From the Potting Shed

June 2023

Master Gardeners of Bergen County www.mgofbc.org

NJ Assembly passes bill to ban sale of certain invasive species

The New Jersey Assembly has passed legislation, 74-0-0, that "prohibits purchase, sale, distribution, import, export, or propagation of certain invasive species without permit from Department of Agriculture or Department of Environmental Protection." The bill also establishes an NJ Invasive Species Council that will develop an invasive species management strategy and provide

recommendations for invasive species management. The bill passed May 25; it has not been scheduled for a vote in the state Senate.

"Invasive species are considered the second-greatest threat to biodiversity after outright habitat destruction," wrote Julia Somers, executive director of the NJ Highlands Coalition, in an email urging passage of the bill. "New



NC State Extension photo

Callery pear: On the NJ list of invasive species.

Jersey has been severely impacted by a wide variety of invasive species causing harm to agricultural, forest, and natural lands leading to economic and ecological losses."

The bill defines "invasive plant species" as any living part of various species or any cultivars, varieties, or subspecies, including the seeds or spores of such species. Among the invasives listed in the bill are Norway maple, tree of heaven, porcelain berry, Japanese barberry, autumn olive, winged burning bush, English ivy, European privet, purple loosestrife, Callery or Bradford pear, and multiflora rose.

If the legislation is enacted by the state Senate, New Jersey will become the 46th state to regulate invasive plants and establish a permanent council of qualified and experienced stakeholders to evaluate, develop strategy, and make recommendations to manage the serious and growing threat of invasive species of all kinds more effectively and efficiently, Julia wrote in her email.

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From the President's Desk

By Melody Corcoran, Class of 2016

We have all seen plant galls, oddlooking lumps and bumps on leaves, branches, and stems. Most galls are caused by insects laying their eggs in the plant tissue.



The resulting irritation and/or stimulation of the plant cells causes the plant to form hard, swollen growths around the insect eggs. These galls protect the eggs



Oozing gall on a juniper in Melody's yard.

inside and may be unsightly, but they are usually not harmful to the plant. Three major groups of insects cause galls: Aphids, gall midges, and gall wasps.

Galls are also caused by fungi, bacteria, and nematodes. After several rainy days in May, I found odd, jellylike orange masses on

the branches of some low-growing junipers in my yard. Looking closely, I saw round yellow and red masses inside the orange jelly.

Thanks to Google, I was able to identify these masses as Japanese apple rust caused by the fungus *Gymnosporangium yamada*. This fungus is native to

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LEGISLATIVE UPDATE

(Invasive species bill, continued from page 1)

Her email stated: "This law will be effective, efficient, flexible, and fair. It incorporates amendments developed by the New Jersey Forest Task Force (co-chaired by NJ Audubon, the NJ Conservation Foundation, NJ Sierra

Club, and the NJ Forestry Association) in collaboration with the New Jersey Nursery and Landscape Association and the New Jersey Farm Bureau, in consultation with NJDEP, NJDA, and the NJ Board of Agriculture."



Chris Evans, University of Illinois, Bugwood.org

On the list: Common buckthorn.

More than 40 conservation organizations across the state co-signed a May 15, 2023, request to legislative leaders and bill sponsors to move this forward, her email stated.

Click <u>here</u> to read the Senate version of the bill, or click <u>here</u> to read the Assembly version of the bill. Click <u>here</u>

for the legislative roster of state Senate and Assembly members. If you don't know your district, you can search by municipality. You can send an email directly to your state senators from the roster page should you want to express your opinion on the invasive species bill.



NC State Extension

Note: Running bamboo isn't listed as an invasive species in the invasive species bill. However, its sale and planting would be

Oriental photinia, another invasive on the list.

regulate by Assembly bill <u>A5112</u>, which "establishes requirements for sale and planting of running bamboo; requires recordkeeping of certain violations and consideration thereof as grounds for license or registration review." That bill has been referred to the Assembly Agriculture and Food Security Committee.

Landscape contractors group alerts members to area leaf-blower ordinances

The New Jersey Landscape Contractors Association has alerted members to area leaf blower ordinances so they can avoid tickets and fines. Click on the municipality's name for the ordinance itself.

Leonia: Gas powered leaf blowers may only be used March 15-May 15 and Oct. 15-Dec.15.

<u>Maplewood</u>: No gas-powered leaf blowers at any time year-round. "Turbo blowers" permitted May 1-Sept. 30.

Montclair: Gas-powered leaf blowers may only be used March 15-May 15 and Oct. 15-Dec. 15. Montclair is attempting to eliminate all gas-powered leaf blowers and allow electric/battery-powered blowers during the dates above. The first reading of the ordinance was in May.

<u>South Orange</u>: The use of gas-powered leaf blowers is prohibited May 1-Sept. 30 of each year.

Joel Flagler, Bergen County ag agent, noted that the Landscape Contractors Association, one of our key stakeholder groups, "does not want this ban. They feel their profession is targeted while other offending practices by other industries are tolerated."

Joel continued: "They have a point, and we have to listen. "Rutgers Cooperative Extension (RCE) takes the posture that we see both sides of the debate. We also see some 'compromising' guidelines, such as towns allowing electric or other non-gas blowers. RCE will not take a stand and promote the ban; we are not allowed to do so as it would be a real conflict. Thank you all for seeing this matter from all angles, as we endeavor to always do," he concluded.

Click <u>here</u> to read a related story from The Record of May 11, 2023.

WEBINARS

For your convenience, all times are Eastern.

June 1, 6:30 pm: Rutgers NJ Agricultural Experiment Station sponsors Cultivating Landscapes. Free. Click <u>here</u> for more information and to register. Recording available to participants June 2-14.

June 1, 7-8:30 pm: Penn State Extension sponsors Deer Resistant Native Plants for the Northeast. Fee: \$10. Click here for more information and to register.

June 6, 2 pm: AARP Virtual Community Center sponsors Cooking Class: Eat Your Weeds. Free. Click <u>here</u> for more information and to register. AARP membership not required.

June 7, 11 am-noon: Center for Health & Wellbeing sponsors Succulent and Houseplant Gardening. Free. Click <u>here</u> for more information and to register.

June 7, 2-3 pm: Rodale Institute sponsors Organic Agriculture-Mitigating and Adapting to Climate Change through Carbon Sequestration. Free. Click here for more information and to register.

June 12, 7 pm: AARP Virtual Community Center sponsors Gardening 101: Planting on an Urban Rooftop. Free. Click here for more information and to register. AARP membership not required.

June 13, noon-1 pm: Penn State Extension sponsors Spotted Lanternfly Past, Present, and Future: Impacts and Management. Free. Click here for more information and to register.

June 14, 7-8 pm: Penn State Extension sponsors Native Plant Cultivars and Pollinators. Fee: \$10. Click <u>here</u> for more information and to register.

June 15, 10-11 am: North Carolina Cooperative Extension Buncombe County sponsors Encouraging Good Garden Bugs. Free. Click <u>here</u> for more information and to register.

June 15, noon: Smithsonian Gardens sponsors Native Pollinators of the Mid-Atlantic. Free. Click <u>here</u> for more information and to register.

June 15, 1-2 pm: Xerces Society for Invertebrate Conservation sponsors A Playful Nursery Gets Serious About Pollinator Safety: The Example of Harlequin's Gardens. Free. Click here for more information and to register.

June 15, 7-8:15 pm: Penn State Extension sponsors Pollinators in My Garden. Fee: \$10. Click <u>here</u> for more information and to register.

June 20, 1 pm: AARP Virtual Community Center sponsors How to NOT Mess Up Your Yard. Free. Click here for more information and to register. AARP membership not required.

June 20, 7 pm: Friends of the Frelinghuysen Arboretum sponsors Water Gardening Basics. Free. Click <u>here</u>, then scroll down to June 20 for more information and to register.

June 29, noon: Smithsonian Gardens sponsors Managing Trees for Public Spaces and Wildlife. Free. Click <u>here</u> for more information and to register.

Gardening and guided tours



Photo by Sharon Ma

MG volunteers at the Bergen County Zoo in Van Saun Park are starting a new feature at the site. We spend the first 90 minutes sprucing up the herb gardens near the zoo's entrance and the final 30 minutes giving mini tours of the garden to zoo visitors. From left, Louise Mullen, Class of 2018, Dineen Policano (2023), Jeffrey Chan (2011 and site coordinator), and Sharon La Monica (2022). We welcome MGs who are interested in helping us in the herb garden and the pollinator garden. We work from 9-11 am every Monday. Contact Jeff for more information.

- Sharon Ma, Class of 2018

MG OF BC NEWS

*** MG of BC picnic reminder ***

Are you planning to attend our picnic June 13?

We'll meet from noon-2 pm at Pavilion I (eye) next to Walden Pond in Van Saun Park, 216 Forest Ave., Paramus. The pavilion is located before the Howland Avenue exit. We'll supply sandwiches and beverages. Please bring salads/appetizers or desserts based on the first letter of your last name:

- A to K: Bring appetizers or salads
- L to Z: Bring desserts.

Click <u>here</u> to reply "yes" if you plan to attend, and please confirm whether you'll bring an appetizer/salad or a dessert. Deadline to reply is June 4. MGs, MG alums, Class of 2023, and interns from previous classes are invited!

Congratulations to recently certified MGs!

From the Class of 2020: Patricia Brady, Terry Cohn, Chris Kozar, Anita Pazcoquin, Christa Ross, and Ben Weiner.

From the Class of 2021: Martha Carlucci, Gimai Ma, Mark Oliff, Gary Puzio, Maggie Raywood, Paul Sisko, Nicola Tutschek, and Bernadette White.

From the Class of 2022: Patricia Crossley, Karen Dennis, Anita Hall-Davis, Patricia Pacheco, Lynne Proskow, Anne-Marie Romano, and Debra Sweet.

These MGs will be recognized at our June 13 picnic.

Rutgers Cooperative Extension of Bergen County

Joel Flagler Agricultural/Resources Management Agent/County Extension Dept. Head

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Tour of Reeves-Reed Arboretum is June 16

The MG of BC will sponsor a tour of the Reeves-Reed Arboretum Friday, June 16 at 10:30 am. The arboretum is located at 165 Hobart Ave., Summit.

Cost is \$10 per person to pay for a docent who will lead the tour. The tour will count toward one hour of your 2023 educational requirement.



Photo by Janet SchulzReeves-Reed Arboretum in 2022.

Make your check

payable to MG of BC and mail as soon as possible to: MG of BC, PO Box 71, New Milford, NJ 07646. Be sure to write "T&T" (trips and tours) in the memo line of the check. Send an email to <u>Janet Schulz</u>, Class of 1988 and Trips and Tours chair, with your name and cell phone number. A suggested nearby restaurant is <u>Marigolds</u>.

Passaic County RCE offers full-time job

Rutgers Cooperative Extension of Passaic County seeks a Program Associate II, a full-time position, for its office in Wayne. Click here for more information.

FARMERS MARKETS

Hawthorne Farmers Market, library parking lot, 345 Hawthorne Ave. Sundays beginning June 25, 10 am-1:30 pm through Oct. 29. Click <u>here</u> for Facebook page.

Ramsey Farmers Market, Main Street train station. Sundays, 9 am-2 pm through November. Click <u>here</u> for a list of vendors and other information.

Teaneck Farmers Market, municipal parking lot, Garrison Avenue and Beverly Road. Thursdays, noon-6 pm through Nov. 16 and noon-6 pm Nov. 19. Click <u>here</u> for Facebook page.

If your town has scheduled a farmers market for the 2023 season, please send the details to <u>Miriam Taub</u>, Class of 2011, so we can include on the list.

At McFaul: There's a holly underneath it all







Photos by Ben Weiner, Class of 2020

Melody Corcoran, Class of 2016, and Paul Sisko (2021) gave a serious pruning to a deer-ravaged holly at McFaul Environmental Center recently. Paul noted that the holly probably started life as a shrub and was never taken care of. At right is the resulting pile of holly debris. Volunteers meet Wednesdays from 8:30 am-noon with a bagel break around 10 am. Contact Joseph Cooper (2008 and site coordinator) for more information. The center is located at 150 Crescent Ave., Wyckoff.

THIS AND THAT

Mary Jasch schedules trip to CT gardens

Mary Jasch, our April speaker, has scheduled a bus trip/garden tour for June 20 to Litchfield County, CT. She showed slides of private gardens in New Jersey, New York, Connecticut, and Eastern Pennsylvania gleaned from the trips to public and private gardens that she runs two to three times a year. Mary also is the publisher of DIG IT! Magazine.

Mary's June 20 trip consists of visits to two unique private gardens at opposite ends of the gardening spectrum; lunch (on your own) in Litchfield; and a guided tour of White Flower Farm with discount shopping.

Cost is \$80 per person. The bus will depart from Rockaway Townsquare Mall at 8:30 am returning at approximately 7 pm. Click here for details and registration. Mary warned that nothing on the trip is handicapped-accessible.

(President's desk, continued from page 1)

Japan, Korea, and China and was first identified in the United States in Delaware and Pennsylvania in 2008.

Japanese apple rust is an alternating rust and requires two hosts: Apples or crabapples and junipers. It causes small red, yellow, or orange spots on the apple and crabapple leaves and small, oozing branch galls on junipers in the spring, especially after a period of wet weather.

Spores from fruiting bodies located on the undersides of leaves are dispersed by the wind to infect junipers; spores from the juniper galls are dispersed by wind and rain to reinfect apples and crabapples.

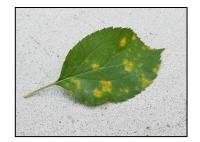


Photo by Melody Corcoran Rust-infected apple leaf.

After a dry, sunny day,

the orange jelly dried up. The galls are no longer noticeable. I am cutting out the galls that I can find to help minimize spread of the fungus. But my neighbor's apple tree has many yellow, spotted leaves and is most likely the source of the Japanese apple rust. So far, no harm seems to have been done to my junipers. I am keeping my fingers crossed.

GOING BACK IN TIME — MG VOLUNTEER SITE HISTORY

Have you ever wondered how our MG of BC volunteer sites became volunteer sites? Here we recall the history of the Hermitage in Ho-Ho-Kus. If you'd like your volunteer site to be featured, contact Miriam Taub, Class of 2011, who can help you tell the story of how your site became an MG of BC volunteer site.

By Miriam Taub, Class of 2011

Twice within the past 17 years, Master Gardeners have helped rehabilitate the gardens at the Hermitage pretty much from scratch. The Hermitage is listed on the National Register of Historic Places; it was designated as a National Historic Landmark in 1970.

Wendy Erickson, Class of 2006, explained that the garden rehab work began in 2006. Muriel Giblin, also Class of 2006 and member of the Ho-Ho-Kus Garden Club, learned that the Hermitage was looking for volunteers to work in its garden, Wendy said. (Muriel died last November at age 67.) Muriel asked several of her MG colleagues if they were interested and together, Wendy said, they met with Hermitage administrators.

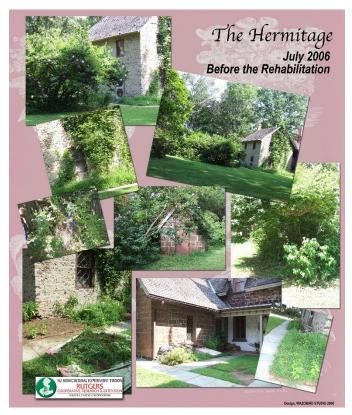
As Wendy recalled, the administrators "just wanted plants." The MGs' reaction was "noooo." MGs wanted a garden that was historically accurate. Luckily, the Hermitage had documents from the Rosencrantz family, which had owned the property for four generations (1807-1970). And, the volunteers had Wendy for whom research was, as she termed it, "second nature."

At the time, Wendy had worked for 25 years in photography and communications and had recently been involved in a documentary project about Ellis Island.

"We didn't want to plant what wasn't there originally," she explained, adding that the work was considered a "rehabilitation" of the property. The work couldn't be called a "restoration," she said unless what was planted in 2006 was placed in the same spot as it originally grew. (Rehabilitation generally means preserving the historic character based on a chosen time period using research about a property. You can't reconstruct or restore something if you don't know

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Browse the Hermitage <u>website</u> for information about its history and gardens. MG volunteers meet on Tuesday and Wednesday from 9:30 am-noon. Activities include planting, weeding, pruning, and mulching to maintain the Victorian herb gardens, flower gardens, and a small vegetable garden. Contact site coordinators <u>Liz Gil</u>, Class of 2019, or <u>Nancy Moses</u>, a community volunteer, for more information.





In July 2006, volunteers had quite a job removing this trumpet vine.

(Hermitage history, continued from page 6)



Rosencrantz Family Collection

The Rosencrantz family in an undated photo.

exactly where it was or what plants it contained, Wendy explained.)

"We had some diagrams and plats. We knew where the grapevines were. We knew what plants were growing there from Bess Rosencrantz's journal and her herbarium but not exactly where they were located," Wendy said in a telephone interview from her home in Delaware. The MG volunteers also had photographs, though she recalled that Hermitage administrators



The rowboat 2023.

"weren't all that interested in us handling the old papers because of their fragility and condition."

The MG team divided their work into phases through the summer of 2006. "It was really hard work," Wendy recalled. "We were chopping and digging and working with bricks. We dressed to avoid ticks." In just a few short months, they recreated five garden beds

containing plants that would have been grown in the period of 1880-1890. Three were herb/medicinal gardens planted near the kitchen and two were flower beds in the front of the house.

Though the team assumed the Rosencrantz family had a vegetable garden, as was typical for Victorian families, they didn't install one at the time. The vegetable garden came a few years later under the second garden rehabilitation beginning in 2010.

In October 2006, the Hermitage held a grand opening to showcase the work that the MGs had done. MGs got into the spirit by baking confections, such as lavender sugar cookies and rosemary spice cookies, using herbs of the period.

After volunteering there for several years, Wendy said she returned to work full-time and other volunteers drifted away. She and her team had assumed new classes of Master Gardeners would continue the work the 2006 team had started. But that didn't happen until a few years later.

Enter Kathleen Sullivan, Class of 2010, who later served as Hermitage site coordinator for nine years and recently concluded a two-year term as president of the Friends of the Hermitage. Kathleen recalled that in the spring of 2010, Joel Flagler asked a few MG interns who lived close to the Hermitage to help out at the site. By this time, the property had languished for several years and was overgrown with brambles while leaves cluttered the herb beds.

"It was pretty daunting," Kathleen recalled of the time she and other MGs visited the site. "The brambles would put your eye out." All they could do at the time was rake the leaves and assess. To get a sense of what volunteers had done in 2006, Kathleen and Wendy met on site. Wendy said she was appalled by the site's condition, and she advised Kathleen what had been planted a few years before and where not to dig. Kathleen and her classmates took it from there.

Relying on the herb list that Wendy created in 2006, the 2010 group installed an historically accurate herb garden (also known as a kitchen garden) outside the back door of the museum.

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Rosencrantz Family Collection

A family outing in their own backyard.

(Hermitage history, continued from page 7)

Wendy said that the MG never knew where the original herb garden was, but in those days, homeowners grew herbs among the flowers, so the homeowners would chose a spot that would be convenient to access them.

Kathleen credited Liz Scholl, Class of 2011, and Patricia Libutti and Stephen Drop, both Class of 2012, with reclaiming the 12-foot-by-4½-foot herb garden and then doubling its size. "Little by little we tackled different areas near the museum," Kathleen said, adding that Liz and Pat were herb experts and supplied the plants on Wendy's list that hadn't survived while Steven "did the heavy lifting and kept us laughing."



Photo by Kathleen Sullivan

The herb garden outside the kitchen door.

As both Wendy and Kathleen pointed out, the Rosencrantz family "kept everything," so the team knew what vegetable seeds Mary Elizabeth Rosencrantz ordered and the names of the plants she planted. Based on those records, an MG team in 2019 created a "war garden" consisting of blueberry bushes, tomatoes, potatoes, garlic, asparagus, beans, peas, kohlrabi, and berries for a celebration of the 100th anniversary of World War I.

More recently, Kathleen noted, the vegetable garden had to be fenced as a result of deer. It was renamed "Mary Elizabeth's Garden" as it duplicates the produce grown and preserved by Mary Elizabeth Rosencrantz to sustain herself in her final years.

Monica Buesser, Class of 2013 and site coordinator with Kathleen Sullivan for a time, organized the war garden project and turned to the hardscapes. In a 2017 interview in the Potting Shed, Monica described what the MGs had recently done to the site: Removed construction debris; tore down an old shed and cleared the space so an Eagle Scout could build a new shed; cleared the children's herb garden and patio areas (the

patio had been a pile of slate, Kathleen said); and built a rock wall around the patio.

In addition, Kathleen pointed to other projects that have enhanced the property over time. Noel Schulz, Class of 2016, repaired the dry-stone wall in front of the property and built the stone wall behind the museum.

Ed Drennan (2019) built steps into what's now known as the wedding area. Josie Ko (2013) donated plants for a native wildlife garden. Linda Flynn (2016) designed an extension of the kitchen herb garden. Cynthia Drennan (2019) reclaimed an overgrown area around the John Rosencrantz House and became the lead designer for "Holidays at the Hermitage" indoors.

"The work we do in the gardens at the Hermitage helps the docents bring the stories of the historical past to life," said Liz Gil (2019 and site coordinator). "Visitors can better imagine an active household when they see herbs coming up in the kitchen garden or bees and hummingbirds visiting the monarda or the salvia among the flower beds."

Liz continued: "In the quiet moments at the site, while I'm busy tending the plants, I can almost feel the history around me and imagine what life was like centuries ago. It's a peaceful site, and we are fortunate that it was saved from modernization and the frenzy of the real estate market. I feel grateful to have access to this treasure and, as MGs, we should be proud of the service we provide."

(Continued on page 9)



Class of 2006 volunteers, from left: Barbara Bell, Wendy Erickson, Muriel Giblin (sitting), Cynthia Sumner, Marie Matri, and Sharon Tanaka. Lillie Steinberg, another volunteer who's currently an active MG, was part of this team.

(Hermitage history, continued from page 8)

Since the Hermitage is a state-owned property, "There are a lot of people overseeing us," Kathleen said, and rules to follow. For example, no trees can be planted within 50 feet of the museum. Any major changes, such as the shed and patio, had to be approved by the state.

"The state also must approve any events held onsite such as Victorian teas [the next one is <u>June 17</u>]; the annual maple sugaring events; and placing holiday decorations inside the museum itself. However, having worked with the state Historical Commission for more than 10 years, "The state realizes we're here for the long haul," Kathleen concluded.

Note: For a list of the 2006 MG team's Hermitage plant inventory, send an email to Miriam Taub.

Press release from Aug. 29, 2006

Master Gardeners restore historic herb garden

An heirloom garden grows at the Hermitage in Bergen County

Hackensack, NJ, Aug. 29, 2006 - Take one overgrown garden on a National Historic Landmark property, mix with an energetic group of Rutgers Master Gardeners of Bergen County, and what do you get? A beautiful re-creation of the herb gardens at the Hermitage in Ho-Ho-Kus, NJ.

Armed with vintage photographs, garden records from the Hermitage, [and] antique books and publications from the Garden Conservancy, the Master Gardeners researched, planned, and meticulously renovated and replanted five garden beds surrounding the Gothic Revival-style historic house museum. The gardeners planted heirloom herbs that originally existed on the property in the years dating from 1880 to 1890.

"Restoring a garden does more than just add beauty to the landscape," said Joel Flagler, Agriculture/Resource Management Agent and County Extension Department Head. "It can teach valuable lessons about culture, economics, and emphasize the important relationship between people and plants. The restored gardens and accompanying information will help visitors experience and explore life as it was here in Bergen County in earlier times."

The Hermitage will celebrate the newly planted gardens with a Garden Opening Ceremony on Thursday, Oct. 12 from 2 to 5 pm. All are welcome to tour the gardens, learn about the use of herbs, and meet the Rutgers Master Gardeners who worked on the restoration.

Bergen County Master Gardeners also deliver horticultural therapy programs in hospitals, nursing homes, mental health facilities, and schools. Regular volunteer sites for Master Gardeners include: Bergen County Health Center, Rockleigh; Flat Rock Brook Environmental Center, Englewood; Garretson Forge & Farm, Fair Lawn; Hackensack River Greenway, Teaneck; McFaul Nature Center, Wyckoff; New Bridge Landing, River Edge; Skylands-NJ Botanical Garden, Ringwood; Teaneck Creek Conservancy, Teaneck; Van Dyke Manor, Ridgewood; Wortendyke Barn, Park Ridge; and Van Saun County Park, Paramus. Rutgers Cooperative Extension is a partner with the Bergen County Department of Parks and Frank DeBari, director.