



THE NEWSLETTER LANDIS ARBORETUM

Esperance, New York

SUMMER 2002

VOLUME 21, NO. 3

FALL PLANT & BOOK SALE

SEPTEMBER 14 AND 15, 10 AM-4 PM

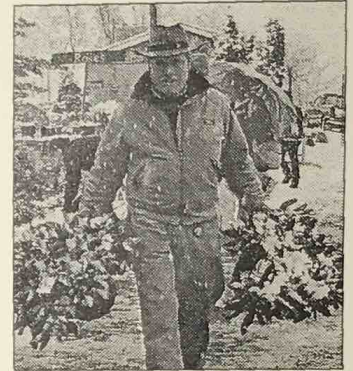
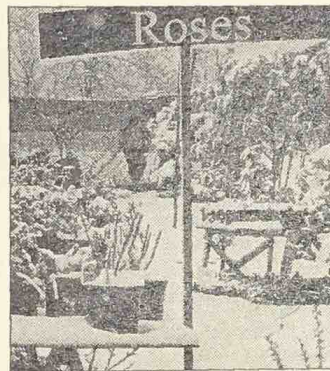
by Nick Zabawsky, Chair of the Fall Plant Sale Committee

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Photos: top left and right: Bern Allinson; center:
Gloria Van Duyne.

Below: Gloria Van Duyne



Spring comes to the Arboretum. Gardeners are a determined lot. Record attendance and sales were recorded for opening day of the Spring Plant Sale despite the "interesting" weather.

The Fall Plant Sale will be held on Saturday and Sunday, September 14 and 15, from 10 am to 4 pm on both days. We will be offering a wide variety of perennials, ornamental plants, deciduous and evergreen trees, roses, shrubs and dwarf conifers. Fall is a great time to purchase and plant most perennials and woody plants, because they get eight months to establish good strong root systems before facing the hot, dry weather of the following growing season.

The Fall Plant Sale is an opportunity to acquire unusual plants, improve your garden, and support the Arboretum at the same time.

The Book Sale

You will notice that "Book Sale" has been added to the name of our event. While we have offered used books for sale for a long time, there has been increasing interest and sales volume over the past few years, thanks to the work of Mervyn Prichard and Herm Finkbeiner. If you have books that you would like to donate to the sale, please contact the Arboretum. Donations are our principal source of books. Your donation will eliminate clutter in your home while helping the Arboretum.

Plant Donations

The success of the fall plant sale is due in part to the generous donation of plants by members. Many of our members have great plants that they could share with others, while financially supporting the Arboretum. As you divide perennials in those overcrowded beds, please consider the plant sale as a destination for those divisions. We need to have donated plants potted up and ready for the sale table. There isn't time for Arboretum staff to pot and groom plants at sale time. We can supply pots for your use. Call the office for information.

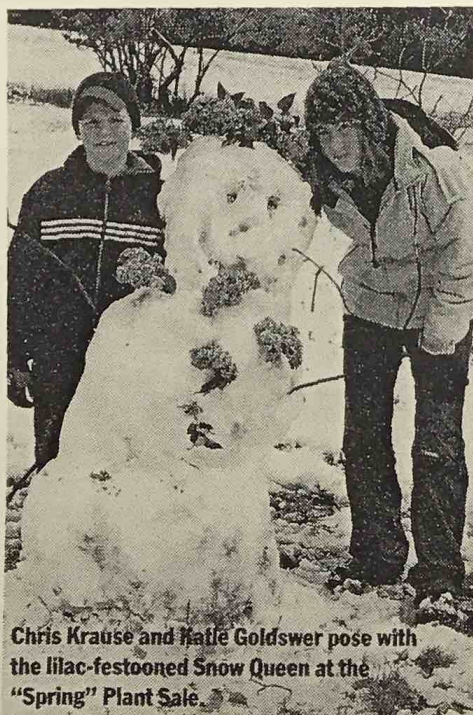
The Bake Sale

The Garden Volunteers will be back to sell baked goods to raise money for renovation of the perennial gardens. Volunteers and donations are needed.

The Weather

I have requested beautiful sunny weather for the fall plant sale—not that bad weather is a hindrance to you serious gardeners out there. Despite the freak snowstorm this spring, you showed up and purchased plants in record numbers. The Fall Plant Sale will go on, rain or shine, sleet or snow.

For plant, book and baked goods donations to the sale, and to volunteer, please call the Arboretum at 518-875-6935.



Chris Krause and Katie Goldswor pose with the lilac-festooned Snow Queen at the "Spring" Plant Sale.

THE LANDIS ARBORETUM NEWSLETTER is published quarterly for its members. The Arboretum's mission is to provide natural history and horticultural education through its programs and through its plant collection.

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Gloria Van Duyne, *Executive Director*
Fred Breglia, *Head of Horticulture and
Operations*
Roberta Krause, *Office Manager*
George Steele, *Science Educator*

Address correspondence to:

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

FROM THE Garden

by Gloria Van Duyne, Executive Director

As I look out of the office window on a beautiful Saturday morning I can see more than a dozen students painting watercolors among the perennial gardens. More students are gathered in the library for pruning instruction from Fred. For several reasons it is gratifying to see such a positive response to our programs. Good attendance means we are providing programs for which there is an interest and a need. Program fees help us care for the Arboretum. And finally, considering the multitude of responsibilities and activities in our lives that compete for our time, it isn't often that we can take time to "smell the flowers" or in this case, paint or prune them. The Landis Arboretum is here to enhance our quality of life, whether it may be active learning or just enjoying the sights and sounds.



Photo by Fred Breglia

Later in the summer, keep your eyes open for our new interpretive signs. Thanks to a grant from the Iroquois Gas Transmission System, we are able to install new interpretive signage. Originally we planned to order twenty-eight

signs. After some discussion with the printer, we found that if we made slight adjustments in the size, we could produce another ten signs for the same price. The signs will be placed throughout the native woodlands and collections.

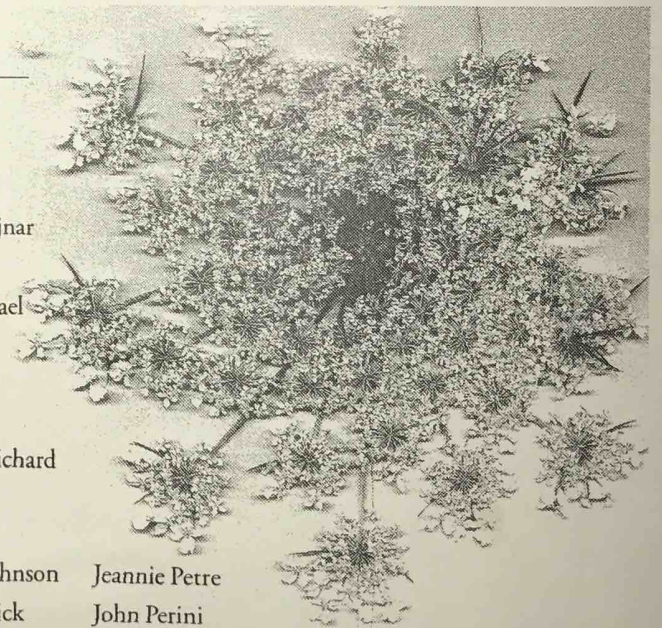
Planning and fundraising for the renovation of the Meeting House has begun. This seasonal building is the primary facility for educational programs at Landis. Renovation will allow it to be a year-round facility that will be available for classes, conferences and receptions. Because the building is currently very simple and rustic, renovation will be a major undertaking, both structurally and financially. To help with funding, Landis is seeking a sponsor. For \$500,000—\$300,000 of which will be placed in the endowment to provide for ongoing maintenance—the sponsor can name the new education and conference facility.

Don't forget to purchase raffle tickets for this year's quilt. It is a great way to support the Arboretum and you may be the lucky winner of a beautiful piece of very comfy art. Tickets are \$1 each or 6 for \$5.

WELCOME New Members

Welcome new member and winner of a 5-year membership on the WMHT Auction, Cathryn Levine of Albany

- | | | |
|-------------------------------|----------------------------|-----------------------|
| Dan Bachus | Dottie Gallo-Vojnar | |
| Wayne Baily | Martin Glynn | |
| Wendy Barcomb | Jennifer & Michael Gutillo | |
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| | | Jan Warren |
| | | Betty Weber |



New Tree Planting: Back to the Basics

The trees we buy and plant are lifetime investments. The type of tree you pick and the location you select for planting determine if your tree will live. How well your investment grows and thrives depends on the care you provide at the time of planting and the follow-up care the tree receives after planting.

The best time to plant trees is during the dormant season. After leaf drop in the fall and before bud break in the spring are best. Weather conditions during these times of year allow the trees to establish roots before summer heat stimulates top growth.

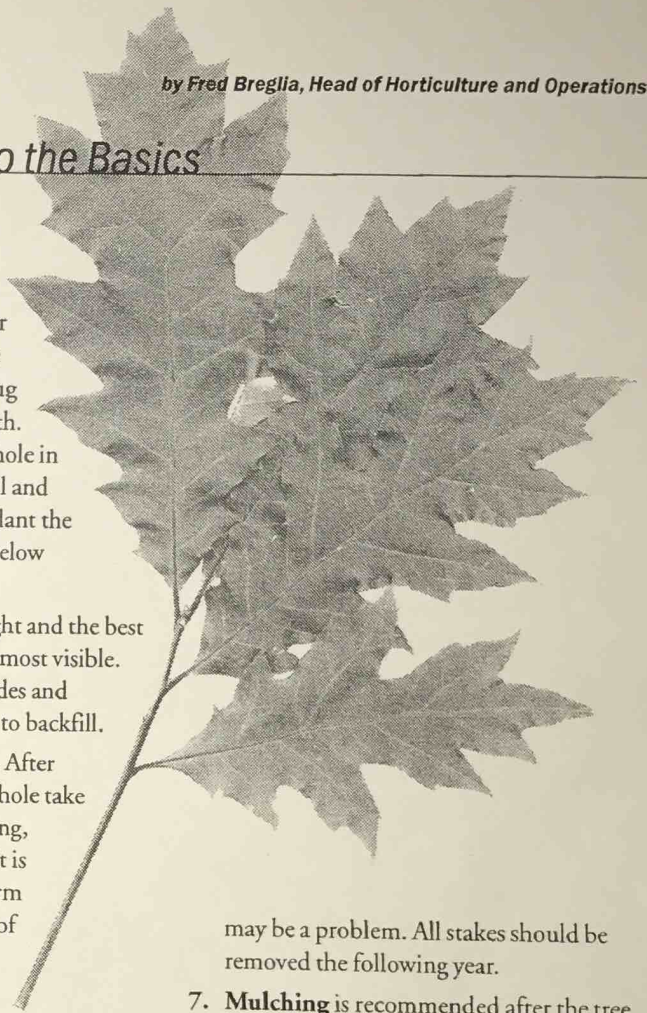
Whether your tree is balled and burlapped or bare-rooted, it is important to understand that the tree has lost 80–90% of its root system during harvesting. These percentages go up with trunk size. As a result, the trees will exhibit transplant shock (TS). Proper site preparation combined with proper planting techniques and follow-up care will considerably reduce the amount of time a tree experiences TS. Proper care helps the tree establish in its new site quickly, thus increasing the chance of success.

The following eight steps will significantly reduce the stress placed on trees at the time of planting.

- 1. Dig** a hole at least twice the diameter of the root ball but never deeper than the root ball. A wide planting hole helps new feeder roots establish quickly which also helps to overcome TS. Remember most trees are planted too low, but are rarely planted too high.
- 2. Identify** the trunk flare. The trunk flare is the area at the base of a tree where the tree roots meet the tree trunk. This point should be visible after the tree has been planted. If you do not readily see the trunk flare, you should remove the top layer of soil from the root ball. You must find this point to determine how deep the hole should be dug. Homeowners and professionals may mistakenly plant the trunk flare below ground and/or mulch above the flare. This will lead to tree decline and death. For long-term plant health the trunk flare must be level

with the ground and free from soil and mulch.

- 3. Place** the tree at the proper depth. Before planting the tree make sure you have dug the hole to the proper depth. Take time to measure the hole in comparison to the root ball and trunk flare. It is better to plant the tree a little too high than below ground level.
- 4. Make** sure the tree is straight and the best side is facing the direction most visible. Look at the tree from all sides and straighten before you start to backfill.
- 5. Backfill** the planting hole. After positioning the tree in the hole take the time to remove the string, burlap and/or wire cages. It is very important for long term survival to get at least half of the burlap and wire cut from around the root ball. If the burlap is synthetic, all of it must be removed. Most of the tree roots will grow out laterally and the burlap and wire only adds to the tree's stress by girdling the roots and injuring the plant. Care should be taken not to disturb the roots or damage the trunk in this process. Fill in $\frac{1}{3}$ of the hole with the backfill, being careful to remove any air pockets that could lead to root death. Press the soil in the hole firmly to eliminate large air pockets but do not overcompact because the tree does need air in the soil to carry out its life processes. Fill in the remainder of the hole by shoveling in soil and pressing the soil firmly around the root ball. You do not need to add a great deal of organic matter that could change the soil texture and encourage the trees roots to remain in the planting hole. Also fertilizer is not recommended at the time of planting; it's better to wait until the following year to fertilize.
- 6. Stake** the tree only if needed. Most of the time you won't need to stake. Staking is only recommended where vandalism is a problem, and in cases where high winds



may be a problem. All stakes should be removed the following year.

- 7. Mulching** is recommended after the tree has been planted. Remember to keep mulch off the trunk flare; three inches deep is ideal over the entire root system. (See the last [Spring] issue of the newsletter for more information about proper mulching.)
- 8. Water** the tree. After you have applied the mulch make sure to thoroughly soak the root system. To follow up, remember to keep the root system moist but not soaked. One watering a week during dry periods should be adequate. Remember that less frequent heavy watering is better than more frequent light watering.

In conclusion: Most trees that I have looked at over the years have been planted too deeply. It is better to plant the trunk flare high than low. The techniques mentioned above are not just my opinion, but rather facts proven through research undertaken by the International Society of Arboriculture. For more information give me a call at the Arboretum and I will be happy to discuss these tree planting techniques further. With proper installation your investments will grow into beautiful long-lived treasures.

My first encounter with the genus *Phellodendron* was in a college woody plant identification class. It was a cold rainy fall day, not the type of day you would want to traipse across a college campus. My clipboard of notes was dissolving under the steady downpour and my sneakers spewed water with every step. The final tree to be studied that day was the Amur corktree. As the professor pointed out characteristics of the tree, the rain was momentarily forgotten. Oblivious to the miserable weather, I became thoroughly captivated by the unique corky bark. I was so busy poking at

The tree is dioecious with both male and female trees required to produce pollination and seed. The scented dioecious flowers are yellowish-green that form not particularly ornamental panicles in the spring. If pollination is successful, the fruits are produced on female trees. The persistent, black one-half-inch drupes ripen in October and each contains five-seeded stones. The flesh of the fruit has a strong odor when bruised. It might be preferable either to plant this tree singly or in groups of males only to avoid the unpleasant fruit and unwanted seedlings altogether.

esting use of this genus lies in utilizing oil from the seed as an insecticide; it is said to exhibit properties similar to pyrethrum.

If you really must have this tree in your own back yard and are unable to locate one for sale, you can start your own. Propagation is easily accomplished from seed. This should require no pre-treatment if it is sown fresh. If seed is not fresh, then a two-month cold stratification should provide reasonable germination. Protect your seedlings from temperature extremes the first winter by planting them in a sheltered location. Another method to try is to root half-ripe heel cuttings in mid to late summer. Cover rooted cuttings and make sure to over-winter them in a cold frame the first year. Or you may harvest root cuttings in December when the donor tree is dormant. Store the cuttings in warm humus or leaf litter for a few weeks, then cut them into 4 cm pieces and place them horizontally in pots. Provide warm growing conditions and keep your fingers crossed!

In Search of the Elusive Sakalin Corktree

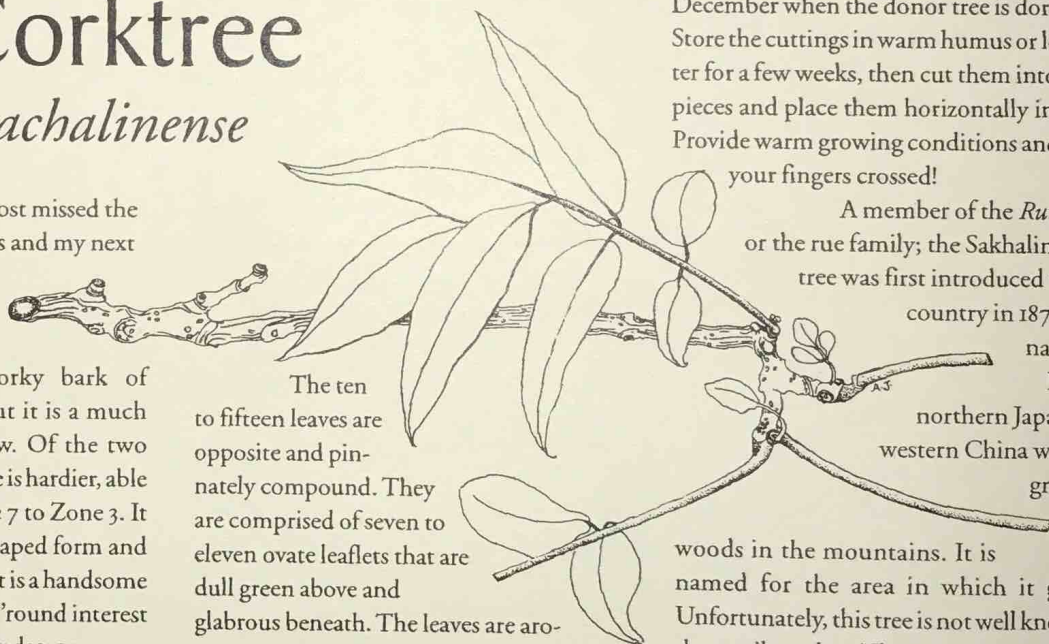
Phellodendron sachalinense

Horticulturist Laura Milak

that spongy trunk that I almost missed the van back to the main campus and my next class. On the down side, *Phellodendron sachalinense* does not share the pronounced degree of corky bark of *Phellodendron amurense*, but it is a much more desirable tree to grow. Of the two species, the Sakhalin corktree is hardier, able to survive from USDA Zone 7 to Zone 3. It has a more attractive vase-shaped form and reaches a larger mature size. It is a handsome shade tree that provides year 'round interest and an oriental flair to the landscape.

Adding to its attraction, Sakhalin corktree is relatively pest free, easily transplanted, and fast growing. It can reach from thirty to fifty feet in height and twenty five to fifty feet in width. The tree is adaptable to a variety of soil types, including sandy, loamy or clay. Sakhalin corktree also thrives in varying degrees of soil pH ranging from acidic to alkaline.

There are a few cultural concerns that should be addressed. When the tree is dormant, the Sakhalin corktree is extremely cold hardy, but if the tree has broken bud in the spring, it is quite susceptible to late frost damage. Because it grows so quickly when young, special attention should be paid to its nutritional needs and to its demands for a well-drained soil and full sun.



The ten to fifteen leaves are opposite and pinnately compound. They are comprised of seven to eleven ovate leaflets that are dull green above and glabrous beneath. The leaves are aromatic when bruised, turn yellow or bronze in the fall and drop rather quickly.

The branches are a reddish-brown color when mature. The gray-brown bark is quite attractive becoming slightly fissured and broken into plates as the tree ages. Although a few sources claim that the bark is not corky; others, including Michael Dirr, strongly disagree, claiming that at least to some degree, the tree does share the same characteristic corky bark as *Phellodendron amurense*.

Interestingly the bark of corktree has been utilized as a cork substitute in creating buoys and floats. The wood of the tree is also of value—very tightly grained and creating a strong hard material that is excellent for furniture, utensils, and building materials. However, I think the most inter-

A member of the *Rutaceae*, or the rue family; the Sakhalin corktree was first introduced to this country in 1877. It is native to Korea, northern Japan and western China where it grows in

woods in the mountains. It is named for the area in which it grows. Unfortunately, this tree is not well known in the retail market. There is very little information about it and the species is seldom offered for sale in the nursery trade. Looking for it can become a virtual treasure hunt. The prize specimen growing today at Landis originated from seed collected in Rikuchis Province of Japan by the National Arboretum of Washington, DC. Fred Lape obtained the tree from them in 1961.

I suggest you pack a picnic lunch complete with a bottle of bubbly (non-alcoholic of course) and pay this unusual tree a visit. The tree is located on the Fred Lape Trail between the Jeffrey pine and the Japanese umbrella tree (right next to the Fred Lape Memorial Stone). As you relax in the beautiful scenery you could offer a toast to a man from the past who had a vision for the future. It would be a terrific way to

remember the gift that Mr. Lape provided to future generations when he planted this tree and many others at the arboretum.

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Congratulations To

Rick Ohlerking for winning the potting bench raffle at the Spring Plant Sale

Cathryn Levine of Albany, winner of a 5 year membership on the WMHT Auction.

COLLECTIONS

News

"Summertime—and the living is easy." Well, maybe not easy—but definitely joyous, wonderful, busy and stressful, all combined. The colorful flowers of the Korean stewartia, bottlebrush buckeye and many varieties of day lilies, blend with the perfumes of sassafras, spicebush and summer-flowering perennials and the melodic sounds of many song birds.

The horticultural collections of the Landis Arboretum have been getting a lot of attention this year. The lilac, rhododendron, and crabapple collections produced record blooms again. Pruning of lilacs and rhododendrons is done immediately after flowering and crabapples are pruned in the middle of summer. Annual pruning and de-seeding along with a balanced fertilizer program are why our collections keep looking better each year.

This year mowing has been a challenge. Despite wet spring weather and lack of machinery, our staff and volunteers have kept the grass mowed and the grounds looking great. We are seeking funds for a new commercial mower to better facilitate grounds maintenance.

New photo-metal tree labels have been added to many of our specimen plants making it easier for visitors to identify the unusual trees and shrubs here at the Arboretum. The entire lilac collection has new plant labels. We will be placing more than 30 new photo-metal interpretive signs around the grounds this year thanks to a grant from the Iroquois Pipeline Land Enhancement and Acquisition Fund (LEAF). We received a grant from the Albany Pine Bush to buy signs for a demonstration pine bush display. These attractive photo-metal signs are the standard of the industry for arboretum signage and will provide valuable, easily read information. As part of the LEAF grant we will also be installing trailhead markers to help guide our visitors through our newly enlarged Arboretum.

The Private Industry Council (PIC) Crew is back with us again this summer. They have been working hard at topping-off mulch beds around our specimen trees, weeding, and cleaning up storm-damaged branches around the grounds.

Paul Blair and the Landis Garden Volunteers, with the help of the PIC crew, have been helping to renovate many of our existing gardens. Our peony collection is looking better than ever—as is the Rock Garden around the library. Long time garden volunteers Carol Loucks, Vivian

by Fred Breglia, Head of Horticulture and Operations

Gross, and Carol Wiley continue to help maintain the Van Loveland Gardens. The Island Garden, located in the lower parking lot, has been mulched and is handsome and welcoming. Plans to improve and expand our perennial gardens are being discussed by both the Horticultural Committee and the Landis Garden Volunteers. Expect to see some new and exciting things on your next visit to the Arboretum.

The Native Plant Committee has been working on the Willow Pond Trail and many new native species have been added along with many new identifying signs. The Bog Garden continues to grow with many neat additions such as sun dew and orchids.

The New York Old Growth Forest Association has been making "new" discoveries of ancient trees around New York State and at the same time getting valuable publicity for Landis Arboretum. We have had great articles in the *Times Journal*, *Schenectady Gazette*, *Times Union*, and among others, the *New York Times*, and scheduled to appear in an article in the *Kaatskill Life Magazine* next month. Old Growth Forest survey teams are actively searching for antique forests in western, central, eastern, and southern New York. Recently the Eastern Team, headquartered at Landis, discovered red cedars more than 500 years old, some of the oldest red cedars ever documented in New York. Check out the website at www.champion-trees.org/NYOGFA/ for a complete list of ancient forest discoveries.

Bluebirds have been another hot topic here at Landis this year. We are testing research boxes and serving as a resource for bluebird information. This year we have fledged more than 25 baby bluebirds so far with more on the way. Bob Yunick, NYS Master Bander and Landis volunteer, has banded most of the fledglings. These bands will enable us to keep track of our bluebird population from year to year, including nesting and mating trends. News Channel 13 with Steve Scoville did a great story on this project as did many local papers. Another six boxes and stakes were recently built and donated by Bob McCulough and will be added to the Landis Bluebird Trail.

The Landis Arboretum will have a new website online soon. It will include all relevant information about Landis, including posting our entire collections database.

Come and see the improvements at your Arboretum.

WORKSHOP AND SPECIAL EVENT REGISTRATION

NAME _____				
ADDRESS _____		CITY _____	ZIP _____	PHONE _____
Workshop/Event _____	Reg. Date _____	Number of members attending \$ @ = \$ subtotal _____	Number of nonmembers attending @ \$ = \$ subtotal _____	\$ Total _____
Payment Method				
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 _____				Total \$

MANY THANKS

to the following people for their generous gifts and continuing support. (In no particular order)

Dan Groski, Cobleskill Metal Products

Sonja Javarone for the hosta.

Sam and **Buster Bass** for the help in posting the Arboretum's property.

Jackie Tomlinson for the lawnmower.

Ron Needle for picking up and repairing equipment.

Robert McCulough for his help with the blue bird boxes.

Bob Krom for his wonderful work on the touch boxes.

Leila and **Carl Salmon** for generous donations of various items including lawn and garden equipment.

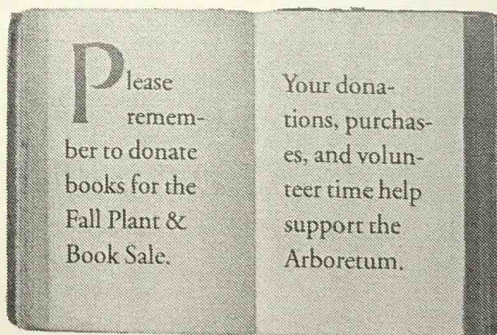
Gill O'Brien for replacing the stolen hand tools.

Bern Allinson, **Fran Finkbeiner**, and **Sonja Javarone** for ongoing contributions of beautiful photos of Landis flora, fauna, events, and buildings.

All the volunteers who spent precious time and contributed expertise, equipment, and money to help further the mission and maintain the Landis Arboretum—and especially—

Everyone who volunteered for the Spring Plant Sale despite the rain, mud, wind and snow.

And not least, to the members of the Plant Sale Committee.



(518) 439-8105

Sandra S. Walck
Garden Design

Installation & Maintenance with Ecological Emphasis

20 Dykeman Road
Delmar, NY 12054

Volunteers Needed...

to donate and sell baked goods at the **Fall Plant Sale.**

Proceeds will go toward renovation of the perennial gardens.

Call 875-6935.

The **Acorn Shop**

NATURE GIFTS

will be open during the Fall Plant & Book Sale.

WISH LIST

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

Books

The Ortho Problem Solver, edited by Michael Smith (\$200)
Manual of Herbaceous Ornamental Plants, Steven M. Still. (\$55)

Equipment

- laminating machine
- Picnic tables and benches. (\$250)
- Small chainsaw (\$150)
- Small hand mower (\$150)
- Large commercial mower (\$4000)
- D.R. brush mower (\$2500)
- Hardback rakes, shovels, loppers, and mulch fork (\$200)
- Four-wheel drive pickup in good shape
- 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)

Acorn Shop

- clear plastic containers for storage:
Three 6" deep x 11" high x 26" long
Ten 9" deep x 11" high x 15-18" long



Project Wish List

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

- Stone walkways to and from the farmhouse need rebuilding. (\$1000)
- Stone walls around the greenhouse and walls around perennial garden need rebuilding. (\$800)
- Machinery maintenance volunteer to do oil changes, tune-ups, etc., on our equipment. (\$500)

Hardy perennials for sale—May 2002

Photo by Bern Allinson

SPECIAL EVENTS & Classes

TO REGISTER FOR SPECIAL EVENTS AND CLASSES, PLEASE USE THE FORM ON PAGE 7.

Children's Workshop

September 7, 9am-noon (Saturday)



Holly Hall will combine arts and plants through leaf casting in plaster of Paris and leaf printing with textile paint on t-shirts. The workshop is open to children of all ages. Children

under 8 years of age must be accompanied by an adult, but all parents are welcome to join the activities. Children should bring a pre-washed, plain t-shirt. All other materials will be provided by the Arboretum. \$5 members/\$7 non-members.

Big Tree Trip

October 5, 9am-2pm (Saturday)

Fred Breglia has discovered many state champion trees in Schoharie and neighboring counties. Join him on a tour to see some of New York State's biggest trees, many of which are on private lands that are not open to the public. Lunch is included. Registration and payment required by October 2. \$40 members/\$45 non-members

This workshop has been funded in part by the New York State Council on the Arts.

Fall Clean-Up Day

October 9 from 9am-until... (Saturday)

Join us at the Arboretum for Fall Clean-up Day. Meet other volunteers and staff, help the Arboretum and make a day of it with friends and family. Bring your garden gloves and pruners. Snacks will be provided.

For more information, call the Arboretum at 875-6935 or landis@midtel.com

Harvest Festival

October 19, 10am-4pm (Saturday)

Join local area businesses/farmers at the Fall Harvest Festival at NYS Power Authority in the town of Blenheim. For more information call 58-827-6121.

Halloween at Howe Caverns

October 25, 5:30-8:30pm (Friday)



Join the goblins and ghouls for a fun time in the caves at Howe Caverns. Proceeds benefit Landis and the Literacy Volunteers of Schoharie County. For more information call 518-296-8900.

FAMILY PROGRAMS AT THE ARBORETUM

How To Use a Map and Compass

August 24 (Saturday) 2-3:30pm

Anyone who ventures outdoors should know how to use a map and a compass. Learn the basics in this workshop for "beginning" outdoors persons.

Know Your Trees

Sunday, September 15, 2-3:30pm (Sunday)

Hike around the Landis Arboretum grounds and enjoy the fall foliage while we teach you how to identify the common trees of our area.

Nature for Scout and 4-H Youth

September 21 (Saturday) 2-3:30pm

Do you need some help with nature-related badge requirements and projects for your scout or 4-H child? Your questions will be our exploration.

The Whitetail Deer

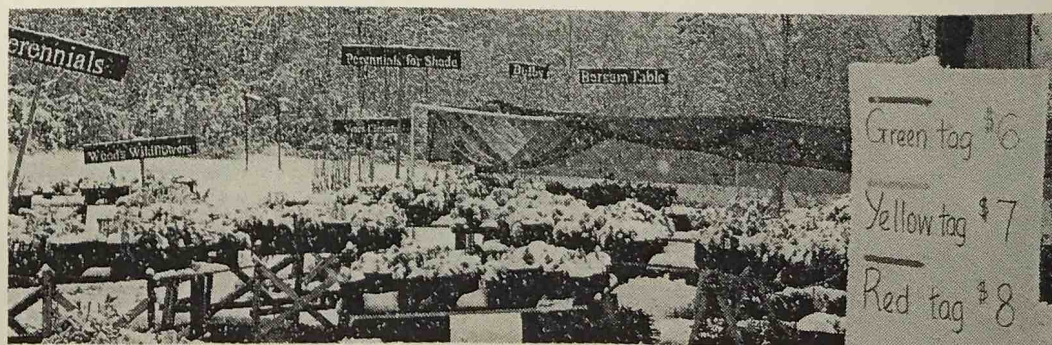
October 6, 2-3:30pm (Sunday)

Learn about the largest herbivore that inhabits our woods. Whether you consider it friend or fiend there's a lot to learn about its biology and behavior.

Owl Prowl

October 19, 7-9:30pm (Saturday)

Join us for the traditional year-end to the Family Program as we search and listen for owls in the woods of the Landis Arboretum and learn how and where they live.





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CALENDAR Upcoming Events

For registration and information call 518-875-6935 or landis@midtel.net; or use the registration form on page 11. 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.

Concerts and performances are presented in the Meeting House. Advance registration is requested. Free for children under 12.

Family workshops 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.

Pre-payment and registration is required for all general classes and workshops, trips and Horticulture Certificate classes. Call the Arboretum for workshop fees.

NEW! 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 2002 Newsletter or related articles in this issue.

August 24 (Saturday) 2-3:30pm
FAMILY PROGRAM
How To Use a Map and Compass
For "beginning" outdoors persons.

September 6 (Friday) 8:30 pm
STAR PARTY
Albany Area Astronomers meet regularly at the Arboretum. Visitors are welcome. Bring a blanket and a picnic supper if you wish. Free.

September 7, (Saturday)
9am-12pm
ARTS & PLANTS
Children's Workshop with Holly Hall
Children should bring a pre-washed, plain t-shirt. All other materials will be provided by the Arboretum.
\$5 members/\$7 non-members

September 14-15
(Saturday-Sunday) 10am-4pm
FALL PLANT SALE
See page 1 for article and description.

September 15 (Sunday) 2-3:30pm
FAMILY PROGRAM
Know your trees
Identify the common trees of our area.

Sept. 16, 23, 30, Oct. 7, (Mondays)
6-8 pm
HORTICULTURE CERTIFICATE
Level I, Course #3
Gardening with Wildflowers
Location: Room 118, Hodder Hall,
SUNY Cobleskill
Instructor: Holly Emmons
(see brochure insert in Newsletter)

September 21 (Saturday)
2-3:30pm
FAMILY PROGRAM
Nature for Scout and 4-H Youth
For those needing help with nature-related badge and other projects.

Oct. 1, 5, 15, 22 (Tuesdays) 6-8 pm
HORTICULTURE CERTIFICATE
Level II, Course #3
Identifying Trees and shrubs
Location: Landis Arboretum
Instructor: Fred Breglia
(see brochure insert in Newsletter)

October 4 (Friday) 8pm
STAR PARTY
Albany Area Astronomers (see listing for September 12).

October 5 (Saturday) 9-2pm
GENERAL CLASS
Big Tree Trip

October 6 (Sunday) 3:30pm
Family Program
The Whitetail Deer

October 9 (Saturday) 9am-until...
WORKFEST
Fall Work Fest
Help is needed to prepare the grounds of the Arboretum for winter. Meet other volunteers and spend the day.
Snacks provided.

October 16, 23, 30, & November 6
(Wednesdays) 6:30-8:30 pm
HORTICULTURE CERTIFICATE
Level I, Course #4
Botany for Gardeners
Location: the labs at SUNY Cobleskill
Instructor: Peter Kaskeski
(see brochure insert in Newsletter)

October 19 (Saturday) 10am-4pm
FAIR
Harvest Festival
NYS Power Authority in the Town of Blenheim. For more information call 518-827-6121.

October 19 Saturday) 7-9:30pm
(Saturday)
FAMILY PROGRAM
Owl Prowl
Search and listen for owls.

October 25 (Friday) 5:30-8:30pm
BENEFIT
Halloween at Howe Caverns
Proceeds benefit Landis and the Literacy Volunteers of Schoharie County. For more information call 518-296-8900.

November 1 (Friday) 8:00 pm
STAR PARTY
Albany Area Astronomers (see listing for September 12).

December 6 (Friday) 8:00 pm
STAR PARTY
Albany Area Astronomers (see listing for September 12).