Yards with Non-Native Plants Create ‘Food Deserts’ for Bugs & Birds

Taken from: https://www.audubon.org/news/yards-non-native-plants-create-food-deserts-bugs-and-birds

By: Lexi Krupp

Desirée Narango has knocked on hundreds of doors in the outskirts of Washington, D.C. to make an intimate request of homeowners: permission to count and identify the trees and shrubs in their yards. Luckily for Narango, now an ecologist at the City University of New York, they almost always said yes. In her counts, she’s found the tropical fronds of banana plants, pink-tufted crepe myrtles, scraggly oaks, and hundreds of other woody plants. But her interest in the greenery isn’t that of a botanist. “We’re thinking at the scale of a bird,” Narango says.

A nesting Carolina Chickadee will collect more than 400 caterpillars each day. The bugs are packed with nutrients like carotenoids that growing chicks need to thrive. Photo: Douglas Tallamy

Narango and other researchers at the Smithsonian Conservation Biology Institute wanted to know how plants in human-managed landscapes affect the reproductive success of resident bird populations—a simple question that no one had answered before. The team’s research, published this week in Proceedings of the National Academy of Science, found only one distinction that determines if a spot is a boom or a bust for a bird population: whether it has plants native to the area.

The scientists worked with a community science group called Neighborhood Nestwatch to monitor more than a hundred nests of Carolina Chickadees, a chirpy and insect-loving songbird, across D.C.'s suburbs. Homeowners agreed to house chickadee nest boxes
Hello Everyone!

I hope you’re doing well. It seems that fall is finally here.

Just a few notes for this month:

⇒ It’s November and you need to start entering your volunteer hours. All hours for 2018 need to be entered into the OTS by December 14th. If you need help entering hours please give me a call. Hours cannot be entered into the OTS after this date.
⇒ Exciting news — I’ll be out on maternity leave mid February to mid April!
  ⇒ Sabine will spearhead the newsletter and MG Jim Persels will run our monthly meetings during this time.
  ⇒ MG’s Cathy Tengwall & Laura Klingler will need help with the plant sale and greenhouse.
  ⇒ MG Karen Wimsatt will need help with the Seedswap on March 16th.
  ⇒ MG Larry Lorenz will need help with Galilee Garden.

Best,
Rachel

Howdy Partner....
It’s time to turn in Volunteer Hours

Before you know it December will be here, so get a head start and send in those volunteer hours. To access the online tracking system go to http://www.agnr.umd.edu/mg Every month from now until the end of the year one MG’s who’s turned in their hours will win a prize.

Planning has begun for our 2019 Meetings. If there is a speaker you’d like me to book please email me the information. We will need a speaker for our May, July, and November meetings. Also, if there’s a MG trip you’d like me to schedule, I’d love to hear about it!
## 2019 MG Meetings

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Topic</th>
<th>Time</th>
<th>Place</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wednesday, January 16, 2019</strong></td>
<td>Spotted Lanternfly, Kim Rice with the Maryland Department of Agriculture, Plant Protection</td>
<td>9:30-11:30</td>
<td>Queen Anne's County Government Building 110 Vincit St. Centreville, MD 21617 Meeting Room 1</td>
</tr>
<tr>
<td><strong>Wednesday, February 20, 2019</strong></td>
<td>Lavender, Jay Falstead, Calico Fields</td>
<td>9:30-11:30</td>
<td>Queen Anne's County Government Building 110 Vincit St. Centreville, MD 21617 Meeting Room 1</td>
</tr>
<tr>
<td><strong>Wednesday, March 20, 2019</strong></td>
<td>Natural Lands Project at Washington College, Dan Small</td>
<td>9:30-11:30</td>
<td>Queen Anne's County Government Building 110 Vincit St. Centreville, MD 21617 Meeting Room 1</td>
</tr>
<tr>
<td><strong>Wednesday, April 17, 2019</strong></td>
<td>Ticks, Emily Zobel University of Maryland Extension-Dorchester County</td>
<td>9:30-11:30</td>
<td>Queen Anne's County Government Building 110 Vincit St. Centreville, MD 21617 Meeting Room 1</td>
</tr>
<tr>
<td><strong>Thursday, May 15, 2019</strong></td>
<td>Speaker: TBD</td>
<td>9:30-11:30</td>
<td>Liz &amp; Bob Hammonds 215 Thomas Rd Centreville, MD 21617 Meeting Room 1</td>
</tr>
<tr>
<td><strong>Wednesday, June 12, 2019</strong></td>
<td>Picnic</td>
<td>Time: TBD</td>
<td>5:30-7:30</td>
</tr>
<tr>
<td><strong>Wednesday, July 17, 2019</strong></td>
<td>Speaker: TBD</td>
<td>5:30-7:30</td>
<td>Place TBD</td>
</tr>
<tr>
<td><strong>Wednesday, September 18, 2019</strong></td>
<td>“Pollinators,” Kerry Wixted, Maryland Department of Natural Resources</td>
<td>5:30-7:30</td>
<td>Place TBD</td>
</tr>
<tr>
<td><strong>Wednesday, October 16, 2019</strong></td>
<td>Native Tree ID, Agnes Kedmenecz, UME Woodland Stewards Educator</td>
<td>9:30-11:30</td>
<td>Wye Research and Education Center</td>
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<tr>
<td><strong>Wednesday, November 20, 2019</strong></td>
<td>Speaker: TBD</td>
<td>9:30-11:30</td>
<td>Place TBD</td>
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<tr>
<td><strong>December-Date TBD</strong></td>
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Nick Stoer

Master Gardener Nicholas Scott Stoer, loving husband and father, passed away on October 23rd 2018 at the age of 76.

Nick was born on April 12th, 1942 in Philadelphia, Pennsylvania to Philip Riera Stoer and Marion West. He was raised in Middle River, Maryland along with his younger brother, Eric, where they spent a happy childhood along the Stansbury Creek.

A bright child and strong student, Nick skipped both 4th and 10th grades and graduated from the Baltimore Friends school in 1959, a few weeks past his 17th birthday. He spent a year at Franklin & Marshall in Lancaster, Pennsylvania, where the fun of college combined with his relative youth indicated that another path should be considered. At the age of 18 he enlisted in the United States Army, serving three years stationed in Berlin, Germany. It was an experience of which he was very proud and which shaped his life in many ways. After enlisting at Fort Dix, Nick went to the Army Language School at the Presidio in Monterey, California to learn German. He then attended Officer Candidate School at Fort Sill before being transferred to Berlin, Germany, on April 11th, 1962, just days before construction began on the Berlin Wall, on April 13th, 1962. Nick had just turned 20.

Following the Army, Nick earned his BA in Political Science and German from the University of Maryland, graduating in 1966. His first jobs were with the National Security Agency and the Atomic Energy Commission, during which time he also earned his MBA in Finance and Investments from George Washington University in 1973.

It was during these years that he met and married the love of his life, his wife of 49 years, the former Joan Leslie Hutchinson. They wed in Wycoff, New Jersey in June 1969. Nick and Joan raised two daughters, Tracy and Melanie, in the suburbs of Washington, DC.

Nick was a planner and a provider for his family, deeply tuned to their hopes, dreams and ambitions. When they purchased their first home, Nick bought Joan the dog she had always wanted, a German Short-Haired pointer whom they named Ivy.

In the early 1970s, Nick bought a plot of land in Ladysmith, Virginia near Lake Land’Or, so that he could build a weekend cabin for his wife and daughters. He rented a bulldozer, cleared the land, poured the concrete foundations, and over the next decade he and Joan built the “cabin at the Lake” where he taught his girls to swim, fish, and waterski. Both Ivy and their second pointer, Holly, loved their visits to the Virginia woods, and are buried there.

Nick showed his family the world. Little by little, and starting small, he took his family to 40 of the United States, ultimately
planning detailed month-long road trips in a camping van. “Hey girls, look at the fields of Milo and Sorghum!” has become family lore for Nick’s insatiable desire to show them everything. Over the years, the travel became an increasing priority for Nick and Joan. Both of Nick’s daughters followed in his footsteps and lived and studied abroad, something that gave him great satisfaction. Joan and Nick enjoyed countless trips, many with dear friends, to far flung locations in Asia, Africa, South America, the Baltic Countries, India, and Europe. He has left his friends and family with a lifetime of memories from around the world.

Over the course of a 30-year career with the federal government Nick gained intimate knowledge of a range of transportation issues in order to evaluate and support funding the initiatives of agencies across the U.S. Department of Transportation. A member of the U.S. Government Senior Executive Service, at retirement, Nick had been serving as Chief Financial Officer (ABA-1, Assistant Administrator for Budget and Accounting) of the FAA. From 1986 to 1991, he served as FAA’s Budget Director (ABU-1). At the FAA, Nick advised five Administrators and testified before Congress on the FAA’s budget, programs and legislative proposals. Nick spent nearly 20 years as a Budget Examiner at the White House Office of Management Budget (OMB) working on science and transportation programs of NASA, Federal Transit Administration, Federal Railroad Administration, Urban Mass Transit, Amtrak, U.S. Coast Guard, FAA and other agencies.

Nick spent the last 20 years of his career in private practice, owning and operating Nicholas Stoer & Associates, an independent aviation management and policy consultancy. Consulting projects included financing alternatives for the FAA, aircraft safety and certification issues, ATC automation and weather display systems for air traffic controllers, aviation security, satellite navigation technology, National Weather Service modernization, aviation weather research, information systems proposals, outsourcing of air traffic control towers, and instrument landing systems and related airport equipment.

In 1999 he and his wife Joan relocated from the Washington area to Kent Island, Maryland, where he became an active volunteer in the community, a Master Gardener, and Chesapeake Bay environmental issues. On Kent Island they built their dream home, a gathering spot that earned a special place in the hearts of their extensive friends and family members. Thanksgivings and Christmases, birthdays, gourmet club dinners, football games – Nick loved to co-host festivities with Joan. In 2003, Nick gained a son-in-law, Scott Reilly, with whom he shared many summers and holidays. In 2005, he became a “Pop Pop” when his grandson Peter arrived, followed shortly by a granddaughter, Vivienne. He cherished them both and they adored him. “Camp Grandma” and “Pop Pop’s Garden” became the go-to destination for family. Here Nick’s carefully honed humor for puns, non-sequiturs, and misdirects captured the most eye rolls, groans and laughter, humor dubbed by Peter at age 8 as “classic Pop-Pop.” It was around his table and out on the porch that his chortles and guffaws rang loudest. And in the energy and activity of these gatherings that his eyes shined brightest, looking out and seeing all the love that he had created. He is greatly remembered and missed.
20th Anniversary

Over 84 Master Gardeners, family, and friends joined us on Wednesday, October 17, 2018 to celebrate 20 years in Queen Anne’s County. In 1998 under the guise of then UME County Extension Director Paul Gunther, funding was secured to establish the Master Gardener Program in Queen Anne’s County. Danielle Fitzgo was hired as the Horticulture Educator and Master Gardener Coordinator where she developed the first training class of 25 interns who became original Master Gardener Volunteers on the Eastern Shore. This class was made up of residents from Queen Anne’s, Caroline, Kent, Talbot, and Dorchester Counties. In the years following, funding was secured for Master Gardener Programs in Talbot and Dorchester counties. Throughout our 20 years of service to the county and it’s residents, the Queen Anne’s County Master Gardener Program has trained over 1,800 people and has contributed over 65,000 hours of volunteer service equating to over 1.6 million dollars to Queen Anne’s County. Special thanks to our planning committee for make this event so special!

20 year Master Gardeners pictured from left to right: Edith Sakell, Jane Ward, Carol Jelich, Jane Chambers, and Linda Doub. Master Gardeners not pictured: Margaret Carter and Nancy Schnoebelen.

15 year Master Gardener pictured Joyce Woodford with Paul Rickert Queen Anne’s County AED

10 year Master Gardeners pictured: Nick Stoer, Betty McAtee, Kate Greer, and Jack Doub. Master Gardener not pictured Margaret Gardner

3 year Master Gardeners pictured: Bob Macfarlane and Shelia Shorter. Master Gardeners not pictured: Shane Brill, Dawn Harris, Deborah Longhurst, Cindy Riegel, and Robin VanMeter.


Master Gardeners who received awards gather for a photo.

Master Gardeners Linda Doub and Debbie Pusey help set up for the 20th Anniversary.

Master Gardeners Betty McAttee, Allen Rocco, and Laura Rocco help celebrate at the 20th Anniversary.
on their property and, once a pair of chickadees took up residence, to allow researchers to collect data on plant and bug life in their yards. The birds' foraging range is an area larger than a football field, though, and certainly bigger than any single yard. “We had to make friends with all of the neighbors so that we could sample their plant communities as well,” Narango says. Then researchers recorded every bug and insect crawling on these plants to estimate the culinary options available to nesting birds.

“Each plant in your landscape you should think of as a bird feeder,” says Doug Tallamy, an entomologist at the University of Delaware who also worked on the study. “It either has food in it, or it doesn’t.” (Carolina Chickadees aren’t big users of actual bird feeders during nesting season, and, like most other birds, they do not feed birdseed to their chicks.)

Overall, Narango found way more insect food on native plants. That’s because a tree or shrub will only have bugs if the creatures recognize the plant as food. If they haven’t evolved together in the same ecosystem, bugs will probably steer clear of the greenery. For example, Narango searched scores of crepe myrtle trees, a non-native popular in landscaping. “I don’t think we ever found a caterpillar,” she says. Meanwhile, a neighboring oak tree crawls with dozens or more.

The team also monitored the nest boxes. Technicians and trained volunteers counted the number of chicks at each nest and tracked the survival of parents and fledglings. Over three breeding seasons, they monitored more than 100 nests with more than 800 birds combined. Narango used these data and 13 years of past records to model the population growth of Carolina Chickadees against the makeup of plants found at their nesting sites.

Her analysis found that chickadees could only sustain their population when at least 70 percent of plants in a nesting area were native. For species like warblers, vireos, and flycatchers that are even more reliant on bug and insects, “that number is going to be higher,” Narango says. Most yards don’t make the cut.

“Almost all landscaping in yards, gardens, and public spaces are dominated by non-native species,” says Myla Aronson, who studies urban ecology at Rutgers University and was not involved in the research. She often works with land managers who recognize the danger of invasive species, but don’t understand the other downsides of non-natives, she says. “I get that question all of the time: ‘Well, what’s wrong with non-natives?’”

The answer comes down to the food web. Nesting birds scour for the most protein-packed, fatty foods they can find, and that superfood is plant-eating bugs like caterpillars. “Those are the things that fuel that rapid growth of a baby bird,” says Karin Burghardt, an ecologist at the University of Maryland who studies biodiversity in human-managed landscapes. And those bugs need native plants. The simple connection between bird, bug, and tree means that in places tended by people, birds are at the whim of an unwitting gardener. Right now, that’s a dangerous arrangement. “The fact that we are starving them by the way we landscape has not been seriously considered. That’s the big breakthrough,” Tallamy says. That also means that a small decision on the scale of a yard can foster big changes for birds. "It empowers every individual landowner," he says. "You want to help the birds? Then control the plants that are in your landscape."
In keeping with our Halloween theme for the month of October, the “Ask a Master Gardener” Plant Clinic again featured a display board about “Spiders – Friend or Foe.” This is a great board with pictures and descriptions of funnel spiders, a black widow, a wolf spider with an egg sac and another picture of the hatched babies clinging on to her, a fish spider, an orb weaver, and a beautiful yellow-banded garden spider. Deane brought in a “critter keeper” with a praying mantis inside, but we were feeling rather disappointed that we didn’t have a real, live spider to put on display. So after some thought, Deane decided to go outside and see if he couldn’t come up with a spider to keep the praying mantis company, and he found a big, beautiful, marbled orb weaver to show to the children and adults who stopped by. We wondered how the two critters would get along, almost expecting to see one attack the other for an easy meal, but they seemed to totally ignore each other, and Deane let them go after the farmers market closed. They were quite a hit with the children who stopped by to get a closer look.

We also had spider coloring pages and puzzles for the kids to take home and learn more about these amazing arachnids. This October we had lots of people stop by with questions and comments about their encounters with spiders. Interestingly, most of the people who stopped by were mindful about not killing these creatures, and had lots of questions about how to get along with them. Although, a few people still said that if a spider crossed their path in the house they just might get stepped on! I think we are slowly changing peoples’ perception about these creatures, though.

In addition to the spider display, we also had a bat house and information about how beneficial bats are to the environment. One bat can eat 1200 mosquitos an hour which astounded most of the people we chatted with although one person said that wasn’t enough! We also had a bat skeleton and a mummified bat on display thanks to Beth from the Extension office in Chestertown. The little kids loved the mummified bat although they couldn’t understand why it couldn’t move around. It was quite life-like! And, of course, we also handed out Gardening Tips for October to the adults who stopped by to chat.

The vendors at the Farmers Market are now all indoors for the coming winter which makes the room look packed with so many enticing fall goodies to choose from. We had over 50 people stop by our table which kept us pretty busy and the time went by rather quickly. Many thanks go out to Susan Pendleton, Susan Edwards, Carol Romano, Jackie Kelly, and Suzanne Eaton who helped out and chatted with the folks who stopped by. Karen Wimsatt also stopped by to say hello.

The November Plant Clinic will be held on Thursday, November 8, from 3:30 p.m. to 6:30 p.m., and we plan on having a display about gardening tools. So if you still need hours, come join us at Christ Church, Stevensville, 830 Romancoke Rd.

Liz Hammond  410-758-2992  er93hammon@aol.com
Deane Horowitz  410-604-0969  deanoch@yahoo.com

Upcoming Plant Clinic Dates: (at the Kent Island Farmers Market, unless otherwise noted)

⇒ 12/13/18
To sign up for a particular day email Liz, come to an MG meeting or click on this link: http://signup.com/go/qWhYAOw
Hear Ye Hear Ye, Come One Come All to the
FRIENDS OF MOUNT HARMON

YULETIDE FESTIVAL
Saturday and Sunday, December 1 & 2, 11:00a.m. – 3:00p.m.
Please join us for
YULETIDE MANOR HOUSE TOURS
HEARTH COOKING IN COLONIAL KITCHEN
HOLIDAY DECORATIONS & GREENS SALE
CHILDREN’S HOLIDAY CRAFTS
Holiday fun for the Whole Family!
Decorations inspired by Colonial Williamsburg,
graciously sponsored by the Greenfingers Garden Club.
To benefit Mount Harmon Plantation, a scenic and historic treasure.
Tickets $10, FOMH Members $5, Children 12 & under free.
For Tickets and Information contact Friends of Mount Harmon
www.mountharmon.org 410-275-8819 info@mountharmon.org
Mount Harmon, 600 Mount Harmon Road, Earleville, Maryland 21919
Celebrating Christmas at Longwood Gardens

The Queen Anne’s County Master Gardeners are sponsoring a trip to Longwood Gardens on Tuesday, December 11, 2018. We will be leaving via motor coach will meet at the Ruthsburg Community Center (105 Damsonstown Rd Queen Anne, MD). We will leave promptly at 8 a.m. and will not be returning until 6 p.m. The cost of the trip is $50 for Master Gardeners and $60 for Non-Master Gardeners and includes the cost of the bus and ticket into Longwood’s. The trip is limited to the first 50 people, first come first serve basis. Please submit registration form by November 12, 2018 with checks made payable to QAC EAC (Queen Anne’s County Extension Advisory Council):

University of Maryland Extension-Queen Anne’s County
505 Railroad Ave, Suite 4
Centreville, MD 21617
(410) 758-0166 or email rjhodes@umd.edu

Longwood Gardens Trip

NAME:_____________________________________________________________

ADDRESS:________________________________________________________

TELEPHONE: ( )____________________

E-MAIL: __________________________________________________________

COUNTY:_________________________ □Master Gardener □Non-Master Gardener

R.S.V.P and payment due by November 12, 2018

University of Maryland Extension programs are open to all persons and will not discriminate against anyone because of race, age, sex, color, sexual orientation, physical or mental disability, religious ancestry or national origin, material status, genetic information, or political affiliation, or gender identity and expression.
August Monthly Tips

We had a busy month in October. We participated in several “River Friendly Yard” workshops organized by ShoreRivers. As a result of these workshops, we have had several requests for Bay-Wise consultations. We had three visits which resulted in Bay-Wise certifications. We also certified MG Gayle Jayne’s yard as a Demonstration Garden at her new residence since she took the Bay-Wise Advanced Training several years ago. In addition, MG’s Liz Hammond and Betty McAtee will be trading their regular Bay-Wise signs in for Demonstration Garden signs as they took the Advanced Training after their gardens were originally certified. We hope to have a few more visits before the weather turns too cold. Many different MG’s participated in our Bay-Wise program in various ways throughout this past year. We had site visits from southern Queen Anne’s County all the way to northern Kent County. We covered a lot of territory with many sites being waterfront. Thank you to everyone involved. Our next Bay-Wise meeting will be Tuesday, January 15, 2019 at 1:30pm at the Extension Office. Meetings and Bay-Wise visits are open to everyone.

Bay-Wise

Submitted by: MG Debbie Pusey

Last month the Centreville Library Rain Garden received a major facelift thanks to the county’s coordination with Unity Nursery. It helped us considerably as they took care of all the pruning that we usually do to prepare for winter. In September we developed a tentative planting plan for the bare areas based on what we thought would work well and availability. We were able to get some clethra altifo- lia, hamamelis virginiana (witch hazel), ilex verticillata and asclepia tuberosa. The witch hazel was selected for its fall bloom. Although it can get very tall, we should be able to keep it trimmed and manageable as it’s quite small now. Thank you to Margaret Gardner, Judy Geggis, Cheryl Huyck, Jackie Kelly, Laura Klingler, Laura Rocco, Dona Roderick, and Susan Seth for their participation in selecting, planting and weeding in September and October. Thank you also to Karen Wimsatt for donating lobelia cardinalis which was planted along with the other shrubs. We’re still planning to plant some packera aurea and liatris spicata next spring. For now, though, we are finished for this season! Thank you to everyone who helped throughout the year. We’ll start up again in the spring – March or April, depending on the weather.
BEEKEEPING 101 2019 SESSIONS

**Chestertown:**
Michael Embrey will be offering a beginning beekeeping class supported by the Upper Eastern Shore Beekeepers, Lower Eastern Shore Beekeepers and The Wye River Beekeepers Associations at Washington College, Miller Library on THURSDAY EVENINGS in the Sophie Kerr Room, in Chestertown, Maryland. There is free parking after 3:30. The opening session, the first of seven classes, will be held on Thursday, January 24, 2019 from 6:30PM to 8:30PM. Registration fee is $130.00. There is a class for students only from 4:00 to 6:00PM. There will be a total of seven (7) classes and will be held on every other Thursday until mid-April. For registration, please contact: Mike Embrey 410-924-0028 (cell) mecharjew@yahoo.com
Registration deadline is January 15, 2019, Please make check payable to: Tuckahoe Apiaries.

**Easton:**
Michael Embrey will be offering a beginning beekeeping class supported by the Upper Eastern Shore Beekeepers, Lower Eastern Shore Beekeepers and The Wye River Beekeepers Associations on Saturday mornings at the Talbot County Extension Office Bldg. in Easton, Maryland. The opening session, the first of seven classes, will be held on Saturday, January 19, 2019 from 8:30AM to 12:00PM. Registration fee is $130.00. Class size is limited. There will be a total of seven (7) classes and will be held on every other Saturdays until mid-April. For registration, please contact: Mike Embrey 410-924-0028 (cell) mecharjew@yahoo.com
Registration deadline is January 15, 2019, Please make check payable to: Tuckahoe Apiaries.

The recommended textbook is, "The Beekeeper's Handbook, Fourth Edition" by Diana Sammataro is used in conjunction with the class and can be bought on Amazon.

Centreville Day
Special thanks to Master Gardeners Betty McAtee, Joyce Anderson, and Liz Sipala for manning our booth at Centreville Day on Sunday, October 28th. The day was spent educating Queen Anne’s County residents about saving native seeds, Bay-Wise practices, and making pinecone spiders with the kiddos!
Vegetables

- Plant a late crop of basil, cilantro, and dill.
- Plant a last crop of snap beans the first week of August.
- Plant cool season crops, including spinach, lettuce, carrots, beets, broccoli, cauliflower, Chinese cabbage, turnips, kale and mustard.
- Keep seedlings moist and mulched.
- Order garlic, walking onions, and shallots for fall planting.
- Harvest leaves of herbs before they flower. Pick individually and dry indoors, or hang the stems in a dry, semi-shady room. Store dry leaves in air-tight jars. Fresh basil leaves freeze well in plastic bags that can be sealed.
- Keep weeding and watering.

Lawn

- In dry periods grasses go dormant but recover when rain returns.
- Newly seeded or sodded lawns may actually be dead and will need to be reseeded.
- Mid-August through mid-October is the best time to start new lawns and renovate or overseed existing lawns. We recommend a turf-type tall fescue cultivar at a rate of 4 lbs. of seed per 1,000 sq. ft. of area for overseeding, or 8 lbs. per 1000 sq. ft. for new lawns.

Volunteer Opportunities

Nature Club in Chestertown
Jennie Lee (Soil Conservation), Beth Hill (4-H) and Sabine are running a Nature Club for 3rd-5th graders. Most students come from Garnett. The club meets every 1st and 3rd Monday of the month at the yellow building (Library in Chestertown), from 4 until about 5:15pm.

Over 40 kids are signed up so we are going to need some extra hands! Our schedule is as follows:
- November 5th (Bird Feeders)
- November 19th (Turkeys)
- December 3rd (Evergreens)
- December 17th (Winter Solstice)

Please contact Sabine Harvey if you would like to help out on sharvey1@umd.edu or 410-778-1661.

Garden Program at Kent County Middle School
Just like last year, we will be providing a program at Kent County Middle Schools on a number of Thursday mornings. We did this last year as well and it was pretty successful. The main idea is that we work in the garden, try to grow food and prepare/cook food as well. We will have about 20 students from grades 6-8. We meet every three weeks.

Time: 7:30-9:00am!!!!

We will have the same group of students from September-January and a new group from Feb-May.

Last year the students made a salad, sweet potato pancakes and tortillas from scratch; we dissected flowers and started seeds indoors; we made insect hotels and did a lot of work in the garden.

The dates are as follows:
Fall: 11/8, 11/29, 12/20, 1/10
Spring: 2/7, 2/28, 3/21, 4/11, 5/2, 5/23

Please contact Sabine Harvey if you would be interested in helping out with one or more of these sessions. sharvey1@umd.edu, 410-778-1661

Newsletter
Do you have a knack for writing? Submitting an article to the newsletter is a great way to earn a few hours during the winter months. To submit an article email Rachel

Galilee Garden
If your looking to get in those last few hours before the end of the year, why not help put the Galilee Garden to bed? MG’s under the leadership of Larry Lorenz will be at the Garden on Saturday, November 10th from 8 to 11 AM to get it ready for the winter. All are welcome!

Continuing Education
For a complete list of eXtension webinars visit: https://learn.extension.org/events/upcoming

- 2018 All Bugs Good and Bad Webinar Series: Lice, Scabies, and Mites on Friday, November 2 at 2:00 pm EDT https://learn.extension.org/events/3263
- Oak Management Webinar and Symposium on Tuesday, November 13 at 11 am https://extension.zoom.us/j/272975349
- The weird and wonderful world of plant galls on Monday, November 19 at 2 pm https://extension.zoom.us/j/201859722
- Weed Management in the Garden & Landscape: Understanding Herbicides on Monday, December 17 at 2:00 pm EST https://extension.zoom.us/j/189114564

The Watering Can
Save the date for 2019....
Show Dates: January 9-11, 2019
This trade show is the place where a diverse group of green industry professions from across the country showcase new plant varieties, tools, and other horticultural related products. MANTS is open to anyone, you just have to pay to get in and you must register prior to the event. Registration to attend MANTS is $15.00 through 12/7/18 and is $20.00 beginning 12/8/18. If you are going to register to attend click on attendee registration not media or exhibitor. http://www.mants.com/attendees/ After clicking on line registration, click on attendee, then option 3 "new registration." If it asks for a company name you can put UME Master Gardener.

**Stuffed Acorn Squash**

Recipe from [www.eatsmart.umd.edu.com](http://www.eatsmart.umd.edu.com)
Servings: 4

**Ingredients:**
2 acorn squash (1-2 pounds each)
4-6 apples, washed and chopped
8-10 sprays of low- calorie butter spray
1 teaspoon ginger
⅛ teaspoon cinnamon
⅛ teaspoon nutmeg
1 tablespoon honey
2 tablespoon brown sugar

**Directions:**
1. Wash whole squash. Pierce squash several times with fork. Place on paper towel and cook 6 minutes per pound in microwave on high.
2. Cut squash in half and remove seeds.
3. Cook apples in microwave for 5 minutes.
4. Combine apples and remaining ingredients and mix. Fill each half of squash with apple mixture.
5. Cook 2 minutes more on high power in microwave. Stir apples and cook another 2 minutes on high power.
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<td>Plant Sale Meeting 11 A.M. at UME Office in Centreville</td>
<td>Plant Sale Meeting 11 A.M. at UME Office in Centreville</td>
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<td>Kent Island Plant Clinic 3:30-6:30 P.M. Galilee Garden meeting 7 P.M.</td>
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<td>Galilee Garden Clean Up 8-11 A.M.</td>
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Office Closed:

- November 5
- November 12
- November 19
- November 26
- December 29

Newsletter Submissions Due:

- November 25

Office Closed

- November 25
- November 30
### December 2018

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Office Closed: 30 31
December Newsletter Submission due on November 26th

University of Maryland Extension
505 Railroad Avenue, Suite 4
Centreville MD, 21617
Phone: (410) 758-0166

QACMG Website: http://extension.umd.edu/queen-annes-county/master-gardener-home-gardening
QACMG Facebook Page: https://www.facebook.com/QueenAnnesCountyMasterGardeners

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University of Maryland Extension
Queen Anne’s County
505 Railroad Ave.
Suite 4
Centreville, MD 21617

Vision Statement: A healthier world through environmental stewardship