



The Great Oak

THE NEWSLETTER LANDIS ARBORETUM

Esperance, New York

SUMMER 2001

VOLUME 20, NO. 3



Photo by Bob Grimm

FALL PLANT SALE

SATURDAY AND SUNDAY, SEPTEMBER 15-16, 10 AM-4 PM

Herm Finkbeiner, Chair

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The Fall Plant Sale will be held on Saturday and Sunday, September 15 and 16, from 10 am-4 pm on both days. Although on a smaller scale than the Arboretum spring sale, there will be a large variety of perennials, ornamental grasses, as well as deciduous and evergreen trees and shrubs, including dwarf conifers. The plant sales are a major source of income for the Arboretum so this is your chance both to acquire unusual plants and to help keep the Arboretum thriving.

The Plants that Weren't There

If you attended the spring sale, you may have been disappointed that some of the

promised plants weren't there! We had a great deal of difficulty securing many of the species we had planned on, some because, in the spring, the suppliers simply didn't have what they said they would. It's farming—as with all other kinds of farming, largely at the mercy of the weather.

Other plants weren't available because we here in the New York Capital District also had trouble with the weather. Many of the items we had planned for the spring sale simply didn't leaf out well enough to be attractive by the time the sale came around. However, they have been growing all summer and many, including a large variety of roses, will be available at very competitive prices—as is said in the trade.

Plant Donations

The success of last fall's sale was due in part to generous donations of plants by members. Again, plants are being sought for the sale. As you divide perennials, consider the sale as a destination for unwanted divisions. We do need to have any donated plants ready for the sale table; there isn't time to report or groom. Please provide a label with the name of the plant. In order to have plants in standard-sized containers, we can supply pots for your use. Just call the office, 875-6935, for information.

FROM THE Garden

Gloria Van Duyn, Executive Director

When I left the position of executive director of the Landis Arboretum in 1997, I never would have guessed that I would work here again. My husband's job allowed us to travel extensively in the last four years, including two years in Australia. After returning to the States, we were ready to settle down. We are both originally from New York State and consider it home. I have been doubly fortunate—returning to the Arboretum and finding a home in beautiful Schoharie County.



Photo by Fred L.

continued on page 2

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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From the Garden, continued from page 1

While my husband and I were in Australia, we continued to think of Landis as our arboretum. It belongs to all of us. As a public garden it is here for our enjoyment, whether it is for a family program, a horticultural class, art lessons, a walk in the woods or just a quiet place to be alone. We have a relationship with this garden of trees. Without Landis, the quality of our lives would be lessened. Without us, the members, Landis would not exist. There would be no Van Loveland Perennial Garden, no crabapple or conifer collection, no Great Oak, and no woodland trails for any of us to visit.

Thanks to the founder, Fred Lape, and the original benefactor, George Landis, a public arboretum was established in 1951. This year our arboretum is 50 years "young" and still growing. Landis has come a long way over the years because of all the people who care about it. The grounds look great; the barn has been renovated; the Master Plan is progressing. A continuing challenge in carrying out all of the great work has been the financial needs of the arboretum.

Consider the collections: We need proper equipment to maintain the grounds; we need gas to run the equipment; we need staff to operate the equipment; we need a place to keep the equipment. The requirements of maintaining the arboretum and its programs for the public are an ongoing challenge.

Our goal is to improve our income base by building our membership roles, by seeking more grants and by obtaining more corporate support than we have in the past. Arboretum members can play a major role in helping. When you renew your membership, first, urge a friend to become a member; second, consider renewing at a higher level. Give a few dollars more to the annual appeal this fall. Consider an extra contribution to the endowment—an investment in the Landis Arboretum's financial future. Your contributions, no matter what size, make a difference.

A Brief Background

Professional

Master of Science in Natural Resource Management and Administration from Antioch New England Graduate School, Keene, NH, 1996

Executive Director at Landis 1996-1997

Worked for The Nature Conservancy and New York Parks and Conservation Association

Volunteered for numerous organizations, including Birds Australia, Victorian Wader Study Group, Berkshire Bird Paradise Nature Center, NYSDEC, New York Audubon and Maine Audubon Societies.



Photo by Fran Finkbeiner

The Passing of a Friend

The Arboretum lost a devoted friend when Dr. Robert Raymond passed away on July 11, 2001. Dr. Raymond (above, with Mrs. Raymond) was born in Albany in 1915, was a graduate of Harvard University and Albany Medical College and, among many other accomplishments, had a distinguished private clinical practice and served as head of the Division of Allergy at the Albany Medical College. Dr. Raymond was formerly a Trustee of the Landis Arboretum. He and his wife, Marion, have been long time members and supporters of the Arboretum. Dr. and Mrs. Raymond funded the building of our greenhouse in memory of their son, William, who passed away in 1978. Dr. Raymond loved plants, geology, music, singing, dancing, medicine, food and his family. His kindness was unending and his enthusiasm for life was an inspiration to all who knew him. Mrs. Raymond asked that in lieu of flowers, donations be made to the Landis Arboretum or The Nature Conservancy. To date, we have received over \$1,800 in memory of Dr. Robert Raymond.

MANY THANKS to the following people for their generous gifts.

- Ron Needle—work on our tractor and picnic table
- Terry Staley and Sonja Javarone—ongoing contribution of beautiful photos of Landis flora, fauna, events, and buildings
- Catherine Klatt—office furniture
- Richard Knapp and Harold Hagemann—John Deere tractor
- Herm Finkbeiner—tractor bearings
- Nick Zabawsky—a new color printer
- Don Beckley—two desks
- Maria Van Duyne—office supplies

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

- Boot scraper for use at the kitchen door. (\$25)
- 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)
- Paint for the floor of the Meeting House (approx. 700 sq. feet)

And always, the large tractor—

- A John Deere 790 or machine of equal quality. 4wd, 30hp, with backhoe and loader. (\$20,000)

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)
- Assembly (by a volunteer) of a gas tank pad to be installed at the arboretum. Materials will be supplied.
- Floor of Meeting House needs painting.

COLLECTIONS News

Fred Breglia, Head of Horticulture and Operations

In this beautiful season of summer we would like to invite all members to come out and explore the plant collections of the Landis Arboretum. If it has been a while since your last visit you will certainly see many changes around the Arboretum. Your visit will be made even more pleasurable with the help of a new brochure and an updated overall trail map, available at the parking lot kiosk. The new and improved hiking trails have been added to help guide visitors throughout the entire property.

Each season brings with it new delights. Spring blends into summer with the blooms of late tree lilacs, mountain laurels, mountain ashes, spiraeas, peonies, and the traditional July perennials that fill the Van Loveland perennial garden. The Beal peony garden looked good this year as many of the peonies put on their full show. The lilac blooms this year were spectacular as were the rhododendrons. The older Fred Lape cultivar crabapples and the new resistant varieties produced exuberant blooms.

Directly above the crabapple collection and throughout most of the collections areas is the Pinetum: an outstanding collection of conifers, including 16 species of firs (True firs belong to the genus *Abies*). *Abies* perform well in moist clay-loam soils. The Arboretum has just registered our fir collection with the North American Plant Collections Consortium (NAPCC). The NAPCC established by the American Association of Botanical Gardens and Arboreta (AABGA), has tremendous potential as a vehicle for the conservation of plants, through a coordinated, continent-wide effort among botanical gardens and arboreta. In addition to the fir collection, we have also registered our buckleyas with the NAPCC.

For those of you who are not familiar with *buckleyas*, parasitic woody shrubs, that are rare in its native range of North Carolina and Tennessee. It has a light green color and open appearance which makes this shrub quite appealing. The Arboretum has a large number of excellent specimens of *Buckleya distichiophylla*. Our specimens are located along the path from the lower parking lot to the rhododendrons.

The master-planning process is continuing. It is exciting to think about the tremendous potential ahead, as we talk about more land additions, loop roads, more collections, signage, trails, new buildings and more staffing. Of course funding is the biggest factor when discussing these plans.

We continue to improve this wonderful place for which we are responsible. Proper pruning, thinning, feeding, and labeling of our specimens has lead to increased health and vigor. With the help of the Private Industry Council work crew our collections have received fresh mulch. Our trails have gotten some needed attention, especially the new trails that were cut last year. Brush clearing continue to open and maintain our spectacular views of the Schoharie Valley. All of these factors help to bring Landis Arboretum into national and world recognition.

The Native Plant Committee has continued to work on identifying all of our native woody plants. The goal is to have all the native plants at the Arboretum identified and labeled, and to add plants we do not have that would live here on our site.

We hope you will come out and visit this garden of trees and shrubs. Remember to dress appropriately. At times the Arboretum can be wet underfoot—wear protective footwear. Insects can be a nuisance—bring insect repellent. “Nobis placeant ante omnia silvae”... “Before all else may our joy be in the forest.”

Enjoy!

'MORE GIFTS... MORE GIVERS'

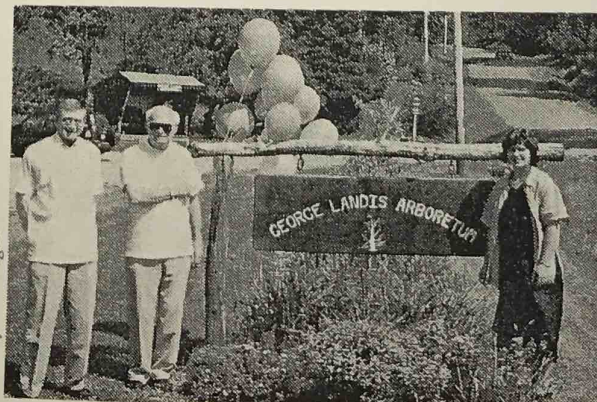


Photo by Fred Breglia

General Electric delivers a check from the 'More Gifts...More Givers' program that matches contributions made during 2000 by GE employees and retirees.

GE retirees, Marvin Waxgiser and George Terwilliger, and Gloria Van Duyn, Executive Director of the Landis Arboretum, stand by the entrance sign.

GE employees and retirees donated \$29,756.34 to the Landis Arboretum.

WELCOME New Members

Peter M. Bakal
Carolynn S. Barry
Mary Lou Burbine
John & Barbara DiCocco
Barbara Danowski
Jim & Nancy Dobiel
Clare Dougherty
Tom Edmunds
Michael & Diana Gelfand
Jennie Haver
Thea Hoeth
Susan Holland
Rosaline Horowitz
Dave & Deb Joralemon
Cynthia King
William & Tammy Krisher
Jim & Maria Kuethe
Alex Luniewski
Suzanne Lombardi
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Mary Ann Micheri
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Terri L. Rinella
Carl & Janet Sand
Linda Van Schaick
Maria Schellenberger
Judith Shannon
Reinhard & Patricia Sidor
Joseph Webster Stayman
Marsha Stock
Joe Stocks
Mike & Mary Tisi
Scott Trees
Richard J. Trimble
Gloria Van Duyne
Dawn & B. Mereness Vink
Donna Walker
David & Ellen William

SPECIAL EVENTS & Classes

Sunday, September 9, 10-4

The Arboretum Garden Tour

Fran Finkbeiner

Visits to the first three gardens on the Arboretum-sponsored garden tour were judged to be spectacular—and satisfying to a gardener's soul! We are so grateful to Henry and Joan Ferguson, Nick Zabawsky, and David and Olivia Skory for opening their gardens for the benefit of Landis.

The fourth garden, that of Paul and Dot Schneider, 121 Main Street, Cambridge, NY will be open from 10-4 on Sunday, September 9. If you missed touring the gardens in June, perhaps you would like to join us now? Tickets are \$8 each through the Arboretum office, 875-6935, or at the garden on September 9.

About the Schneider's garden

With gardening parents, it was only natural that Dot and Paul would build some sort of garden, theirs at the mid-1800s home where Paul grew up and has lived for more than 50 years. They still have some of the woodland plants that Paul and his mother collected when he was a child.

The garden is set up as a stroll garden with pathways intended to make the garden seem larger than its 85 by 350 foot site. The garden grew out of an interest in bamboos and quickly spread to other ornamental grasses, alliums, willows, dwarf conifers, Asian maples, hostas, Asian and native plants, and on and on. A year around stream marks its northern boundary and gives them a site for moisture-loving plants. They use native stone, water features, sculpture and a meditation hut to further enhance their garden that displays nearly 1000 species. A garage workshop, large potting shed and two greenhouses share the site.

Dot and Paul say, "Our goal—if there is a goal to this passion—is to let people realize how much garden can be built into a relatively small space and to enjoy a tiny bit of the diversity of the plant kingdom. We look forward to your visit!"

Make a day of it. The historic—and recently renovated—Cambridge Hotel is the home of pic à la mode and serves a tasty Sunday brunch and dinner in the evening. Also, you may want to visit the Valley Artisans Market in Hubbard Hall on Cambridge's Main Street.

Directions:

From the intersection of Routes 22 and 372, travel west on Route 372 (Main Street) for ¼ mile to the sign for the hospital. Turn left onto Myrtle Avenue and park on the right side of the street. Walk back across Main Street to 122 West Main Street. Watch for Landis Arboretum signs.

Four Tuesdays, September 4-25, 4:00-7:00 pm

Drawing in the Garden

Botanical artist, Anne Jaster, will offer botanical drawing classes on four Tuesdays, September 4-25, from 4-7 pm. Members, \$40; nonmembers, \$45. For more information, call the Arboretum at 875-6935

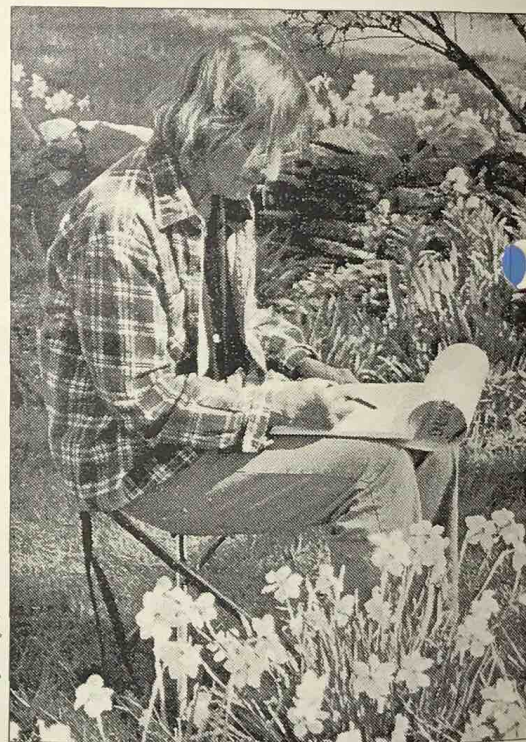


Photo by Sonja Javarone

Thursday, November 8, 10:00 am-1:00 pm

Rustic Wreath Workshop

Esperance resident Barbara Weloth will be teaching a rustic wreath workshop. Wreath materials will be provided. The workshop will run from 10 am to 3 pm with a ½ hour break for lunch. Participants should bring their own bag lunches; the Arboretum will provide beverages. The fee is \$30 for members, \$35 non-members. Registration is limited—call the Arboretum at 518-875-6935—deadline is noon, Monday, November 5.

SPECIAL EVENTS & Classes

Wednesday, September 26th, 7 am–7:45 pm.

Bus Trip Scheduled To Cornell Experiment Station

Anne Jaster

Would you like to spend a beautiful September day in orchards and vineyards, and learn about the remote and exotic origins of apples? Plan to travel with us to Geneva, NY on September 26th, the perfect time to tour the collection of apples and grapes grown at the USDA Agricultural Research Station (ARS). Sample some of their thousands of varieties of apples (the grapes are adjacent to the apples, so try them, too!). Expect to encounter familiar varieties you've heard the old-timers talk about, perhaps an apple or grape from the "old country"—Italy, Germany, Australia or countless other places. They are nearly all here, many of them now obsolete, no longer available in our markets and nurseries. They are experimental newcomers. Talk about diversity!

Researchers now think that apples originated in Central Asia and then migrated along trade, silk and spice routes into the Middle East and Western Europe, making adaptations all along the way and forming the parent stock of the apples we know today. Preserving the genetic material of these original apples is the mission of Dr. Phil Forsline, curator of the apple collection.

Since 1989, Dr. Forsline has made two trips to the high, rugged hills of Kazakhstan, one to Western China and the latest to the 11,000 ft. Tibetan plateau, one of the most botanically diverse regions of the world. The purpose of these expeditions has been to expand the apple collection at the Plant Genetics Resource Unit (PGRU) which is used for breeding and species preservation. The precious budwood

collected by Dr. Forsline and his teams is cryogenically preserved in the Geneva laboratory. Dr. Forsline will conduct our tour of this clonal repository.

The Schedule

Leave Wade Tours terminal, 797 Burdeck St. Rotterdam, Sept. 26, 7 am; mid-trip rest stop (30 minutes)

Arrive Geneva, 10:30 am; box lunch on arrival
Tours: Laboratory; orchard and vineyard.

Depart Geneva, 4 pm; mid-trip food and rest stop (45 minutes)

Arrive Wade terminal, 7:45 pm.

\$65

Preregistration by Wednesday, September 19 for \$10 discount. Registration is required by noon, Friday, September 21. Call the Arboretum at 875-6935

Horticulture Certificate Program Presents Fall Schedule

Nancy Boericke

The Horticulture Certificate Program, operating as a cooperative venture with the State University at Cobleskill's Division of Agriculture and Natural Resources, has just published its third brochure. The program's fourth session, begins on Wednesday, September 5 with "Hardscaping in the Landscape."

For those unfamiliar with landscaping lingo, hardscaping refers to the walls, paving, and wooden elements added to your landscape for aesthetic or practical reasons. If you need a windbreak for tender varieties of plants, why not make an attractive wall or erect an appealing fence?

Professor George Crosby will explain the how, why, and where of these kinds of structures in classes held from 6 pm to 8 pm at the Arboretum.

Beginning on Tuesday, October 2, Elizabeth McNeil will teach "Annuals and Perennials of the Northeast." The class will learn about the most useful of these plants and how to care for them over the long haul.

In the spring of 2002, the program will include Level II courses. These courses are intended for students who have taken Level I courses that provide the background for more advanced study of horticultural topics such as landscape design, pest management, and specialty gardening.

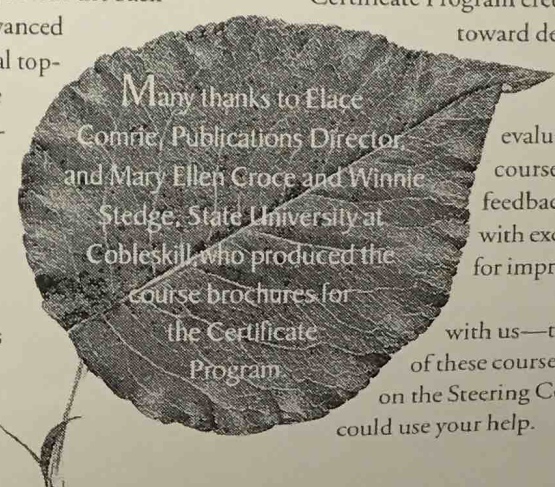
The Certificate Program is in its final form: Eight Level I courses and eight Level II courses taught by

professional teachers and specialists active in various areas of horticultural work. A certificate is awarded to any student who successfully completes six of the eight courses offered at each level and passes instructor evaluations. Most of these courses qualify students for continuing education credits from the International Society of Arboriculture and New York State Certified Nursery Professionals. It is the aim of Landis, working with SUNY Cobleskill to ultimately have Landis' Horticultural Certificate Program credits be transferable toward degree

programs.

Student evaluations from each course have provided feedback on the program with excellent suggestions for improvements.

Come grow with us—take some or all of these courses, or offer to serve on the Steering Committee. We could use your help.



Many thanks to Elace Comrie, Publications Director, and Mary Ellen Croce and Winnie Stedje, State University at Cobleskill, who produced the course brochures for the Certificate Program.

Saturday, October 20, 9 am–? Saturday, October 27—rain date October Workfest

Come help prepare the Arboretum grounds and perennial beds for winter. Lunch is provided for volunteers, so please let us know if you are coming. Call the Arboretum at 875-6935. Please bring leaf rakes with you if you have them.

Pawpaw fruit may be in a grocery near you in the near future. This favorite of Native Americans is now being rediscovered by enthusiasts and organizations interested in developing new fruits for the dinner table. Scientific investigators are seeking to learn unique compounds found in the twigs, bark, and seeds of this unusual native tree/shrub. The pawpaw fruit, described as tasting like a cross between a banana and a pear, is the largest edible fruit of any of our native plants, weighing in at up to one pound. Caution is advised: some people are allergic, suffering from stomach and intestinal pain and skin irritation from handling the fruit.

The tropical custard apple family, Annonaceae, is represented by one genus, *Asimina*, in the temperate eastern United States. Of the nine species of *Asimina* found here, the pawpaw, *Asimina triloba*, has the widest native distribution and is receiving the most attention in horticultural circles. In New York State it is considered rare and endangered with most specimens located in the Buffalo region. From Buffalo, populations extend to southwestern Ontario, to Michigan, south to eastern Nebraska and Oklahoma, the Gulf Coast, and eastward to the Atlantic across the southern states. Its hardiness zone is listed as USDA 5-8.

Pawpaw appears as a bottomland, forest edge, and/or understory plant. It is associated with many different forest ecosystems dominated by pine, oak, hickory, gum, cypress, elm, ash, cottonwood, maple, beech, and/or birch. It forms close preclimax associations with Ohio buckeye, honey locust, and Kentucky coffee tree. It tends to disappear in old growth forest. It will generate clonal clumps forming thickets and small colonies usually 15 to 40 feet in height. The national champion, in Newton County, Mississippi, is 60 by 30 feet.

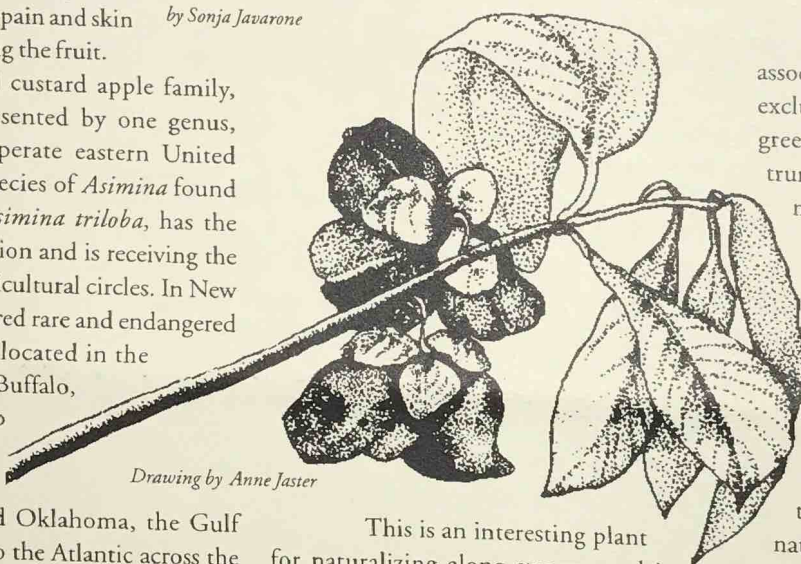
The deciduous, dark green, oblong, simple, entire, and drooping leaves grow up to twelve inches long. This lends a sad tropical attitude to the plant. Fall color is yellow and foliage leafs out in the spring after blooming. Bruising of the leaf releases an offensive kerosene-like odor. The maroon (lurid purple

according to Dirr) upside down flower has two whorls of three petals each and a calyx with three sepals. A single flower can produce multiple fruits. The two to five-inch edible berry fruits vary in shape and contain two to three bean-shaped seeds. Fruits may be eaten raw, cooked, juiced, or as an ice cream or pudding flavoring. Clones of desirable fruiting plants have been maintained vegetatively and are available with some difficulty in the horticultural trade. Dirr recommends several cultivars: 'Davis', 'Overleese', 'Sunflower', 'Mitchell', 'Sweet Alice', 'Triple Cross #1', and 'Wilson'.



"A Touch of the Tropics" Pawpaw, *Asimina triloba*

by Sonja Javarone



Drawing by Anne Jaster

This is an interesting plant for naturalizing along streams and in locations similar to its native habitat. It will do well in full sun and semi-shade situations. Young plants should have filtered sun for the first year or two. This species does best in deep, fertile, and moist soil, well drained with pH 5-7. Propagation by seed is erratic and by cuttings is nearly impossible. Transplants are difficult because of the long taproot and root hairs. Container grown specimens are best. Pollination is a problem for pawpaw. They must be cross-pollinated between two or more unrelated clones. To improve fruit production, hand pollination is advised.

Once established, the plant requires little or no care. Animals love the fruit and pests are nearly nonexistent.

Our Landis pawpaw bloomed this year, according to horticulturist Fred Breglia. This is a first since he has been on staff. According to Fred Lape's records, our specimen was a seedling from a tree in the yard of L.H.

MacDaniels of Ithaca. He received three young plants as a gift of Richard Lewis of Cornell Plantations in the spring of 1967. In 1974 they were growing well and about five feet, but one was lost to mowing. In 1994 the plants were 10 to 12 feet and in good condition. In 2001 we have multiple specimens in a clump at about fourteen feet in height. In 1967, Lape also collected specimens from the wild near Baldwinsville, which have since died. The Landis pawpaw is located near the lower parking lot at the side opposite the kiosk, below the area that has been recently cleared for future plantings.

Bees could care less about pawpaw. Pollination is by flies and beetles. The Zebra Swallowtail butterfly, *Eurytides marcellus*, a very attractive butterfly indeed, has a vital association with the plant. The caterpillars feed exclusively on pawpaw. The female lays pale green or brown eggs on the lower leaves or trunks of the pawpaw. The larvae are very cannibalistic in addition to eating the leaves. The adults have different forms and markings that vary with the season, the spring forms being the most colorful. The adults feed on flower nectar of pawpaw, lilacs, and other flowering plants. The zebra pattern provides a camouflage defense against predators, as does the pattern for the zebras of Africa. Form follows function, stripes equal protection, an example of nature at its finest.

The term "pawpaw" is a corruption of papaya, an unrelated tropical fruit. *Asimina* has its origin in the Native American name for the plant. *Triloba* refers to the flower structure. The wood has little commercial use, but is useful in the making of tools and crafts. The plant was first reported by the DeSoto expedition in 1541. Native Americans introduced the colonists to the fruit.

The Second International Pawpaw Conference will be held September 21-22, 2001 in Frankfort, Kentucky, sponsored by Kentucky State University and The Pawpaw Foundation.

"The conference objective is to discuss progress in pawpaw regional variety trials, cultivar development, seedling and clonal propagation, germplasm collection, post-harvest fruit physiology and handling, marketing and product development, and anti-cancer and pesticidal compounds."

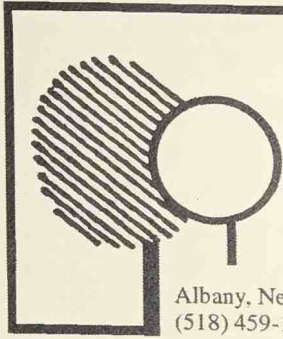
Sounds like serious business and a bright future loom for the pawpaw.

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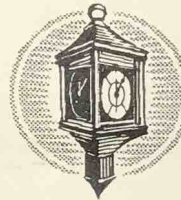
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CALENDAR Upcoming Events

For registration and information call 518-875-6935 or landis@midtel.net.

All events take place at the Arboretum unless noted.

Concerts and performances are presented in the Meeting House.

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

Advance registration is requested for concerts.

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

September 4–25, 4:00–7:00 pm (four Tuesdays)

ADULT WORKSHOP: Drawing in the Garden
Instructor: Anne Jaster,
Members. \$40; nonmembers, \$45.
See page 4

September 5, 12, 19, 26, 6:00–8:00 pm (Wednesdays)

HORTICULTURE CERTIFICATE PROGRAM
(see brochure) Hardscaping in the Landscape
Instructor: George Crosby
Pre-registration and payment required two weeks before first class. \$80. See page 5

September 9, 10:00 am–4:00 pm (Sunday)

GARDEN TOUR—last of four gardens
Dot and Paul Schneider's Cambridge garden
\$8. See page 4

September 9, 2:00–3:30 pm (Sunday)

FAMILY WORKSHOP: Grandparents' Day Forest
Nature Walk

September 15–16, 10–4 pm (Saturday and Sunday)

Fall Plant Sale
Free. See page 1

September 21, 9:00 pm (Friday)

ALBANY ASTRONOMERS: Star Party

September 22, 2:00–3:30 pm (Saturday)

FAMILY WORKSHOP:
Nature for Scout and Youth Groups

September 26, 7 am–7:45 pm (Wednesday)

BUS TRIP: Cornell University Experimental Station,
Geneva. Preregistration by Wednesday, September 19
for \$10 discount. Registration is required by noon,
Friday, September 21. \$65
See page 5.

October 2, 9, 16, 23, 6:30–8:30 pm (Tuesdays)

HORTICULTURE CERTIFICATE PROGRAM
Annuals and Perennials of the Northeast.
Instructor: Elizabeth McNeil
Pre-registration and payment required two weeks before first class. \$8

October 6, 10:00 am–1:00 pm (Saturday)

ADULT WORKSHOP: Tree Identification
Instructor: Fred Breglia
Preregistration required; class size limited.
Members, \$20, non-members, \$25.

October 12, 8:00 pm (Friday)

ALBANY ASTRONOMERS: Star Party

October 20, 2:00–3:30 pm (Saturday)

FAMILY WORKSHOP: Bird Feeder Workshop
Free

October 27, 2:00–3:30 (Saturday)

FAMILY WORKSHOP: Halloween Owl Prowl
Free

October 20, 9:00 am til

(October 27, rain date)

OCTOBER WORKFEST: Fall clean-up of Arboretum
grounds and perennial beds. See page 5.

November 8, 10:00 am–1:00 pm & 1:00–3:00 pm (Thursday)

ADULT WORKSHOP: Rustic Wreath Workshop.
Instructor: Barbara Weloth
Preregistration by noon, Monday, November 5;
enrollment limited. \$15 for morning session, \$10
for afternoon session. See page 4.

