



LANDIS ARBORETUM

THE NEWSLETTER

Esperance, New York

SPRING 2004

VOLUME 23, NO. 2

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SPRING PLANT SALE

SATURDAY, MAY 15 AND SUNDAY, MAY 16, 10AM TO 4PM

Preparations for the 32nd Spring Plant Sale are well underway. This will be the Arboretum's largest fund-raiser, with proceeds providing maintenance and property improvements. The sale provides an opportunity for you to help the Arboretum and acquire beautiful and unusual plants, shrubs, and trees for your gardens. Admission and parking are free.

For early May, the *Old Farmer's Almanac* predicts warm and sunny weather, then turning cooler and showers. Regardless of weather, the sale will go on as scheduled: Saturday, May 15, and Sunday, May 16 from 10 am to 4 pm. No sales will be made before these dates except for the members-only "Pick of the Pots" Preview Party, which is our way of saying "thank you" to all who support the Landis Arboretum through membership. Call 518-875-6935 for information.

—Dick Clowe, Plant Sale Chairman

About the Plants

The Spring Plant Sale fast approaches, promising to be one of the best yet! With more than 6,000 plants available, from a featured selection of oaks and conifers to a wide variety of interesting and unusual trees, shrubs, and perennials, no one will have to go home unsatisfied. And, as always, there will be a wide selection of books, baked goods, and a quilt raffle. Plant experts will be available to answer questions and to provide suggestions and advice on plant selection, site requirements, and proper planting and care techniques.

This year's main feature plants, oaks and conifers, have been a challenge for the plant procurement committee, but we think you will agree, very worthwhile. We searched the continent looking for some great offerings and we believe you will be excited about owning some of these great trees. All were selected for hardiness and adaptability and are offered in sizes from three-gallon container-grown to larger balled and burlapped specimens. They are priced from \$21.50 through the \$300 range.

Before you purchase any oak, view a mature specimen in the Arboretum's collection. Landis has the most complete oak collection in New York State and one of the best in the entire country. Species in the Landis collection include sawtooth, white, red, swamp white, scarlet, shingle, bur, blackjack, Mongolian, pin, durmast, chinkapin, chestnut, English, golden English,

—continued on page 2.

About the Sale

Plant Donations

If you are donating plants for the sale, make sure they are "sale ready" and clearly labeled, as there is not time for volunteers to repot or groom and label plants.

Plant Consignments

If you are providing plants on consignment, identify plants as to source and bring them Wednesday or Thursday before the sale. Also provide a complete list of items: quantities, common name, species, and base price. Arboretum volunteers will establish the selling price and mark plants accordingly.

In addition to donations and consignments, the Arboretum grows some plants for the sale. Many more are purchased from plant growers. For the description of featured plants, shrubs, and trees, see left.

Facilities

- Ample parking, restrooms and picnic tables are available for your convenience. Handicapped parking is available.
- Dogs are welcome on the Arboretum grounds, but not in the plant sale area.
- Please have your sales slip ready for review as you leave. All purchased plants are to be removed on departure unless you have made other arrangements with staff.

—continued on page 2.



THE LANDIS ARBORETUM NEWSLETTER is published quarterly for its members. The Arboretum's mission is to foster the appreciation of trees and other plants and their importance in our environment.

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David Buddle and Sonja Javarone

DESIGN & PRODUCTION EDITOR

Sue Gutbezah

CONTRIBUTORS TO THIS ISSUE

Daniel Branagh, Fred Breglia, David Buddle, Dick Clowe, Sonja Javarone, Ken Hotopp, Roberta Krause, Ed Miller, and Gloria Van Duyne.

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Miller Printing and Litho Amsterdam, NY

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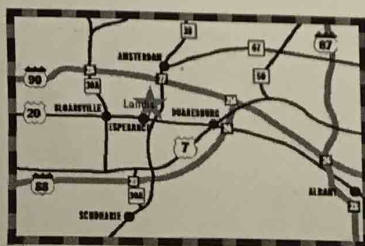
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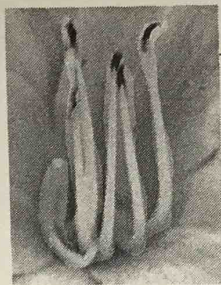
Newsletter Editor, Landis Arboretum P.O. Box 186, Esperance, NY 12066. phone 518-875-6935 fax 518-875-6394 email landis@midtel.net http://www.LandisArboretum.org

The Arboretum is located one and one-half miles north of Route 20 in Esperance. Follow the signs from the village to Lape Road. The Arboretum is one-quarter mile straight ahead.



PRESIDENT'S LETTER

Ken Hotopp, President, Board of Trustees



With the kind of early spring we had this year, I can understand why ancient cultures celebrated the end of winter and the rebirth of the

warming sun with such ceremony and joy. Though the air temperature was in the thirties and the flurries kept trying to make us think it was still winter, the thawed earth is pushing up the crocuses and daffodils and the skunk cabbage in the woods is greening. Your Arboretum is stirring too. Plans for the Spring Plant Sale have been activated. Gates are being set up on the trail entrances. New signs are up and more are coming. Arrangements for additions to the Arboretum collections are being completed, and volunteers and staff are getting ready for the busy year ahead.

Will we see you this year as a plant buyer or horticulture student? As a volunteer pruner, planter, or weeder? As a visitor enjoying the views,

plants, and trails? Or as a volunteer, maybe in the Acorn Shop, business office, or on committee work if indoor work is more your style. Outside or inside, we welcome you and a friend or two as part of the Arboretum family and experience.

Oh yes, I can't help reminding you to renew your membership. You may also want to give a membership as an anniversary or birthday gift to someone with an interest in plants, trees, or gardening. And remember the Arboretum has a memorial tree program as a means of remembering and celebrating the life of a friend or relative. This does sound like a sales pitch, doesn't it? Well, I guess it's because this is my first "president's message" and I'm eager to get you more involved in our low-stress activities and programs. Real spring will be here soon, to be followed by real summer, so come over to the Arboretum. Check out the new trails on the recent Bass parcel addition, explore our Fairchild 66 acres up the road, and get back to nature.

The Plants, continued from page 1.

cypress, Shumard, post, and black.

The spring sale also offers over 20 conifer species, with more than 60 varieties and hundreds of cultivars from which to choose. We have secured a wide variety of interesting and unusual conifers from our Oregon suppliers. A special effort was made to secure species and cultivars generally unavailable in the East while considering hardiness and adaptability.

Other feature plants include at least 18 varieties of clematis; a number of mostly 1-gallon-sized hellebores; a nice collection of over 90 heaths and heathers of the Erica and Calluna persuasions; 2- and 3-gallon climber roses, including 'Climbing Peace,' 'Berries and Cream,' 'Fourth of July,' 'New Dawn,' 'Henry Kelsey,' 'John Cabot,' and 'William Baffin'; a 15-gallon Young's Weeping European White Birch, and various daylilies (*Hemerocalis*), peonies, lilacs (*Syringa*), and viburnums.

There will be no preorders available to members this year, but a **Preview Party** will be held on Friday, May 14, for only \$15. The first 150 members to sign up for this preview party will receive a complimentary buffet dinner—just the thing to give you the energy to choose which of the many plants you will take home with you! See page 4.

The Spring Plant Sale is one of the Arboretum's largest fundraisers. As such, it is imperative that we make the event as successful as possible. We are looking for donations of plants, books, and baked goods. Contact the office at 875-6935 or landis@midtel.net for more information. We look forward to seeing you there!

The Sale, continued from page 1.

Other Activities

- **The Acorn Shop** will be open for garden and other special interest purchases. (See page 3)
- **Saturday Bake Sale.** A bake sale on Saturday will be hosted by our garden volunteers. Money raised will be for the care of our perennial gardens.
- **The Book Sale** will be under cover in our renovated barn. We welcome donations of all types of books. Please leave them with office personnel in the weeks preceding the sale.
- **Raffles.** The fourth annual raffle quilt will be on display and tickets for sale. The drawing will be in December 2004. One or more other items will be raffled at the plant sale, featuring an ornate five-foot plant stand, donated by Pattersonville Furniture, from Pattersonville, NY, on Rte. 55 between Amsterdam and Schenectady.
- **"Pick of the Pots" Members Only Preview Party** See page 4.
- **Volunteers.** It takes many hands to orchestrate the plant sale. Well in excess of 1,500 hours of volunteers time are needed. An event of this size takes major effort by many members on a variety of activities: some heavy, some smaller, some in the week preceding or following and many on the days of the sale. If you can spare four hours or a day (or days), please contact our volunteer coordinator, Lawson Harris at (518) 399-9576. With many needs and activities, one can be found for you. Thank you.

MANY THANKS

TO THE FOLLOWING PEOPLE AND BUSINESSES FOR THEIR GENEROUS Special thanks to Terry and Sharon Staley. Good luck in your new home in Cleveland, Ohio. The staff at Landis will miss you.

Ken Hotopp for his skulls and bones.

Howard Stoner for his help with machine maintenance.

Ron Needle for his help with equipment and on the grounds.

Durward Degroff for his wonderful carpentry work.

Jane Kirstel and **Rita Krom** for their support in the office.

Barbara Hunt, Judith Lott, and **Diane Jankowski** for their continued support in the Acorn Shop.

Don Orr and **Jim Schlemmer** for making and donating products made from the great oak (available for sale at the Acorn Shop).

Sonja Javarone, Susan Sagendorf, and **Sue Gutbezahl** for their continued help.

Susan Sagendorf, John Brust, **Lawson Harris, Jane Kirstel,** **Judith Lott, Ann Bevins,** **Barbara and John Hunt,** **David Buddle** and **Daniel Branagh** for all their help at the Capital District Flower and Garden Show. Your time and donations are greatly appreciated.

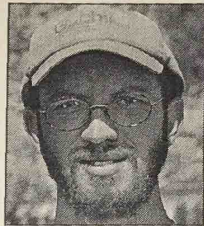
Thank you to all others that we may have not mentioned who have donated their valuable time to volunteering.

Some new and popular items include polo and sweatshirts with the Arboretum's logo, and tees and do-rags with bugs, frogs, scat, and animal track designs (above & right).

BE A VOLUNTEER

The Arboretum thrives on the involvement of volunteers. We are always looking for volunteers. If you want to volunteer, we have something for you to do, something rewarding and appreciated. Join a committee. Join the Arboretum family in service for all.

Contact the office by phone—518-875-6935 or email—landis@midtel.net for more information.



HORTICULTURIST'S CORNER

by Fred Breglia, Head of Horticulture and Operations

Here's an educational horticultural quiz. Take it and see how much you know. Answers are on page 5.

1. When is the best time to apply fertilizers for all plants?
2. How deep should mulch be applied to plants?
3. When is the best time to prune plants that bloom on current season's wood, such as rose of Sharon?
7. When is the best time to prune plants that bloom on previous season's wood, such as lilac?
5. How far do the absorbing or feeder roots on a mature tree extend?
6. What is the tallest of the eastern deciduous trees?
7. What is the tallest of the eastern conifers?
8. What wood yields the most BTUs of all wood when burned?
9. What oak has the heaviest wood?
10. What is the largest circumference of any conifer?
11. How many acres are there at the Landis Arboretum?
12. Approximately how many miles of hiking trails are there at Landis?
13. In terms of tree identification, what does the rule "mad horse" stand for and how does this help with identification?
14. When planting trees, it is recommended to limit pruning to dead and broken branches and selecting a new leader. True or false?
15. When planting a new tree, it is recommended to fertilize when it is installed. True or false?
16. How tall is the tallest tree in the United States?
17. The Landis Arboretum's Great Oak is estimated to be how old?
18. When was Landis Arboretum officially founded?
19. What tree species was often called mountain mahogany by loggers first clearing the United States?
20. The typical climax forest for our region consists of what species?

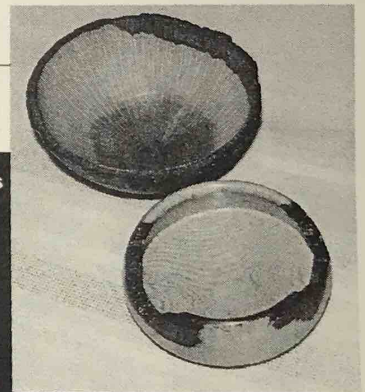
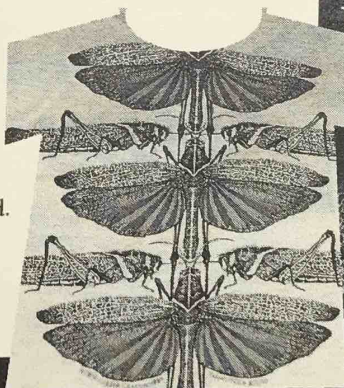
Gifts from the Acorn Shop

The Acorn Gift Shop will open May 1. The hours are Monday-Friday, 9-4, Saturday 12-5, and Sunday 1-5 (during the Plant Sale). Featured this year are fantastic animal

puppets (below). Wooden bowls

(above right) and clever ornaments made from our Great Oak.

Buy mud gloves, pruners, Snow & Nealley tools and more from our selection of gardening-related items.



Books, games, and original art are also for sale. A 10% discount is a benefit of membership.

WELCOME New Members

Sylvia Cosgrove
Bruce and Mona Harris
Elaine Holdridge
Charlie Goddard
Carolyn Kingston
Janet and Carl Sand
Arlene Shako

Recent Breglia Memorial Donor

Durward DeGroff

COLLECTIONS NEWS

by Fred Breglia, Head of Horticulture and Operations

Spring is finally here. The yellow flowers of the blooming winter aconite make a great complement to the white flowering snowdrops and purple flowering scilla in the Van Loveland Perennial garden. The Chinese witch-hazel, the first of the woody plants to bloom, is another sure sign that winter has passed. Soon the white blooms of the shadblow serviceberry will light up our country hillsides, followed by many apple, cherry, and pear blossoms. The newly renovated ponds around the

grounds have been completely filled with water during fall and winter and the ice is melting with each passing day.

The grounds are in the midst of receiving their spring facelift. Gravel from all the snowplowing is being raked off the grass; mulch is being applied to the perennial gardens and the many specimen trees in our collections. Fertilizer is being applied to help keep our plants growing strong. The Spring Plant Sale is also approaching rapidly. Work around the Arboretum is a flurry of activity.

Welcome, Trina!

A new intern, Trina Bassoff, joined us this spring and will continue through the summer and fall. Trina is working toward her bachelor of technology degree in wildlife management from SUNY Cobleskill. She will conduct wildlife surveys and habitat studies at the

Arboretum and prune trees and shrubs during the year. Trina and staff have been busy working on the bluebird trail, cleaning the bluebird boxes and doing repairs and replacements. A fresh coat of sealer has been applied to the outside of our boxes. New nesting boxes have been added to our bluebird trail to see which seem to work the best for attracting bluebirds while discouraging use by other bird species. For those of you with bird boxes, it is recommended you clean them out by the first week of April. A program on attracting bluebirds to your backyard is scheduled for June 5 from 9 am to noon at the Arboretum.

Some exciting projects for 2004 are planned; here are some highlights. The wet area just off the trail to the Great Oak will be enhanced and expanded. A new walk to allow visitors to get up to the water and see a great diversity of wetland plants that thrive in these areas will be engineered and installed this year. Along with this walkway we will

reconstruct a raised dike along the southern side to help hold more water.

More trees will be planted this spring, summer, and fall. Most of the species ordered will help complete the Tough Trees for Tough Sites Collection, with some overlap with trees needed to complete our Northeast Oak Collection. Once completed, the Tough Trees Collection will be the only one in the United States where homeowners as well as municipalities can see what trees are suitable for planting in difficult growing locations. These trees can tolerate a wide variety of harsh conditions, including drought, wind, water, and the ability to tolerate salt from walkways and roadways. The Tough Trees and Northeast Oak collections are the top priorities for Landis Arboretum and are planned to reach completion during the 2004 and 2005 seasons.

The Northeast Oak Collection, which is registered with the North American Plant Collections Consortium (part of the American Association of Botanic Gardens and Arboreta), has given the Landis Arboretum national recognition. The oak collection at Landis will also be featured in *Public Garden* magazine in the near future. More good news! I will also be speaking at this year's national conference for Botanic Gardens and Arboreta in Dallas, Texas, on Landis's Northeast Oak Collection.

This year's plant sale features oaks as one of the major plant groups offered to the public. We will have many species of Northeast oaks, from the scarlet oak, which displays the brightest red fall foliage of all oaks, to the mighty bur oak, which has the roughest and most attractive bark of the Northeast oaks. In addition to the many native species, we will also be featuring English oak varieties that have the greatest drought tolerance of the entire oak genus.

What Kind of Tree Is That?

Other highlights that will dramatically add to the visitor's experience include the labeling of all the trees and shrubs on the woodland trail. With the help of a grant we will purchase and install new photo-metal signs to identify all the woody plants on our woodland trail from the meeting house all the way to the Great Oak and back to the greenhouse facility. These new signs will identify the plants by their common names, scientific names and plant families to which they belong. Combined with the new photo-metal interpretive signs we installed last year, we will dramatically add to the informal learning that visitors can gain from our site.

Here is my ending quotation to ponder: "The purpose of the ancient, giant sequoia? To provide shade for the tiny titmouse."

PICK-OFF THE-POTS

Members-Only Preview Party
Friday, May 14, 2004, 5-8pm

The Preview Party
Is a Benefit of Membership
with the Landis Arboretum.

Nonmembers may attend if they purchase a membership. This is your chance to get your plants before the sale opens to the public.


A complimentary buffet dinner (served 5:30-7:30 p.m.) is included for the first 150 members who register by Monday, May 10.

Tickets to attend the Preview Party will be available through Friday, May 14.

The cost is \$15 per member.

Reservations are required.

Call 875-6935 to join the Arboretum
or make reservations.



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HIS MAJESTY—

Bur Oak

Quercus macrocarpa

by Sonja Javarone

Massive trunk, impressive crown, and picturesque profile, there is no doubt that this is a special tree. Native to southern Canada and United States east of the Rocky Mountains, bur oak (*Quercus macrocarpa*) is also highly desirable for horticultural use. The tree survives where other oaks fail in the wild, in urban areas, and in an array of soils.

This spectacular tree with the fiddle-shaped leaves and large acorns with the fringed cap is a must see, especially in the native ecosystem, the bur oak opening, characteristic of the meeting of forest and prairie in the north central United States. Although rare in the East, Connecticut lists it as an endangered species; the range extends to the Rockies where the tree is reduced to shrubby scrub. In Manitoba, the long-lived tree has revealed the past climatic history through tree ring analysis. Extremely dry conditions existed from 1670 to 1775 throughout the North American prairies.

What more can we say? The tree produces acorns in 10 to 35 years. It has excellent timber characteristic of the white oak species (those having rounded lobes). Bur oak is a large shade tree, 70 feet by 60 feet wide in urban conditions and larger in

its native habitat. It is tolerant of acidic and alkaline soils. It is best propagated by seeds, having a deep taproot that

makes transplanting difficult, or, when available, in balled and burlapped form. Spring planting is desirable. The large leathery dark green leaves may reach 10 inches and are supported by a short stout petiole. The male and female catkins are ornamentally insignificant as they appear in the spring. Twigs may be corky. The bark is most unique having thick ridges and very deep furrows. The bark is fire resistant.

Bur oak, also known as mossycup oak, is hardy in USDA Hardiness Zones 3 to 8. Along with northern red oak (*Q. rubra*) and northern pin oak (*Q. ellipsoidalis*), bur oak has a most northerly native distribution. Actually this is unique as most oaks worldwide are tropical species. Mexico and Central American have the greatest number of oak species. Temperate species of oak are also found in Europe and Asia.

Native Americans made an astringent from bur oak to treat a variety of ailments. The large, sweet acorns can be eaten boiled or raw. Birds and mammals including our Landis turkeys eat the acorns. Deer and cattle eat the foliage. Raptors and squirrels nest in the large trees.

The bur oak opening savannas have declined due to grazing and fire suppression and are now being replaced by maple forests. Parks and natural areas in the North Central states are protecting and reestablishing the oak opening ecosystems. These areas include associations with black oak (*Q. velutina*) and prairie species. The Nature Conservancy protects 28,000 acres of habitat and owns or manages over 17,000 acres on 36 preserves throughout Ohio. Bur oaks are the dominant tree at the Arbor Day Farm near Nebraska City. This is close to the center of the species' natural range. In Sioux City, Iowa, is located the Council Oak made famous by Lewis and Clark and Native Americans holding council under the 150-year-old tree. For the book readers among you, read "Oak Opening" by James Fenimore Cooper. It contains a great description of the ecosystem.

Give it room and know the tree you plant may live for hundreds of years.

THANK YOU

TO OUR CORPORATE MEMBERS FOR THEIR GENEROSITY.

Environmental Clearinghouse of Schenectady

Glenbrook Farm, Viktoria Serafin Gardener's Workshop

Jean Sweet Interiors, Inc.

Keyserkill Studios, Inc., Tressa Vellozzi

Temper Corp, John Rode

Answers to Quiz on page 3.

1. Spring prior to bud break is the best time to apply fertilizers for all plants.
2. 3 to 4 inches of mulch should be applied and never on the root flare.
3. Spring prior to bud break is the best time to prune plants that bloom on current season's wood.
4. Immediately after flowering is the best time to prune plants that bloom on previous season's wood.
5. Absorbing or feeder roots on a mature tree extend two to three times past the spread of the canopy.
6. The tallest of the eastern deciduous trees is the tulip tree; second tallest is sycamore.
7. The tallest of the eastern conifers is white pine.
8. The wood of osage orange yields the most BTUs of all wood, followed by shagbark hickory.
9. Live oak has the heaviest wood.
10. 99 feet is the largest circumference of any conifer, which is the giant sequoia.
11. 200 acres.
12. Approximately eight miles of hiking trails at Landis.
13. "Mad horse" stands for maple, ash, dogwood, and horse chestnut. This is helpful with tree identification because all oppositely budded trees are in the "mad horse" group of trees.
14. True. When planting trees, it is recommended to limit pruning to dead and broken branches and selecting a new leader. It is better to wait one year before doing any structural pruning.
15. False. When planting a new tree, it is better to wait until the following year before applying fertilizer. However, it is always helpful to add mycorrhizae fungus when you plant new trees, because mycorrhizae helps the root system establish itself.
16. The tallest tree in the United States is 373 feet tall. It is a coastal redwood in northern California.
17. The Landis Arboretum's Great Oak is estimated to be 400 years old.
18. Landis Arboretum was officially founded in 1951.
19. Black cherry is the tree species often called mountain mahogany by loggers first clearing the United States.
20. The typical climax forest for our region consists of sugar maple, American beech, hemlock, and yellow birch.

WISH LIST

Equipment Wish List

We are looking for the following items (or estimated dollar amount to purchase items).

Equipment

- Bird feeders and seed
 - Projector for PowerPoint presentations
 - Laptop computer
 - Picnic tables and benches (\$250)
 - Professional climbing saw (\$150)
 - DR brush mower (\$2500)
 - Hardback rakes, shovels, loppers, and mulch fork (\$200)
 - Trowels and other small gardening tools
 - Troy Built hand cart
- And always, the large tractor—
- A John Deere 790 (or machine of equal quality) 4wd, 30hp, with backhoe and loader (\$20,000)
 - 4wd pick-up truck
 - set of air-driven impact tools to help facilitate machine maintenance

Project Wish List

We are looking for volunteers familiar with the following tasks (or equivalent dollar amount to complete these projects).

- Stone walls around the greenhouse and walls around perennial garden need rebuilding. (\$800)
- Hand quilters for next year's raffle quilt

Donations

- \$1000 for a new entrance sign
- \$1000 (ea.) for printing new and updated brochures

Education Wish List

- Animal skins in good condition
- Skulls and bones in good condition
- Feathers and nests from wild birds
- Insect collections
- Local rocks and fossils
- Tree identification books
- Leaf identification books
- White enamel pans
- Tall rubber boots
- Magnifying glasses
- Walkie-talkies
- Environmental science tools

Reports

Success at the 2004 Flower and Garden Show

by Daniel Branagh

The March 26–28 presence of the Landis Arboretum at the 2004 Capital District Flower and Garden Show at Hudson Valley Community College was well received. Much interest was shown in the spring plant sale. Contact was made with hundreds of potential volunteers, new members, and future visitors:

"I've been to the Arboretum and love it!"

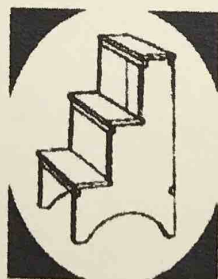
"I've always wanted to go, can you give me more information?"

"We're going to get there this year!"

were the most commonly heard comments.

Approximately 13,000 people explored the show's 60,000 square feet of gardens, educational exhibits, floral designs, and retail and craft booths. Landis volunteers report speaking with a large number of those attendees. 120 people signed up to be on the mailing list, and rush copies of the plant sale flyer and the 2004 events calendar had to be made due to the supply running out in the middle of the second day. Interest was so high that volunteers experienced a constant flow of people.

Landis's presence was also felt in the show's lecture room. Fred Breglia, head of horticulture and operations, made two presentations, one on promoting plant health through proper pruning and another on new and unusual ornamental trees for the landscape.



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Native Plants

Edward Miller, Chair of Native Plant Subcommittee

The year 2003 was a good one. About 140 species of native plants are growing along the Willow Pond Trail in locations according to plan. Almost all the plants are protected against rabbit browsing with chicken wire cylinders. Larger trees are now protected by black plastic cylinders, which provide additional protection against voles. A few of the larger pine family specimens have been protected with more substantial cages. One species, leatherwood (*Dirca palustris*) seems to be a particular deer favorite, and it has been planted in the anti-deer enclosure on the west side of the road.

New Plants

Our new plants have been identified with labels giving the common and scientific names. These look very nice, are easily visible and we hope will have a long life. The drainage of wet spots on the trail has been greatly improved with additional ditches and with more or larger drainpipes. One troublesome trail section has been raised about six inches. The raising of another trail section is partially complete and is already much dryer.

Visitors

Several botanical groups have visited the trail and give enthusiastic support to our efforts. A description of the native plant collection was published in the newsletter of the New York Floral Association. Many botanical educators are Arboretum members or receive our publications. The nature center at Thacher Park in Voorheesville and the new Adirondack natural history museum in Tupper Lake are seriously considering building bog gardens along the line of our successful design.

Plans

Our plans for 2004 are to extend our native plant collection with purchases and plant gifts from members and friends when we cannot locate nursery sources. The plants that have died will be replaced. The plant labeling will continue to improve. The Willow Pond Trail will continue to be physically improved by raising the trail in troublesome places. An area for plants needing well-drained soil will be created. The Publications Committee is working on a willow pond trail brochure that lists plants and their location. A draft version is available to visitors as a loan copy to take on the trail. We are starting to get feedback on the effectiveness of this locator and will probably make changes this year.

Congratulations

to Gloria Van Duyne and John Keeffe on the birth of their first child, John Francis Keeffe. Jack was born on March 21 and weighed in at 5 lbs., 11 oz. Gloria is expected back as executive director in July.

WORKSHOP AND SPECIAL EVENT REGISTRATION

NAME		CITY		ZIP		PHONE	
ADDRESS				Number of members attending @ \$ = \$ subtotal		Number of nonmembers attending @ \$ = \$ subtotal	
Workshop/Event	Date						\$Total
Payment Method							Total \$
Check: <input type="checkbox"/> Please make payable to Landis Arboretum Credit Card: <input type="checkbox"/> Visa <input type="checkbox"/> Mastercard							
Card number Exp. Date							
Signature							

CALENDAR Upcoming Events

For registration and information call 518-875-6935 or landis@midtel.net; or use the registration form on page 7.

Enclose with payment and mail to: Landis Arboretum, Lape Road, Box 186, Esperance, NY 12066-0186

All events take place at the Arboretum unless noted.

Family programs with nature educator George Steele begin at the Arboretum Meeting House. Programs are free and no registration is necessary. Donations are greatly appreciated. Programs are held rain or shine.

Advance payment and registration is required for all general classes and workshops, trips and Horticulture Certificate classes. Call the Arboretum for workshop fees. For your convenience, payment can be made via Visa or MasterCard.

For a more complete description of course contents, see the "Coming Attractions" insert in the Winter 2004 Newsletter.

MAY

14 (Friday) 5-8pm

PLANT SALE
Members' Preview Party

15-16 (Saturday-Sunday)

10am-4pm
PLANT SALE
Spring Plant and Book Sale
Bake Sale on Saturday.

Free. See page 1.

20 (Thursday) 6-8pm

GENERAL CLASS
Tree and Bird Tour of Cobleskill
Leaders: Fred Breglia & Chris Keefer. Bring binoculars. Free. Donations appreciated.

21 (Friday) 9:30pm
STAR PARTY

22 (Saturday) 6-9am
FAMILY PROGRAM
Early Morning Bird Walk
Join George Steele and members of the Hudson Mohawk Bird Club. For the beginning to serious birder. Free.

JUNE

5 (Saturday) 9-10:30pm

FAMILY PROGRAM
Moth Watch
With luck we will see luna, cecropia, and hawk moths. Free.

5 (Saturday) 9am-noon

GENERAL CLASS
Attracting Bluebirds to Your Backyard
Leaders: Fred Breglia and Ray Briggs
Registration and payment by Friday, June 4. \$5 individuals, \$10 families.

11 (Friday) 10pm
STAR PARTY

12 (Saturday) 7-9am
FAMILY PROGRAM
Bird Walk

18 (Friday) 10pm
STAR PARTY
A Walk among Summer Stars
Leader: Alan French,
Tour the summer constellations. If cloudy, a program will be held in the meetinghouse. Bring a blanket and dress warmly. Free.

20 (Sunday) 2-3:30pm

FAMILY PROGRAM
Insect Study

22 (Tuesday)

8:30am-5:30pm
GARDEN TOUR (BUS TRIP)
Tour of Naumkeag House and Gardens
(see page 8 for information)

26 (Saturday) 5pm

STAR PARTY
Solar and Lunar Observing.
Free

JULY

3 (Saturday) 2-3:30pm

FAMILY PROGRAM
Amphibian and Reptile Search

9 (Friday) 10pm

STAR PARTY
Star Party

10, 17, 24, 31 (Saturdays)

9-11:30am
GENERAL CLASS
*Botanical Drawing
Botanical Illustrator Tressa Vellozzi
The basics of botanical drawing using pencil, pen, ink and watercolors. This class requires some drawing ability. Class size is limited and meets in the library. Registration and payment by Tuesday, July 6. \$40.

12, 19, 26, August 2,
10am-1pm (Mondays)

GENERAL CLASS
*Exploring Art through Nature
Art teacher Jane Kirstel Experiment with acrylic paint to express ideas sparked by the nature

around them. Class size is limited and meets in the library. Registration and payment by Thursday, July 8. \$40.

*Made possible with funds from the Decentralization Program, a regrant program of the NYS Council on the Arts, administered by the Schoharie County Arts Council.

10 (Saturday) 9am-noon

GENERAL CLASS
Basic Pruning Workshop
Instructor: Fred Breglia
When, why, and how to prune. Bring pruning tools and gloves. Some equipment will be available. Class size is limited and begins in the meetinghouse. Registration and payment by Wednesday, July 7. \$25 members, \$30 nonmembers.

11 (Sunday) 1-4 pm

GARDEN TOUR
King Garden (see page 8 for information.)

17 (Saturday) 9am-noon

GENERAL CLASS
Advanced Pruning Workshop
(see July 10: Basic Pruning Workshop)
Hands-on workshop, in-depth instruction throughout. Registration and payment by Wednesday, July 14. \$25 members, \$30 nonmembers.

17 (Saturday) 2-3:30pm

FAMILY PROGRAM
Nature Art

25 (Sunday), 1-4 pm

GARDEN TOURS
Schultz and Desmond Gardens: A Dual Urban-Garden Tour in downtown Albany (See page 8 for information.)

AUGUST

1 (Sunday) 2-3:30pm

FAMILY PROGRAM
Pond Exploration

11 (Wednesday) 9pm

STAR PARTIES
Perseid Watch

Serving the area since 1992

Let It Grow

Nursery & Greenhouse
Nearly 1000 Varieties of Perennials
Nearly 100 Varieties of Roses
Large Selection of Vegetable Plants & Herbs
Large Selection of Annual Flowers & Hanging Baskets
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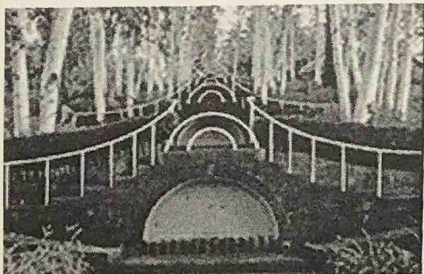
PICK-OF-THE-POTS

Members Only Preview Party

Friday, May 14, 5-8pm

Reservations required. Call 875-6935

Garden Tours Preview



Naumkeag House and Gardens

Tuesday, June 22, 8:30am-5:30pm

Naumkeag, in Stockbridge, Massachusetts, has 16 distinct gardens and garden features to enjoy. A guided tour of the house begins at 10:30 and self-guided tours of the gardens can be enjoyed the rest of the day.

The tour group leaves Wade Tours, 797 Burdeck Street, Rotterdam at 8:30 am. We arrive at Naumkeag at 10 am. Bring a bag lunch and refreshments. The bus departs at 4 pm and arrives back at Wade Tours at 5:30 pm. Registration and payment deadline is June 15. Bus fare and admission: \$55 members, \$60 non-members.

Think ahead to June and July. We have several gardens set for summer viewing. Here are a few samples guaranteed to delight everyone. Watch your mailbox for information on more gardens and tours, and call the office for more information.

King Garden

Sunday, July 11, 1-4 pm

Master Gardener Cindy King hosts a garden tour that features daylilies, perennials, and a woodland garden with paths and fields on 11 acres. She has been working on the property for 11 years. As a Master Forest Owner, Cindy has been improving her woodlands, too. The woodland garden, complete with a small stream, will also be included on the tour for guests who enjoy walking through fields and on small hills (hiking shoes are recommended). Select varieties of daylilies will be available for sale, and there will be free informational brochures from various sources.

Call the Arboretum at 875-6935 for cost, location, and reservations.

Schultz and Desmond Gardens: A Dual Urban-Garden Tour in Downtown Albany
Sunday, July 25, 1-4 pm

The Landis Arboretum presents a pair of city gardens for which you can park once and tour twice. Neighbors Jason Schultz and Marilyn Desmond open their backyards for us.

The Schultz garden, on a small urban lot in Albany, packs an exciting variety for its size. Owner Jason Schultz, a landscape designer, considers his garden's highlights to be the 20 species of native perennials, a collection of liguarias and cimicifugas (hostas and ferns), a set of ornamental grasses, and several sculptures and stone works.

The Desmond garden, a short block away, is described by owner Marilyn Desmond as "a cottage garden gone amuck!" Her raised bluestone beds were the answer to years of former neglect and now the garden features a serenity bed consisting of shades of green, a shade garden, and Marilyn's specialty: shasta daisies.

Call the Arboretum at 875-6935 for cost, location, and reservations.