



LANDIS ARBORETUM

THE NEWSLETTER

Esperance, New York

WINTER 2006

VOLUME 25, NO.1

A Year in Review: Horticulture and Buildings and Grounds

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Fred Breglia, Head of Horticulture and Operations

photo: Sonja Javarone

Susan Carver, Education Director

photo: Gloria VanDuyne

Sonja Javarone, President, Board of Trustees

photo: Marian Hoptopp

New Trees

Fifteen new species were added to our collections this year. Many of the new trees were part of the Tough Trees for Tough Sites Collection; others were just very interesting specimens. Two Camperdown elms, on my list of favorite trees, were planted, in addition to as a number of crabapples, oaks, and lilacs. We also planted pinxter azaleas in our Rhododendron Collection.

Labels

A grant from the Iroquois Pipeline Gas Transmission enabled us to complete the labeling for the Woodland Trail. We have now identified every species you will encounter along this trail. Three replicates of each species have the new photo-metal label attached, so finding a tree ID tag should be quite easy, adding to your informal learning during a visit to Landis Arboretum.

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Perennial Gardens

A grant from the Iroquois Pipeline Gas Transmission financed the labeling of the plants in Van Loveland Perennial Garden—great news for visitors. All of the wonderful perennials blooming throughout the year now have name tags. This year, the perennial gardens have received increased attention, thanks to the hard work of our hired gardener, Erin McKenna, and a group of dedicated garden volunteers. Both Erin and the volunteers have made a significant difference in the appearance and health of the gardens.

New Property/Ancient Forest

The Arboretum's newly gifted and purchased acreage has greatly expanded our environment, from 208 acres to over 540 acres. This new land not only preserves valuable green space but also adds even more diversity to our ecosystem, including a large tract of ancient forest and a beaver colony. It also offers several even more expansive views of the surrounding valley. The Arboretum's holdings are now contiguous with the neighboring state forest, making possible expanded hiking trails—including an awesome new trail that takes you into the ancient forest and back again—as well as many new projects.

Plant Health Care

Increased attention to our plants' health is starting to show results. Our plants are looking better than ever due to more pruning and fertilizing. Special thanks to Art Coleman and the rest of the Pruning Swat Team.

Better Trails

All of the trails through the Landis Arboretum have received special attention this year, making them more accessible than ever. We have rerouted some really wet areas and dug ditches to improve drainage in areas where water has been a problem. We have smoothed out the rough areas and improved the markers and signage throughout.

Continued on page 2.

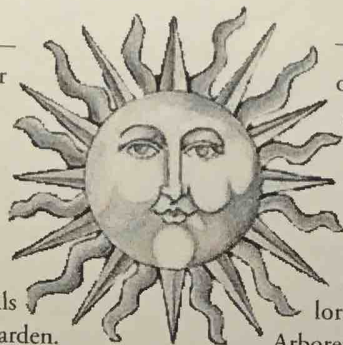


Landis trustee Ken Hotopp and Bill Fairchild agree on the transfer of 338 acres from Bill to the Landis Arboretum.

Everyone is invited to explore the expanded trail system and volunteer for the next clean-up day for the new property, usually the weekend following the Fall Plant Sale.

Set aside this date in your 2006 calendar: Saturday, June 17. You

are invited to come together with friends for our *Summer Solstice Soiree* from 7 until 10 pm. Musical accompaniment will entertain us on our strolls through the Van Loveland Perennial Garden. Larry Sombke, freelance garden designer and radio personality, will enlighten us with his extensive knowledge



of perennial plants for the summer garden. All proceeds will go directly towards the maintenance and development of the Van Loveland Gardens.

Please join us in celebrating a wonderful summer evening of food, music, entertainment—and gardening lore—under the white tent at the Landis Arboretum.

More information will be available in the spring newsletter. Call Landis at 518-875-6935.

Photo by Marian Hoptopp

Volume 25 Number 1

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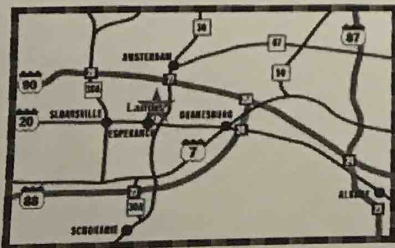
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The Arboretum is located one and one-half miles north of Route 20 in Esperance. Follow the signs from the village to Lape Road. The Arboretum is one-quarter mile straight ahead. Visit our website for more information and directions.



A Year in Review...continued from page 1.

Bluebirds

As always, we have had a great number of baby bluebirds born and fledge in our many bluebird boxes, another delightful feature of a visit to Landis. I have had a number of people personally tell me that they had never seen a bluebird until they came to Landis. Special thanks to Trina Bassoff, who has helped with this program for the past two years.

Publications

In addition to producing the quarterly newsletters, the committee has completed revising the membership brochure and is currently working to revise the *Notable Trees* and *Tough Trees for Tough Sites* brochures. Adequate funds are now available for publishing these important public relations documents. In-house documents will be produced for the native plants collection, the bog demonstration garden, and miscellaneous educational needs.

Education

The Landis education program has been considerably expanded through the efforts of Susan Carver, Education Director. Landis had visits from the Brown School in Schenectady, the Cobleskill Campus Child Care Center, and the Canajoharie Middle School. School programs and a school program brochure have been reevaluated and revised.

The Old Growth Forest Survey Report (exerpts): the Fairchild Hemlock Forest, Landis Arboretum

By Bruce Kershner

The Fairchild Hemlock Grove is an outstanding example of a pristine old growth forest in a region where forest cutting and clearing just after the Revolutionary War led to the virtual elimination of the original forest.

The previous owners of this tract of land did not log the forest because it grows on a steep slope. But the last owner was on the verge of logging when the Landis Arboretum purchased the property in 2005. In fact, a logging road runs along the bottom of the steep slope just outside of the Ancient Forest.

The forest covers about 25 acres on a steep north-facing slope overlooking the Schoharie River Valley. Eastern Hemlock is the dominant tree; Sugar Maple and American Beech are the second most common trees. A total of ten species of trees (and a massive River Grape vine) attain "old growth" status, a relatively high diversity for a hemlock-dominated forest.

The most unique feature of the site is that it is the only known site in the Northeast where Yellow Birch and old growth Black Birch and paper birch grow close together. In fact, old growth Paper

The year has seen renewed emphasis on outreach events, advertising, and the use of the media, as well as a focus on streamlining program registration procedures, maintaining and upgrading natural history notes for the kiosk, and updating the volunteer data base. The Arboretum added more opportunities for education through coordinated summer garden tours, workshops which include the Horticulture Certification Program with SUNY Cobleskill, and several special events. The position of Education Director is funded by the VanDerSticht Foundation.

Finance

Landis is always looking for operating funds and grants, and we thank our many grantors. The Arboretum ended the year 2005 in stable financial condition, one that is even somewhat improved over that of the previous year. The major fundraisers—the plant sales, the December luncheon, and the quilt raffle—were very successful. Fred Breglia and Gloria VanDuyne developed a handbook for plants sales that will greatly expedite the process. Long-range goals to enlarge the endowment will be critical in providing monies for staff and operating expenses.

birch is extremely rare, since this species rarely reaches 125 years old. The Paper Birch here could be as old as 150 to 175 years. The sun-loving Paper Birch, which does not normally grow in old growth forests, is probably growing here because seeds from the second growth forest on the plateau above blew onto the site, where one or several large trees fell down some time in the past, leaving a temporary sun-lit patch. Since then, the slope's steep orientation allows light to come in from a side angle, rather than from above, as would be the case in most old growth forests.

A second notable point is that the Landis Arboretum is now one of only three arboretums in the Northeast to possess an old growth forest. Even more notable is that its forest is pristine, whereas the old growth forests on the New York Botanical Gardens (NYC) and Rutgers University Botanical Gardens (NJ) have considerable disturbance and tree diseases.

Other unusual features include:

- extremely large (7" diameter) old growth River Grape, approximately 200 years old. It is very rare for grape vines to attain this size and age.

Continued on page 3

The Adaptable Red Maple

Acer rubrum

by Fred Breglia

Red maple is probably the most adaptable of the maple genus. The native range extends from Newfoundland to Florida and west to Minnesota, Oklahoma, and Texas. *Acer rubrum* is hardy from zone 3b to 9. In this region, red maples will usually be found in bottomlands near streams and rivers. They will

also be found growing as a climax species in old growth forests where the microclimate is too moist for the dominant sugar maple. Even though the red maple is usually found growing in moist well-drained soils, it can adapt to drier urban sites along streets and sidewalks.

In fact, red maple is a very widely used landscape plant. There are literally hundreds of cultivars available. Specimens can be obtained to match almost any shape or color. *Acer rubrum* 'Bohall' is an extremely columnar cultivar that has branches growing in very upright angles, which makes this cultivar useful in areas where you may want a tall tree but don't have the room for large branch spread. I have seen these trees used very effectively next to tall buildings. *Acer rubrum* 'Autumn Flame' has early and persistent red fall color and a rounded habit. 'October Glory' red maple has excellent dark red fall color. *Acer rubrum* 'Karpick' has reddish stems and yellow fall color.

Red maple gets its name from the little bright red flower clusters that bloom in March and April before the leaf buds open. One of my favorite times to be outside at the Arboretum is in the spring, when the red maples are in full bloom. In his book, *Manual of Woody Landscape Plants*, Michael Dirr writes that, in Georgia, flowering times for red maple vary. In the South, some trees start flowering in January, others start in February, and some trees actually flower in March. According to Dirr, "I have assessed the peculiar sexual preferences of this species—actually quite kinky for a given population of seedlings: staminate, pistillate, monoecious, and monoecious with hermaphrodite (bisexual) flowers occurring."

Continued from page 2.

- numerous old growth Hop Hornbeams, up to 240 years old. This small tree is commonly believed to be short-lived to moderately long-lived, but the specimens here range to 240 years old, surpassing all published records.
- a colony of Oak Fern (*Gymnocarpium dryopteris*), a very uncommon species, which has legal protection under state law. It grows with Blue Cohosh (*Caulophyllum thalictroides*). Both these species are strong indicators of old growth forests and undisturbed very mature forests.
- numerous American Chestnut logs lying on the forest floor with very little decay since about 1925. This species was once part of this

forest until the devastating chestnut blight destroyed every mature chestnut in North America. The logs are 80 years old, and as living trees, they were 50–75 years old when they were killed. They are really a unique kind of natural "antique."

Be sure to visit this wonderful forest the next time you are out at Landis Arboretum. This trail is approximately 2.5 miles roundtrip from the parking lot and is moderately difficult. The preferred way to hike this trail starts up at the Meeting House parking lot. Follow the Woodland Trail out past our smaller Old Growth Forest on the way to the Great Oak. From the Great Oak, follow the Acorn Trail to

The leaves of red maple are oppositely budded and have 3 dominant lobes but can sometimes exhibit 5 lobes. Leaves range in size from 2" to 4" and have red petioles. Buds are comprised of many scales and are usually red to green in color.

The bark of red maples is light gray and smooth in youth but turns dark gray and rough in older age. In some of the old growth forests that I have visited over the years, I have had the privilege of encountering an extremely shaggy old tree. The very first time I saw this species in an ancient forest, I thought it was a shagbark hickory, but upon closer inspection it turned out to be a red maple.

The oldest red maple was found during an old growth forest survey that we conducted in the Palmagatt Ravine, a part of Minnewaska State Park near New Paltz, NY. This tree was rather small in diameter, only 18 inches, but was an astonishing 328 years old and remains the oldest found today. On another old growth trip, I found a giant red maple that was 18 feet in circumference at 4.5 feet from the ground. This tree was only 180 years old and was growing in

an ideal location. The typical growth rate is usually medium to fast, 10–12 feet in 5 to 7 years. At maturity, this species reaches heights of 40–60 feet, but it occasionally reaches 100 feet. The national champion red maple is 179 feet tall with a canopy spread of 120 feet. This truly remarkable tree is growing in the Great Smoky Mountains of North Carolina and has a trunk circumference over 19 feet.

References

- Dirr, Michael A. 1998. *Manual of Woody Landscape Plants* 5th Edition, Stipes Publishing L.L.C., Champaign, Illinois.
- Bassuk, Dr. Nina. 1998. *Urban Trees: Site Assessment Selection for Stress Tolerance Planting*, Urban Horticultural Institute, Cornell University, Ithaca, New York.

the bottom of the hill, where you take a left. In a few hundred feet you will see the sign for the Ancient Forest Trail. Follow this trail to the Old Growth, about a mile. Seeing the forest the way things used to be is like taking a walk back in time.

Remember "If you're not Forest, then you're against us."

HELP!

Dolores, the Arb's ace office manager (landis@midtel.net) would really, really love it if everyone would update their email addresses!

WISH LIST

Equipment Wish List

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

- Bird seed and suet
 - 10 more pairs of snowshoes
 - Projector for PowerPoint presentations
 - Newish laptop computer
 - Picnic tables and benches (\$250)
 - Hardback rakes, shovels, loppers, and mulch fork (\$200)
 - Trowels and other small gardening tools
 - Troy Built hand cart
- And always, the large tractor—
- Used tractor (Ford or equal quality) with front-end loader (\$7000)
 - Snow blower

Project Wish List

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

- Plumber for odds and ends (\$300)
- Mechanic to work on our pickup trucks
- Stone walls around the greenhouse and walls around perennial garden need rebuilding. (\$800)
- Someone to work on or donate a quilt to raffle this year (2006).

Donations

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

Education Wish List

- Animal skins in good condition
- Wildlife guides
- Insect collections
- Local rocks and fossils
- Tree identification books
- Leaf identification books
- White enamel pans
- Tall rubber boots
- Walkie-talkies
- Environmental science tools
- Compasses

For more information about volunteering and offers of donations, please contact our office at 518-875-6935.

THANK YOU TO OUR VOLUNTEERS

Volunteers are precious resources at Landis. They donate their time indoors and out, in groups or as individuals, on a regular basis or a special basis—and have fun doing it. You can join this valuable group of supporters. Please contact Landis at 518-875-6935 or landis@midtel.net for additional information.

2005 Plant Sale Volunteers

Virginia Alkemper	Phylis Olsen
Ann Bevins	Gil O'Brien
Linda Bevins	Don Orr
Shawn Bevins	Robbie Paine
Nancy Bidwell	Cheryl Perog
Paul Blair	Gerald Peters
Barbara Brabetz	Barbara Pollack
David Browning	Dave Pollack
Gail Browning	Rena Powell
Dave Buddle	Viktoria Serafin
Mim Butzel	Cindy Skala
Dick Clowe	David Smith
Art Coleman	Jane Smith
Pat Daly	Jean Post Surmai
Rebekah Dingee	Bill Tarri
Rose Elliot	Scott Trees
Ben Fox	Pam Trickett
Jack Fritz	Nancy Van Deusen
Tom Edmunds	Earl Van Wormer
Louise Giuliano	Mary Beth Vought
Dominic Giuliano	Sandy Willis
Mike & Sue Gutbezahl	Gary Woods
Priscilla & Lawson	Toine Wycoff
Harris	Art Young
Ken & Marian Hotopp	Nick Zabowsky
Amy Howansky	
Barbara Hunt	
Diane Jankowski	
Heidi Johnson	
Bonnie Keller	
Molly Kelly	
Gail Kessler	
Jane Kirstel	
Alicia Kloczko	
Jodi Krause	
Rita Krom	
Judith Lott	
Carol Loucks	
Nolan Marciniec	
Erin McKenna	
Claudia McLaughlin	
Laurie Meyer and Youth Group	
Laura Mitchell	
Lisa Murphy	
Gina Nielsen	
Amy Nevin	
John Nevin	
Sandy Nevin	
Ken Nichols	
Rita Nolan	
Carole & Bob Olsen	

Because of a computer melt-down, we can only do general "thank yous" to volunteers of the Plant Sales, Tire Cleanup Day and the Workfests. If we have missed anyone, we apologize.

All Volunteers

Please remember to record your volunteer hours while helping Landis. We use these hours on grants applications, in reports, and for volunteer recognition.

THANK YOU TO—

Advanced Auto Repair of Voorsheesville, for 6 pairs of snowshoes with poles.

The Feed Bag of Cobleskill, 40 pounds of bird seed.

Heather Magoon for the donation of animal skeletons, nature collections, books, and a microscope.

THANK YOU

TO OUR CORPORATE MEMBERS FOR THEIR GENEROSITY.

American Hotel, *Doug Plummer & Garth Roberts*

Environmental Clearinghouse of Schenectady

Glenbrook Farm, *Viktoria Serafin*

Gardener's Workshop

Keyserkill Studios, Inc., *Tressa Vellozzi*

Plantscapes Country Gardens

Temper Corp., *John Rode*

Young Home Heating Fuels, *Robert Young*

We've Met the Challenge!

Landis member Barbara Hunt offered a challenge in memory of her sister, Olive Richmond. Thanks to all of you who generously contributed to help reduce drafts and our heating bill in the Arboretum's offices through the replacement of the wooden doors and some of the windows. However, we still need to add more storm windows to the building. To help with this effort, please contact the Arboretum at 518-875-6935 or landis@midtel.net.

We welcome other challenges to help raise funds for projects and activities that are of special interest to you.

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LANDIS PORTRAITS

A series about the people behind the plants at the Landis Arboretum

Nolan Marciniac

Bob & Carol Olsen

A spring plant sale brought Carol and Bob Olsen to the Landis Arboretum in a late season snow, and they've volunteered to work at every plant sale since.

Both are seasoned gardeners. Bob worked in the lumber and dairy industries for many years, and Carol asserts, "I have to have plants in my life" Former Long Islanders, they are now full-time residents of Schoharie County, where they've become acclimated to a stony soil and an overlong winter. They maintain a small greenhouse (with its resident cat) in addition to vegetable and perennial beds. Carol's computerized records indicate that they have introduced over 500 different plants to their property.

Both are also retired science teachers who admit that for them learning is an "addiction." They describe themselves as "classic life-long learners" who've taken many if not all of the workshops offered at the Arboretum as well as the courses in the horticulture certification program.

Both teachers see Landis as an educational resource in other ways too. The Arboretum's collections of lilacs, rhododendrons, and crabapples hold a particular attraction for them, as does the Van Loveland perennial garden. For Bob, the Arboretum's holdings are "an excellent example of marginal land used for beneficial rather than destructive purposes." They also credit their volunteer time at Landis with introducing them to many new friends from whom they've learned a lot.

Volunteering at the Arboretum seemed a "natural thing to do" for the Olsens. Their philosophy holds that if you take, you need to give something in return. "If you believe in something, you need to do something," Bob said. Besides, he quipped, "It keeps me out of trouble."

Sue Gutbezahl

"Believe me, it's a relief when your only client is Mother Nature. She's reasonable, benevolent—and gives a great pay-off," she said.

Sue Gutbezahl's professional life and her interest in gardening have been brought together at Landis—a kind of cross-pollination. She brings her artistic sensibility to the Arboretum's print communication, from refrigerator magnets to brochures to the newsletter.

Sue comes from a long line of Pennsylvania Dutch farmers. "I wouldn't want to ever pick another strawberry," she said, although she still gardens on a smaller scale in her Albany backyard.

A graduate of Pratt Institute, she worked in New York City for the first part of her career, earning an Award of Excellence from the Society of Illustrators. After her move to Albany in 1968, she continued her design work, mostly for SUNY Albany but also in her own business.


Sue came to Landis as a consultant. She helped to create a

distinctive "look" for the Arboretum's printed materials. Now she serves as design and production editor for the newsletter.

Gardening, she says, is just another form of design, under a different set of constraints. In an odd way, she says, her contact with Nature at the Arboretum "humanizes" the hours she spends working on the newsletter in front of a computer screen.

Her volunteer time has been very satisfying, knowing that she's brought a professional look to the Arboretum's communications and having had the opportunity to meet some "tremendous" people.

Sue spends a good deal of her volunteer time indoors at the Farmhouse attending meetings of the publications committee, "looking at the Arboretum from the other side of the window." But she also relishes the outdoor activity at Landis, whether it means setting up for the annual plant sales or cutting brush on a crisp January afternoon.



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.....

A Great Read for Late Winter (before gardening begins)

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- Professional arborist and nature writer, William Bryant Logan, has recently published a book on oaks and humans and their intimate symbiotic relationship going back to the beginnings of human history. Logan's account is a great read for tree lovers and history buffs.
- Logan, William Bryant. 2005. *Oak: The Frame of Civilization*, W. W. Norton and Company, New York.

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LANDIS IS FOR LEARNERS

by Nolan Marciniac

It was as diverse a group as any—including three groundskeepers, a business woman, a retired teacher, two master gardeners, a new home owner... But what brought them together in Fred Breglia's Arboriculture class, offered this fall as part of the Horticulture Certification Program at Landis, was their common interest in plants.

Since the Horticulture Certification Program's inception in spring of 2000, more than 300 people from all walks of life have taken more than 25 class sessions. The courses are taught by experts in their fields from Landis, SUNY Cobleskill and the surrounding communities.

The program is a cooperative effort between the Landis Arboretum and SUNY Cobleskill's Division of Agriculture and Natural Resources. It is a non-credit adult-education program. Generally, a sequence of eight required courses, each requiring 16 contact hours, is the minimum requirement for certification.

According to Susan Carver, Education Coordination at Landis, the program is designed for avid gardeners who wish to enhance their skills and for professionals in horticulture who would like to better serve their customers. Carver says that the horticulture certification program reflects the Arboretum's 1990 vision statement, to "be recognized and respected within our community and among our peers for... educational programming."

Carver pointed out that Landis' program differs from Cornell's Master Gardening Program. The Cornell program offers "a taste of everything," while the Landis program offers "immersion in a topic"—depth as opposed to breadth.

Classes in the program are organized in two levels. Courses in Level I focus on basic knowledge of plant structure, the care and maintenance of plant materials, plant identification, soil composition, and landscape design. Level II courses offer more specific study of plants and plant types, as well as gardening methods such as hydroponics. Students in these courses also learn about the propagation of plant

material and the principles of integrated pest management.

Judy Drislane, a gardening enthusiast who has taken six courses in the program, said, "I've expanded my knowledge of the plants already in my home landscape and the woods around me. We built our home three years ago in what was woods for as far back as anyone can remember. We're also at 1500 feet or so, on a ridge with western exposure, giving us a solid Zone 4 and, in some spots, a Zone 3 climate. We are also blessed with clay and bedrock. Learning to really match plants to these conditions has been a key to the successes we've had."

"In classes like Health Care for Trees and Shrubs, Botany for Gardeners, and Arboriculture, I've begun to learn to avoid problems through proper care and planting and how to troubleshoot when problems occur," Drislane commented. "After several classes with Fred, believe me, I'll never look at trees the same way again."

Courses in the program to be offered in the spring will include: Soils and Grasses, Extending the Growing Season, Container Gardens for Public and Private Spaces, and Next Steps in Landscape Design.

Spring Courses and Registration

Landis Arboretum and SUNY Cobleskill offer a program designed to inform horticulture professionals, homeowners, and garden lovers about the latest in cultural practices and landscape design. Certification is awarded to students who complete six courses in level I or level II. For information about registration, please call 518 255-5528 (Office of Community Outreach, SUNY Cobleskill). You may register by check or credit card. Registration and payment is due two weeks before each course begins. All courses are \$80.

Level 1

March 14, 21, 28, & April 4, 7-9 pm (Tuesday)
SOILS AND LAWNCARE

Instructor: Zhongchun Jiang (ZJ), Associate Professor, Turf Sciences, SUNY Cobleskill
Prerequisite: none

Location: SUNY Cobleskill
Understanding different soil types is essential for landscape design and maintenance. We'll spend four hours learning about the types of soils commonly found in the Northeast and how they can be modified to best suit their landscaping goals. Secondly, we will learn how to maintain lawns throughout the year.

Level 1

March 8, 15, 22, & 29, 6:30-8:30 pm (Wednesday)
NEXT STEPS IN LANDSCAPE DESIGNS

Instructor: Sandra Zwink, owner, Sandra Walck Garden Design
Prerequisite: familiarity with gardening and/or landscape maintenance.

Location: Landis Arboretum, Esperance
Materials fee: \$5.

Enhance your garden design skills by using professional methods of site analysis, evaluating, maintenance considerations, and aesthetic elements.

Level 2

March 18 & 25, 10-2:30 pm (Saturday)
EXTENDING THE GROWING SEASON

Instructors: Jano Nightingale, Horticulturist, Schoharie Cornell Cooperative Extension
Bob Sutherland, Greenhouse Manager, SUNY Cobleskill

Prerequisite: none.

There is a \$5 materials fee for this class
Locations: SUNY Cobleskill Plant Science Department where we will tour a wide variety of greenhouses.

This course is designed for any gardener who would like to learn how to extend the growing season of flowers and vegetables in a cold climate. We will discuss how to build a simple greenhouse and get a head start on growing seeds. In addition, we will discuss cold frame construction, row covers and hardening-off techniques.

Level 2

March 6, 13, 20, & 27, 7-9 pm (Monday)
CONTAINER GARDENS FOR PUBLIC AND PRIVATE SPACES

Instructor: Christy O'Callaghan-Leue, Annuals Specialist, Wells Nursery
Location: Landis Arboretum, Esperance
Prerequisite: none.

There is a \$5 materials fee for this class

Explore the passion and beauty of creating container gardens. Together we will learn not only the art, but also the maintenance of season-long color on a very small scale.

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- Quarterly Arboretum newsletter filled with articles about our collections and activities
- Advance notice of classes, tours and many other special events
- Discounts on classes, trips, events and Acorn Gift Shop purchases
- The satisfaction of helping to sustain a valuable natural resource
- Members only events: Pick of the Pots Plant Sale Preview Party, and guided tours of the new trails and grounds

Membership is the most important part of the Arboretum's financial support. To join, contact the Arboretum at 518-875-6935 or landis@midtel.net.



Welcome

to New Board of Trustees Members

Anne Donnelly is a longtime Schoharie County resident who has retired from her position as biology professor from SUNY Cobleskill in May 2005.

Donna Vincent is the owner of Plantscapes Florist and Greenhouses, Duaneburg.

Gerald Peters is a retired teacher and avid home gardener as well as active volunteer in our Van Loveland Gardens.

Sandra Zwink somehow knew she would win the quilt raffled off to benefit the Landis Arboretum. She bought her winning ticket at the Spring Plant Sale. She wanted to give the quilt as a thank you to a friend who helped her during her recovery from cancer surgery—and she did just that.

Congratulations and good health, Sandra!