildflowers reach a crescendo of spring flowering. For a shorter walk, you may want to turn back on the path when you reach the

inner loop road. You can also return to P7 by turning right on the inner loop and turning right again when you reach the main road. If you enjoy longer walks, continue on the path across the inner loop road, pass the spruce plot and follow the path to the main east side road. A splendid vista will surely greet you, whichever path you choose!



4100 Illinois Route 53  
Lisle, IL 60532-1293

DATED MATERIAL —  
PLEASE EXPEDITE DELIVERY

Non-Profit  
Organization  
U.S. Postage  
**PAID**  
Permit No. 7  
Lisle, Illinois



# Special Events & Activities

Spring at the Arboretum





# March

## 7 Sunday

### *Leafing Through the Arboretum*

Behind the scenes tour of the Arboretum  
Adults and children 6+  
Meet at Visitor Center  
1:00-1:45 pm

### *A Special 300th Birthday Celebration*

John Bartram explored Florida, Georgia, and the Carolinas and established the first botanical garden in the United States. Program will include talks, art and plant displays, plus hands-on activities for children.

All ages  
Founder's Room, Thornhill Education Center  
2:00-4:00 pm

## 14 Sunday

### *Story Time*

Stories about animals and springtime  
Ages 4-10  
Ginkgo Restaurant  
3:30-4:00 pm

### *Thinking Spring - Bud Walk*

A guided walk through the Arboretum  
Adults and children 6+  
Meet at Visitor Center  
2:00-2:45 pm

### *Snakes Alive*

Learn more about snakes by viewing live snakes and asking questions about this often misunderstood creature.  
All ages  
Horticulture Lab, Research Center  
1:00-3:00 pm

## 21 Sunday

### *Looking at Spring Bloomers with Floyd Swink*

Floyd Swink, Taxonomist Emeritus, will show slides of local wildflowers that are beginning to bloom.  
Adults  
Thornhill Auditorium  
2:00-2:45 pm

### *Animal Birthday Party Celebration - Spring is Here! Egg Pinata(s)*

Join us to celebrate the first day of Spring by breaking a pinata in honor of the animals who are born this time of year. Hands-on projects will be available to participants of all ages.  
All ages  
Outpost or Shelter (weather permitting)  
3:00-3:30 pm

## 23 Tuesday

### *Dollar Discovery Day*

Dollar specials in Gift Shop, Coffee Shop, and on Tram Tours  
Admission only \$1

### *Guided Walk*

Guided walk through the Arboretum  
Adults and children 6+  
Meet at Visitor Center  
2:00-2:45 pm

## 28 Sunday

### *Pollination: The Reproductive Story of Plants*

Lynn Hepler, Lake County Forest Preserve, presents a humorous slide presentation that explores the intricate and sneaky ways plants get animals to do their bidding. Bribes, fraud, sex, and death are all part of plants' schemes.  
Adults and children 10+  
Thornhill Auditorium  
2:00-2:45 pm

### *Story Time*

Stories about springtime flowers  
Ages 4-10  
Ginkgo Restaurant  
3:30-4:00 pm

## 31 Wednesday

### *Guided Walk*

45-minute guided walk through the Arboretum  
Adults and children 6+  
Meet at Visitor Center  
12:15 and 2:00 pm

### *Spring Discovery Stations*

(See Buds 'n Blooms calendar on reverse side)





# April

## 3 Saturday

### *A Look at Pond Life*

Telescope viewing of water fowl and other water creatures  
Adults and children 6+  
Crabapple Lake, East Side  
10:00-Noon

## 4 Sunday

### *Leafing Through the Arboretum*

Behind the scenes tour of the Arboretum  
Adults and children 6+  
Meet at Visitor Center  
1:30-2:15 pm

## 7 Wednesday

### *Guided Walk*

45-minute guided walk through the Arboretum  
Adults and children 6+  
Meet at Visitor Center  
12:15 and 3:00 pm

### *Spring Discovery Stations*

(See Buds 'n Blooms calendar on reverse side)

### *Hydrangeas for the Home Landscape*

Kris Bachtell, Director of Collections and Grounds, discusses the Hydrangeas for local landscapes. Learn how to buy, grow, and use Hydrangeas for big impact in your home garden!  
Adults  
Thornhill Auditorium  
2:00-2:45 pm

## 11 Sunday

### *Story Time*

Stories about springtime flowers  
Ages 4-10  
West Side, near Daffodil Glade  
3:30-4:00 pm

## 14 Wednesday

### *Guided Walk*

45-minute guided walk through the Arboretum  
Adults and children 6+  
Meet at Visitor Center  
12:15 and 2:00 pm

### *Spring Discovery Stations*

(See Buds 'n Blooms calendar on reverse side)

## 15 Thursday

### *Dollar Discovery Day*

Dollar specials in Gift Shop, Coffee Shop, and on Tram Tours  
Admission only \$1

### *Guided Walk*

45-minute guided walk through the Arboretum  
Adults and children 6+  
Meet at Visitor Center  
12:15 and 2:00 pm

### *Spring Discovery Stations*

(See Buds 'n Blooms calendar on reverse side)

## 17 Saturday

### *Tram Rides*

(See Buds 'n Blooms calendar on reverse side)  
12:00, 1:15, 2:30, 3:45 pm



Kitty Kohout

## 21 Wednesday

### *Guided Walk*

45-minute guided walk through the Arboretum  
Adults and children 6+  
Meet at Visitor Center  
12:15 and 2:00 pm

### *Spring Discovery Stations*

(See Buds 'n Blooms calendar on reverse side)

## 24 Saturday

### *Guided Walk with Floyd Swink*

Adults and children 6+  
Meet at Visitor Center  
2:00-2:45 pm  
Reservations are encouraged; call 630-719-2465.

## 25 Sunday

### *Bird Walk*

Imagine that you are "south of the border." Stop to look for visiting warblers and other migrating birds as they head north to their summer vacation homes.  
Adults  
Meet at Visitor Center  
8:00-9:30 am



### ***Saving Natural Diversity for the Future\****

Experience a living exhibit of the vegetation that greeted the American pioneer, and see a part of Illinois living history. Forty-five minute guided tours of restored natural areas at the Arboretum include:

#### ***Heritage Trail Walk***

All ages

Meet at Parking 14

11 am, Noon, 1:00 and  
2:00 pm

#### ***Schulenberg Prairie Tour***

All ages

Meet at Parking 25

11 am, Noon, 1:00 and  
2:00 pm

### **28 Wednesday**

#### ***Guided Walk***

45-minute guided walk through the Arboretum

Adults and children 6+

Meet at Visitor Center

12:15 and 2:00 pm

#### ***Spring Discovery Station***

(See Buds 'n Blooms calendar on reverse side)

### **30 Friday**

#### ***Members' Arbor Day Plant Sale***

through May 1

Arboretum East Side

10:00 am-4:00 pm

### ***Arbor Day\****

through May 2

Join us for an Arbor Day Celebration, including a kick-off tree planting, scavenger hunt, guided walks, tree-related crafts, entertainment, and demonstrations that continue through the weekend.

10:00 am-4:00 pm

*\*All ages program is part of the Environment theme of Project Millennium, a regional effort to bring cultural, educational, research, and community organizations together to celebrate the new millennium. See page 13 of Seasons for more details.*

*Unless otherwise noted, programs are free of charge with admission to the Arboretum, and advance registration is not required.*





# Buds 'n Blooms

March 27-April 30

Daffodils, Cornelian cherry dogwoods, and trillium are only a few highlights of our Buds 'n Blooms celebration, which begins March 27 and continues through the end of April. Throughout the Buds 'n Blooms festivities, stop by Visitor Services to learn more about the events for the day.

## Every Saturday and Sunday

### Guided Walks

*45-minute walking tours that highlight spring flowering. Tours feature wildflowers, prairies, and/or flowering trees, based on what is in bloom. Adults and children 6+*

Meet at Visitor Center

9:00 am, 1:00 pm, 2:00 pm, 3:00 pm

### Spring Discovery Stations

*Daffodil, wildflower, and flower arranging demonstrations and displays, children's activities, and planting information.*

Located at Visitor Center and Daffodil Glade

Noon -3:00 pm

### Tram Tours

*50-minute guided tour aboard the Acorn Express open air tram through the Arboretum.*

\$2 per person

Tickets available at Visitor Services

Noon, 1:15, 2:30 pm

### Other Spring happenings include:

- Extended Plant Clinic hours: Saturdays from 10:00 am - 4:00 pm and Sundays from noon - 4:00 pm
- Free guided walk with Floyd Swink on Saturday, April 24, at 2:00 pm. Reservations are strongly encouraged; call **630-719-2465** to reserve your spot.

- Free bird walk on Sunday, April 25 at 8:00 am. Stop to look for visiting warblers and other migrating birds as they head north to their summer vacation homes.

Plant Clinic, outdoor walks, tram tours, and demonstrations may be canceled due to poor weather. Please call **630-719- 2465** to verify times and locations before your visit.

## Look What's Bloomin'

Did you know that something is blooming at the Arboretum every month of the year, except January? For the latest information on blossoming trees, shrubs and plants, call or visit the following Arboretum locations:

- Bloom 'n Color Hotline, **630-719-7955**
- [www.mortonarb.org](http://www.mortonarb.org)
- Visitor Services, **630-719-2465**
- Plant Clinic, **630-719-2424**
- Sterling Morton Library, **630-719-2427**
- Administration and Research Center Reception Desk, **630-968-0074**
- Thornhill Education Center, **630-719-2464**

Plan your walks and drives through the Arboretum this spring by calling the Bloom 'n Color Hotline, **630-719-7955**. Daily updates will highlight the best blooms in the Arboretum.



# General Information

## Grounds Hours/Entrance Fees

November 1 - April 3, 7:00 am to 5:00 pm  
or dusk; April 4 - October 3, 7:00 am to  
7:00 pm or dusk

Members FREE

\$7/car, discounted to \$3 on Wednesdays

\$50/bus, discounted to \$25 on Wednesdays

## Visitor Center Hours

Visitor Services, Ginkgo Gift Shop and

Coffee Shop: 9:00 am-5:00 pm daily

Ginkgo Restaurant: 11:00 am-3:00 pm daily

## Sterling Morton Library Hours

Tuesday through Friday, 9:00 am-5:00 pm

Saturday, 10:00 am-4:00 pm

## Founder's Room

Morton family historical exhibits

Thornhill Education Center (Parking 19)

Open weekdays, except holidays,

9:00 am-4:30 pm

## For a safe and serene Arboretum, please:

- Speed limit 20 mph
- Parking in numbered lots only
- Grills and fires prohibited
- Jogging on paved roads, not trails

## Please, no:

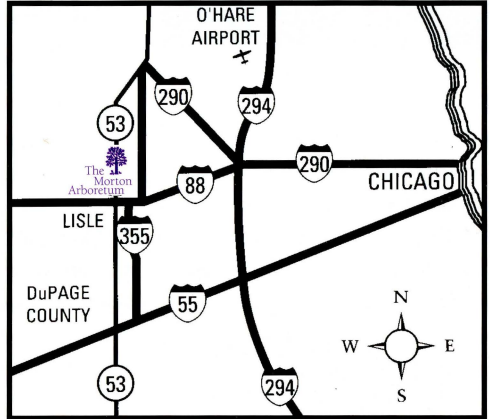
- Pets, except service animals
- Bicycling or active sports
- Fishing, hunting, trapping
- Intoxicants
- Damaging of plants

The Arboretum has facilities providing access for visitors with physical disabilities. Call **630-719-2465** for more information.



4100 Illinois Route 53  
Lisle, IL 60532-1293

# How to find The Morton Arboretum



Just 25 miles west of Chicago's Loop.  
Just north of I-88 and west of I-355.  
Follow directional signs to the Arboretum.

Visit us on the web! [www.mortonarb.org](http://www.mortonarb.org)

## May we help you?

Administration Reception	630-968-0074
General Information & Events (24-hour recording)	630-719-2400
Visitor Services & Special Events	630-719-2465
Bloom 'n Color Hotline	630-719-7955
Education Program Registrar	630-719-2468
Membership Services	630-719-2453
Volunteer Opportunities	630-719-2443
Development/Fundraising	630-719-2441
Ginkgo Restaurant	630-719-2457
Ginkgo Gift Shop	630-719-2454
Sterling Morton Library	630-719-2427

*The mission of The Morton Arboretum is to collect and study trees, shrubs, and other plants from around the world, to display them across naturally beautiful landscapes for people to study and enjoy, and to learn how to grow them in ways that enhance our environment. Our goal is to encourage the planting and conservation of trees and other plants for a greener, healthier, and more beautiful world.*