



Brunswick County Master Gardener Volunteer Association Newsletter

Fall 2015 Volume VIII Issue 5

“THE OPTOMISTIC GARDENER”

Maryann Horgan, President BCMGVA

“Law of Landscape Plant Diversity” states: “In any given region of the United States, forty shrubs and trees make up over ninety percent of the landscape plantings” - Dr. J.C.Raulson

Dr. Raulston taught horticulture students at NC State and created the NCSU Arboretum. He introduced hundreds of plants to the nursery trade, adding diversity to the product line at every garden center in the state. And yet most of our neighbors shop at the big box stores and bring home the same plants every season.

Please let your friends and neighbors know about the BCMGVA Online Plant Sale going on right now. Your Plant Sale Committee (Jeanne Pavero Chair, Vicki Furhmann, Ann Gallman, Sonia Smith, Joanne Edwards and Webmaster Amanda Kiel) have proven the unique roll we can play in our community by offering native plants and plants cultivated to thrive in our environment. The spring sale was a huge success due to their vision of going native. To further help our clients become good stewards of the environment, the Online Sale is also offering rain barrels and composters.

‘The House Calls by a Master Gardener’ program is off and running. Our mission of sharing scientific based knowledge has become a joy of sharing. My first house call was a resale to a couple from Rhode Island and there were only five varieties of plants used on the entire property. Another home was set deep in a pine forest and they wanted to keep everything natural. Not much to discuss there. When we were escorted around to the back, we were surprised to find the entire yard covered in AstroTurf! No Large Patch or mole cricket problems to be found there!

The new Master Gardener class is starting September 14 and will be held every Monday and Wednesday morning at 9:00 through October. We invite you to attend any of the classes that interest you to improve your own knowledge base. Sam Marshall has started a mentor program to welcome, encourage and nurture our new class. The mentors will meet several times with a small team throughout the course. Contact Sam if you would like to participate in helping to immerse our new class into many of our rewarding activities. Three ‘Day In The Yard’ classes will start this fall, being held in Bolivia Tuesday mornings 9:00 (9/1-10/6) and Wednesday evenings 4:30(9/10-10/22) and late afternoons 4:30 on Wednesdays (10/7-11/11) at St. James Community Center.



You are invited to attend any of the presentations – all taught by your fellow master Gardeners! We continue to encourage you to participate and remain life long learners!

The staff and Board are very excited to start the fall season with lots of opportunities for you to get involved. The Botanical Garden is looking better than ever, but those weeds don’t pull themselves. We would love some more volunteers as we continue to improve our little gem that showcases a wide variety of trees, shrubs and perennials. What would JC Raulston think?

*“If you have a garden and a library, you have everything you need.”
- Cicero*

Maryann

Meeting Minutes

For the complete minutes of the membership meetings, go <http://www.bcmastergardenerva.org/> under the **About Us** tab

Scheduled Speakers

September 14 – MG Training begins M/W 9-12
September 24 – Webinar – Bugs/pests – Matt Bertone, Entomologist for Plant Disease & Insect Clinic
September 26 – International Festival at BCC
October 22 – Organic Farming, Henry Burkert, Greenlands Farm
November 19 – Poinsettias, Susan Brown, New Hanover Extension Agent.

Certified Master Gardeners

Check the NCSU Website for opportunities to fulfill your 40 hours are required to remain qualified. [Click here](#)

Vendor Discounts

If you've paid your association dues for 2015 and didn't get your vendor discount card, be sure to stop in Tom's office to pick it up. Tom will have a list of participating vendors available.

Regular meetings on 4th Thursday each month at 9:00 am

Sam Marshall

Extension Horticulture Agent



Horticulture Program Updates

I think we're in the short rows now and hopefully the dog days are becoming a thing of the past. As we gear up for the fall season there are lots of things to look forward to in the next couple of months. The Master Gardener Training program is full and I have high hopes for the class this year. As always, we are adding a diverse set of talents to an already robust program which I believe will further strengthen the program and all of the great things the Master Gardener Volunteers have accomplished thus far.

Class will begin on September 14th and will meet every Monday and Wednesday from 9-12p through October. On Thursday, September 17th we will be travelling to Raleigh to the soils lab and get a tour of the facility and see what happens with all those boxes we send out every Friday. I encourage all of you to attend, not only on the field trip, but to any of the classes you fill you could use a refresher on. I have included a syllabus in this edition of the newsletter (page 7).

As things begin to wind down for the year, you likely will begin to notice more "problems" showing up on your garden plants. I just had a call from a homeowner who said she had already given up on 2015 and is already preparing for next season. And I can't say that I really blame her. With cooler weather comes another set of issues you have to deal with. I have included below some emerging fall problems for landscapes and how to control them. Tell your neighbors!

Large patch is a very common disease of turfgrass lawns and now is the time to begin treatment. Labor day is a good time to begin applications of fungicides, followed by another application 6 weeks later (mid-October). Before treatment begins, make sure you have confirmed large patch in your yard.

Pest alert. Every autumn, fall webworms make an annual appearance in the tops of trees. They are made up of a mass of webbing found at the end of tree branches. The webs contain many tiny, hairy caterpillars. Fall webworms are found late summer into the fall on pecans, sourwood, and persimmon although they can feed on over 600 species of trees and shrubs. The worms overwinter as pupae in mulch, leaf litter and soil with moths emerging March to April. The females lay up to 900 eggs in masses on the underside of leaves. The eggs hatch and begin forming webbing to protect them as they feed.

Fall webworms can be easily disrupted by using a stick or pole to pull open webs within reach. Pulling open the webs exposes caterpillars to predators such as birds and wasp. Carbaryl (Sevin) could be used to spray webs within reach. When using an insecticide, spray the foliage just beyond the web mass. However, spraying the web itself is not very effective because the webbing prevents good contact with caterpillars. Due to safety reasons, it is not recommended to use fire to destroy fall webworms because the fire may get out of hand and destroy the tree, endanger the person and nearby properties. If the webs are not within reach do not worry, although they are unsightly they usually do not harm the tree's overall health.

Continued on Page 7 (SAM)

Master Gardeners Board

Elected Officers:

President

Maryann Horgan
gerbil333@aol.com
910-454-0481

Vice president

Jeanne Pavero
jeanne.pavero@gmail.com
910-253-9679

Treasurer

Merry MacBarb
mmacbarb@gmail.com
910-253-5110

Recording Secretary

Vicki Fuhrmann
vickifuhrmann@gmail.com
301-904-7615

Corresponding Secretary

Ann Gallman
ann.gallman@gmail.com
910-363-4027

Volunteer Chairs:

Banquets/Parties

Sonia Smith
sones@ec.rr.com
203-249-5911

Hardscape

Fred Mina
fred@theminas.net
910-278-6205

Library/Speakers

Grace Wrigley
gwrigley@atmc.net
910-846-3341

Membership

Joanne Bendy
jibendy04@gmail.com
910-575-0071

NCMGVA Liaison

Shirley Waggoner-Eisenman
shirley1934@atmc.net
910-754-4148

Newsletter Editor

Hank Rapp
hankrapp@atmc.net
910-253-4071

History/Publicity

Mary Dixon
mtdixon@atmc.net
910-755-6873

Donna Coulson
coulsondonna@gmail.com
910-399-6321

Trip Planning

Ellen Pecina
erhousesitters@aol.com
910-575-6877

Webmaster

Amanda Kiel
pogank@gmail.com
216-375-6511

Staff:

Sam Marshall
wmarshall2@ncsu.edu
Anita Handler
thandler@ec.rr.com
Michelle Spencer
michelle_spencer@ncsu.edu
Tom Woods
tom_woods@ncsu.edu

Maritime Museum



On Saturday, July 11, Amanda Kiel and Jeanne Pavero had a table at the Maritime Museum in Southport. They provided information on gardening in southeastern coastal Carolina.

They also promoted the upcoming online plant sale, day in the yard and house calls. People inquired about irrigation, insects and soil samples.

This was a great community outreach opportunity for Master Gardeners.

Day-In-the-Yard 2015 Schedule

	Fall at Bolivia Ex. Trn. Cntr. Tues 0900-1130	Fall at St. James Comm. Cntr Thur 1400-1630	Fall Evening Bolivia Ex. Trn. Cntr. Tues 1630-1900
Extension Visit			
Soils & Fertilization	9/01/2015 Mina	9/10/2015 Horgan	10/07/2015 Mina
Lawns & Irrigation	9/08/2015 Kriger	9/17/2015 Woods	10/14/2015 Woods
Woody Ornamentals & Pruning	9/15/2015 Bell, Lemieux, Woods	9/24/2015 Cousineau, Woods	10/21/2015 Spencer, Woods
Annuals, Bulbs & Perennials	9/22/2015 Koehly	10/01/2015 Mastrovich	10/28/2015 Mastrovich
Diseases, Insects & Pesticides	9/29/2015 S Horgan	10/15/2015 Horgan	11/04/2015 Horgan
Vegetables & Fruits	10/06/2015 Cousineau	10/22/2015 Cousineau	11/11/2015 Cousineau

Wild is the music of autumnal winds
Amongst the faded woods.
~William Wordsworth

Brunswick County Solid Waste Free Dump Week



Brunswick County will be hosting fall free dump week at the Brunswick County Landfill September 14th through September 19th, 2015. Brunswick County residents/property owners may dispose of all materials except for regular household trash or new construction debris free of charge at the County Landfill.

Please note that all convenient sites will maintain their regular tipping fees. Anyone driving a commercial vehicle or hauling commercial debris will be charged regular tipping fees. Proof of Brunswick County property ownership or residency is required and will be checked at the landfill entrance.

Please take into consideration when loading your vehicle that metal, tires, electronics, latex paint, fluorescent bulbs and yard debris CANNOT be disposed of with regular household items. You may bring those items for disposal during free week but they must be placed in their designated area.

Plant Box

Michelle Spencer, Program Assistant at the Extension office, finds her work incredibly rewarding. This spring, a Southport resident who works at Carillon Assisted Living called the office asking if there was any way to deliver some gardening capability to residents of the Center. Michelle had a long-standing working partnership with Fred Michael, then Deputy Director of Health Services at Brunswick County Health Services. A phone call later, there was a promise of a raised bed and soil to fill the bed.

After the design was chosen, a few weeks later, the bed was delivered in a box as a kit. Steven Sowers, Brunswick County resident, and the newest employee at the office has some great handy skills and he assembled the kit in a couple of hours. It is built to be accessible to someone sitting in a chair or wheelchair. Within a short time of the original request, a planter, soil, and shovels and trowels were delivered to the facility in Southport.

Recently the office received an email from the facility with photos of Mario Toro gardening, raising his Mountain Merit tomato plants, and smiling and watering. He is obviously enjoying his newly found gardening spot on the back patio. It would have been very easy for this simple request to have been ignored. For a few hundred dollars, some gardening capability, peace of mind and sense of accomplishment was available to some folks in our county who needed this. Mr. Toro is the father of Jeanne Pavero, who is an active Master Gardener and Junior Master Gardener 4-H Club leader. Jeanne is also our current VP.



Bringing the World to Brunswick County



*Saturday,
September
26, 2015
10am~3 pm*



International Village, food tasting, Passport to Culture, vendors, children's workshop, art poster contest, ethnic vendors and multinational performances.



Bringing the World to Brunswick County

International Village, food tasting, Passport to Culture, vendors, children's workshop, art poster contest, ethnic vendors, and multinational performances

*Saturday,
September 26, 2015
10 a.m. to 3 p.m.*

FREE ADMISSION

Grounds of Odell Williamson Auditorium at Brunswick Community College, 50 College Rd., Bolivia For more information, to participate or sponsor, e-mail interculturalfestival@hotmail.com or call (910) 842-6566 Visit www.bcifestival.org or like us on FACEBOOK



Thomas Keiser, Wealth Financial

**BRUNSWICK
COMMUNITY COLLEGE**



**THE STATE PORT
PILOT**
A Good Neighbor is a Good Company



THE BRUNSWICK BEACON

Life on the Farm needs Volunteers



Volunteers are needed for Life on the Farm. This years Life on the Farm will be held October 5th –9th and October 12th-16th.

In the past Master Gardeners have helped teach at the Farm, subjects such as Pollination, soils, photosynthesis, germination, flower parts, and more.

Training for this year’s Life on the Farm will be held September 24th immediately following the meeting. Please call Blair Green for complete details and let her know you are a willing volunteer: 910-872-3004

Park Bench

With funding provided by Director Mark Blevins through the CES, a wonderful park bench now enhances the Botanical Garden. Thanks to Fred Mina for his skill in assembling the bench.



The genial sunlight melts on the hills
The breath of the morning white and cold;
By the wayside bend sprays of aster bloom
And the forest turns to russet and gold...
~C.B. Galbreath, "Autumn Leaves," October 1918

Botanical Garden Waterfall

At last, the water flows clear in our garden water feature



4-H Judging Volunteers needed



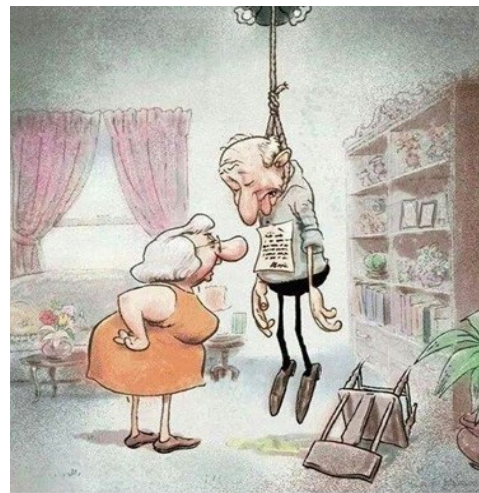
4-H needs volunteers for this year’s Fair

The Brunswick County 4-H Fair is being held this coming October and we are currently seeking fair judges for photography, writing, arts and crafts, sewing, small and large animal, prepared food, talent, presentations, horticulture, project posters. (more categories, will send fair book to those interested)

Dates: October 7-10th (day is based on category being judged)

Requirements: Use Judging rubric provided to judge category. Please contact Agnes Taylor at a.j.sierattaylor63@gmail.com

Note: Agnes' correct email is a.j.sierattaylor63@gmail.com



“You misspelled ‘constant criticism’.”

ALLERTON NATIONAL TROPICAL BOTANICAL GARDENS KAUAI HAWAII

- submitted by Maryann Horgan

Allerton Gardens are found on the south shore of Kauai between the Pacific Ocean and the Lawai Valley. Over the years, this paradise has been transformed by the hands of Queen Ella, a sugar plantation magnate and most significantly by an artist and an architect. The dramatic topography led to the creation of a masterpiece of garden art. The scale of the cliffs, gorges and plants makes you suspect that Walt Disney had a hand in this garden. Although it is lush and natural, there doesn't appear to be a leaf out of place.



Towering rain forest trees grow near bronze mermaids.

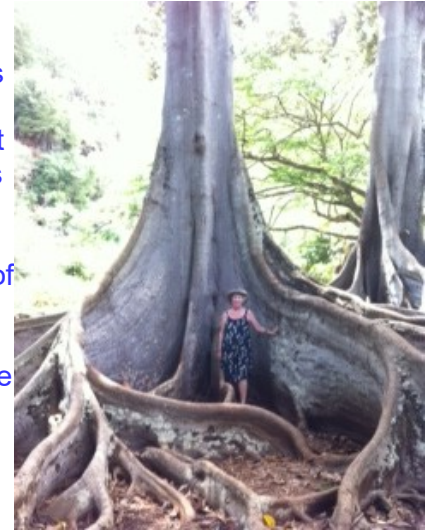


A grove of swaying golden bamboo is blessed by a Buddha. The Allerton's son traveled all over Europe and Asia to bring back art to place in the garden rooms. Rock surfaces are faced with Maiden Hair Ferns. A fruit orchard is heavy with tropical fruits and the ground was littered with mangos.

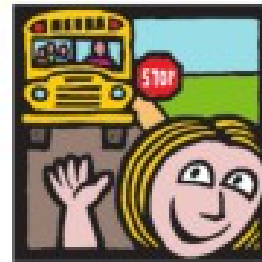
The focus of the garden is on landscape design, but the plants are botanically important specimens of the tropics, including palms, heliconias ('lobster claws'), gingers, prayer plants, and Chinese taro. Monkey pod trees were planted to shade the homes of sugar cane workers and they remain to form a popular canopy tree. They reminded me of our spreading Live Oak canopies and tunnels in the South.



Although many favorite movies have been filmed on Kauai and in the Allerton Garden (South Pacific, Pirates of the Caribbean, Jurassic Park), I didn't bump into anything as interesting as Johnny Depp, but I did stand among the brackets of the Banyan Tree where the dinosaur eggs were found in the first Jurassic Park.



"Autumn is the eternal corrective. It is ripeness and color and a time of maturity; but it is also breadth, and depth, and distance. What man can stand with autumn on a hilltop and fail to see the span of his world and the meaning of the rolling hills that reach to the far horizon?" -Hal Borland



SCHOOLBUS SEASON

*Schoolkids frown as if to say,
'So how did summer slip away?'*
*Ecstatic mothers click their heels:
'So this is how vacation feels!'*
— D.A.W.

SAM (continued from page 2)

Fall webworms can be easily disrupted by using a stick or pole to pull open webs within reach. Pulling open the webs exposes caterpillars to predators such as birds and wasp. Carbaryl (Sevin) could be used to spray webs within reach. When using an insecticide, spray the foliage just beyond the web mass. However, spraying the web itself is not very effective because the webbing prevents good contact with caterpillars. Due to safety reasons, it is not recommended to use fire to destroy fall webworms because the fire may get out of hand and destroy the tree, endanger the person and nearby properties. If the webs are not within reach do not worry, although they are unsightly they usually do not harm the tree's overall health.

Fall veggies can be planted in September. Brassicas like broccoli, cabbage, cauliflower, collards, kale, and kohlrabi can be planted through the middle of September. Keep an eye out for caterpillars on these crops. You can protect your plants with row covers or control caterpillars with products containing Bt or spinosad, if needed. Root crops are another great fall option. Plant beets, radishes and turnips through the middle of September while parsnips and rutabagas can be planted through the end of September. These vegetables will hold well under cool conditions and can be harvested as needed.

Plant leafy greens like lettuce, arugula and mustard for a quick harvest. You can harvest baby greens when the leaves are 4-5 inches high. Trim the leaves off with a pair of kitchen shears while leaving the growing point intact. These plants will resprout several times for multiple harvests. Cool season herbs like dill, parsley and cilantro can be direct sown or set out as transplants in September and will stay green well past the first crop. Harvest as needed for fresh use. Consider planting garlic and onions in October. These crops will be ready to harvest next spring. Choose short-day varieties of onion like Grano or Texas Supersweet.

— *Sam*

Extension Master Gardener Training Syllabus

Instructor(s): Varies
 Contact: wsmarsh2@ncsu.edu
 Monday and Wednesday (9/14-10/28)
 Lecture/Lab: 9a-12p

Program Purpose

The Master Gardener Volunteer Training Program prepares potential volunteers to assist North Carolina State Extension staff in addressing home horticulture-related topics, including plant selection, establishment and care of lawn, garden and landscapes with an emphasis on integrated approaches to pest management and environmental stewardship. Volunteers assist with Extension's educational programs throughout Brunswick County and extend the reach of horticulture extension staff by providing research-based information to home gardeners. Extension Master Gardeners Volunteers are a part of North Carolina State University, a land grant institution. Extension Master Gardener Training is an 8-week course designed to enrich your horticultural knowledge so that you can provide non-biased, research-based information to residents of Brunswick County. This course will cover importance of

volunteerism, basic botany and entomology, vegetable/fruit production, as well as advanced topics such as irrigation and landscape design. There will be a lab component to most classes that will work towards a final class project.

Course Objective:

The EMGV Training Program will equip trainees with the knowledge and skills necessary for addressing home horticulture-related topics. Upon completion of the training program, Master Gardener Volunteers will 1) assist horticulture staff in serving the residents of Brunswick County in the field of consumer horticulture, and 2) effectively deliver research-based information from NC State Extension and Horticulture Staff to the residents of Brunswick County.

Class Schedule:

M, 9/14	Class: Introduction to the Extension Master Gardener Volunteer (EMGV) Program; Sam Marshall Lab: Office Procedures and working with the General Public
W, 9/16	Class: Soils, Plant Nutrients, Fertilizers, and Composting (Chs. 1&2); Sam Marshall Lab: Soil Characteristics; taking a soil test
Th., 9/17	Field trip to NCDA Soils Lab, Raleigh, NC
M, 9/21	Class: Reading and Interpreting a Soil Report; Meet your mentor Sam Marshall Lab: Fertilizer calculation exercise and Field Calibration
W, 9/23	Class: Basic Botany (Chs. 3&4); Sam Marshall Lab: Plant ID in the Botanical Garden*
M, 9/28	Class: Annuals, Perennials, and Bulbs (Ch. 14); Susan Brown Lab: TBD
W, 9/30	Class: Woody Ornamentals and Pruning (Ch. 13); Tim Mathews Lab: Ornamental Identification (Bot. Garden)
M, 10/5	Class: Landscape Design (Chs. 10 & 12); Susan Brown Lab: Site assessment for class project at cafeteria
W, 10/7	Class: Plant Propagation and Indoor Plants; George Wong-Chong Lab: Propagate plants in botanical garden
M, 10/12	Class: Basic Weed Ecology and Management; Sam Marshall Lab: Weed I.D. and Recommendations
W, 10/14	Class: Basic Entomology and Integrated Pest Management (Chs. 6&9); Sam Marshall Lab: Optional Workday in the Botanical Garden
M, 10/19	Class: Plant Disease and Diagnosis (Chs. 7 & 19); Sam Marshall Lab: Plant Disease Diagnosis and Recommendations
W, 10/21	Class: Fruit and Vegetable Gardening; Michelle Spencer Lab: Work on Project
M, 10/26	Class: Introduction to Turfgrass and Irrigation (Chs. 15 & 11); Tom Woods Lab: Review a Soil Report; nutrient requirements of different plants
W, 10/28	Class: Review Master Gardener Office Procedures; Sam Marshall Lab: Take Home Exam
M, 11/2	Class: Backyard Ecology; Turn in Exams Sam Marshall and Sabrina Woofter No Lab!
W, 11/4	Graduation celebration



You're supposed to use a paper clip to pop the reset button on the ink cartridge when the computer says you're out of ink. It's like an extra amount for emergency printing.



[Ouachita National Forest, Arkansas](#)

Brunswick County Master Gardener Volunteer Association
P.O. Box 109
Bolivia, NC 28422
Office: 910-253-2610



[First Class Mail](#)

Useful links for online access:
<http://www.bcmastergardenerva.org/>
<http://brunswick.ces.ncsu.edu/>
<http://www.ncmastergardeners.org>
<http://pendergardener.blogspot.com/>