

The Weeders' Digest

A Global Warming Perspective



At our August meeting, Richard Carpenter from the National Weather Center gave a Perspective on Global Warming. Dr. Richard Carpenter earned his Ph.D. in Meteorology from the University of Oklahoma. He is a Senior Research Meteorologist with DTN, an international weather-related company with offices in Norman. He is also an American Meteorological Society Certified Consulting Meteorologist.

Programs....

by Lois Cox Marshall

No September Monthly Meeting! We do not have a monthly meeting in September due to the Cleveland County Fair. We will be back in October with a member showcase of Judy Kautz sharing her pictures from Germany.

Mark Your Calendars!

State Master Gardener Conference Registration is open!
See info on page 24!

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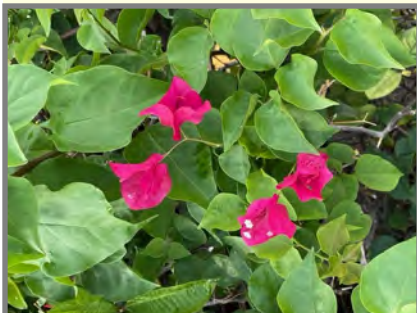


President's Posting

By Lois Cox Marshall

Being a newlywed at this age is really different! We definitely feel young at heart and very much in love but then we look in the mirror! Love is timeless, however, and we are enjoying our new married life together. Are there adjustments—absolutely. Are we stuck in our ways at this age—certainly. But we are excited about our new life together and working out the bugs.

The US Virgin Islands of St. Thomas and St. Johns were just beautiful.



The water in the Caribbean is crystal clear. We adapted to island time quickly and sank into a week of laid-back activities. We didn't have to be anywhere at a specific time so just enjoyed the scenery and resting after a summer of moving and wedding planning.



The flowers on St. Thomas were beautiful. I have included some pictures. It rained every day but one while there but didn't rain long. Sure helps make the flowers look great.

And then we flew back to Oklahoma and saw all the brown grass—what a difference from where we were! Climate has such an influence on our culture in many ways. We have all had to adapt to a different gardening with less water and



more heat. I think back to the session we had on native plants. When we build our new house next year, I plan to use a great deal of natives in the landscape for the very reason of water shortages and the possibility of that continuing.



As a teacher by profession, September is a time of starting new and fresh. For master gardeners, we have started new with a wonderful group of new students. We are so excited to welcome them to our group. New students bring new ideas and new life to our organization. If you are a student reading this, WELCOME! If you are an existing master gardener, let's do all we can to make them feel welcome. Enjoy the fair this month without our regular monthly meeting!

Lois



In the October 15th community education class that meets in classroom “C” of the OSU extension office at 601 E. Robinson, Marilyn Solomon will explain what Oklahoma Proven means and share the names of proven perennials, annuals, shrubs, and trees that have flourished in Oklahoma over the last several years. Marilyn Solomon completed her Master Gardener training in 2008 at the Oklahoma County Extension office, but transferred to Cleveland County about 2011. She has 8 flower gardens plus a large shade garden in her 1-acre space. In addition she and her husband have three different areas for vegetable gardens including three raised beds. Gardening is Marilyn’s stress reducer so she also manages two beds in the demo garden. Working in the greenhouse during the winter months she feels is the most fulfilling activity of all. Marilyn works diligently as a master gardener in Cleveland County. Marilyn has also served as the Master Gardener Secretary for many years taking copious notes at monthly as well as executive meetings. *(Information provided by Marilyn Solomon.)*



Junior Master Gardener Program

by Lois Cox Marshall

We have 10 who are working with our first Jr. Master Gardener Program on September 17. Those in the group have completed a background check and training for working with young people. There is a girl scout troop of 14 students from Kindergarten through 8th grade who will spend from 9-11 a.m. experiencing some garden activities. They have badges we are meeting the requirements for combined with curriculum provided by the state office to help us get started. Look for pictures in next month’s newsletter about this exciting new program. This will only be the one day for them but will get us thinking about more activities in the future.



Welcome To Our New Students!

by Lois Cox Marshall

We were so thrilled with the great turnout at our welcoming picnic. Master Gardeners—you are such a great group to welcome these newbies with such a great time, good food, and lovely cuttings to take home. I met each of you new ones as you came through the line. Looks like a wonderful group with a huge variety of experience to bring to our group. We look forward to working with you in the future and are so happy to have you here! Welcome. *Photos of the new student luncheon are located on pages 14-16.*



Finally! We are back to our 9-12 times on Tuesday and Friday. Plus, we enjoyed a couple of days of rain. I'm ready for more!

Bedheads needed: We do have a couple of beds available for a bedhead. Half of the big Oklahoma Proven and The Shade Garden. Both beds are pretty easy due to well established so an easy takeover. Plus, The Shade Garden is great for those hot days.

We really could use assistants on a lot of beds, too. It's a great way to learn about a bed. Contact Georgiana about bedheads and assistants.

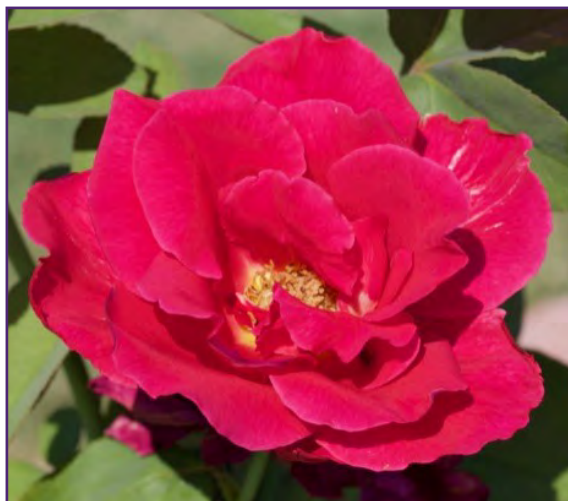
Locust Group (*pictured at right*): Great job, guys! The areas worked on were the NW corner by the Straw Bale Garden, the right side of Oklahoma Proven and The Native Garden. They are looking really good. This group is open to any of you. If you can only come once, twice, 3 times, this is the perfect group for you! Not everyone can do biweekly, weekly, monthly or bimonthly so this group allows us to bring in more people and you get to work with a great group of people. Good way to get to know your fellow MG's too!

Kathi

Garden photos below by Rahmona Thompson













The On-Going Metamorphosis of Our Demonstration Garden

Change is hard. While change is uncomfortable, it is also unavoidable. We've all had to endure a lot of change over the past few years, personally and within our Master Gardener group. As horticulture educator and the advisor to this association, I've witnessed a lot of those changes firsthand. I've watched a lot of our group become well-versed in Zoom as we sheltered in place. We've moved our monthly meeting to Wednesdays so that we could have more room to spread out. We've seen the Norman Farm Market move and the creation of our incredible info booth.

We hosted a listening session in November 2021 to gather input and help make well-informed decisions about our activities. Over 30 members showed up to express their thoughts on how CCMGA should look in the future. A lot of ideas were discussed, but one thing was absolutely clear – the demonstration gardens must stay open. Kathi Farley, with the help of Georjana Mauldin, are making sure that happens. To keep it open and in good shape, changes had to be made. Some of those have been a lot of fun, such as the new Locust Group. Some of those have been tough, such as giving up the flower beds on the west side of the Extension Office.

A group of us got together earlier this summer to brainstorm ways to increase involvement in the garden. The discussion evolved into our new idea of the "Flex Patio". Not a place to show off muscles, but a place that can be used for many activities. The idea is that the default will be a backyard patio with many containers and places to sit. We will make sure that everything is easy to move. Then, when we have different events, we can set it up however we want! We could host classes. We could use it during the plant sale as a check out area. We could potentially use it for a pinot and painting session! Though I'll admit I need to check on the liabilities around that idea.

To execute this idea, we will need to retire two existing beds. The ethnobotanic garden will need to be broken down and the container garden in the front will be converted to a mulch area, making it much easier to receive truckloads of material. We plan to implement this during the Untied Way Day of Caring on September 16th. A lot of love and expertise went into creating these beds. They've been fine examples of gardening for many years. We're thankful to the ones that designed, implemented, and cared for them. We would like to see the plants in these gardens go to a good home, so please feel free to dig them up between now and September 16th.

Change is necessary for progress, but it is hard. Therefore, I'm going to start referring to this as a metamorphosis for demonstration garden. The garden is adapting to the current environment and growing in a new way, so that we can continue to be an incredible resource to our community.



CCMGA at the Farmer's Market

By Claren Kidd

Finally! We are back to our 9-12 times on Tuesday and Have you been to the Farmer's Market at The Well in Norman? Don't miss the Cleveland County Master Gardener team's table. Stop by Saturday mornings between 8am and noon, browse and admire the painted rocks. Our friendly Master Gardener's love to talk about plants and how we solve challenges of growing in Oklahoma.

There is a loaded table with a selection of some popular OSU fact sheets (e.g. lawn care, roses, tomatoes, strawberries, irrigation, fruit trees, pest control, spiders and ticks, poison ivy, annuals, raised beds, fall garden). If your particular interest isn't there, one of the Master Gardeners will give a business card with the email and phone number so you can detail your question with pictures and Master Gardener will answer back. Or look online for a substantial list of OSU Extension fact sheets.

Do you know the pH of your soil? There is a pamphlet about how to get your soil tested. This is critical for selecting plants that will be successful in your yard.

Are you interested in learning more? There are often listings of upcoming public weekend or short classes.

If you want to deep dive further ask about the 2023 Master Gardener classes.

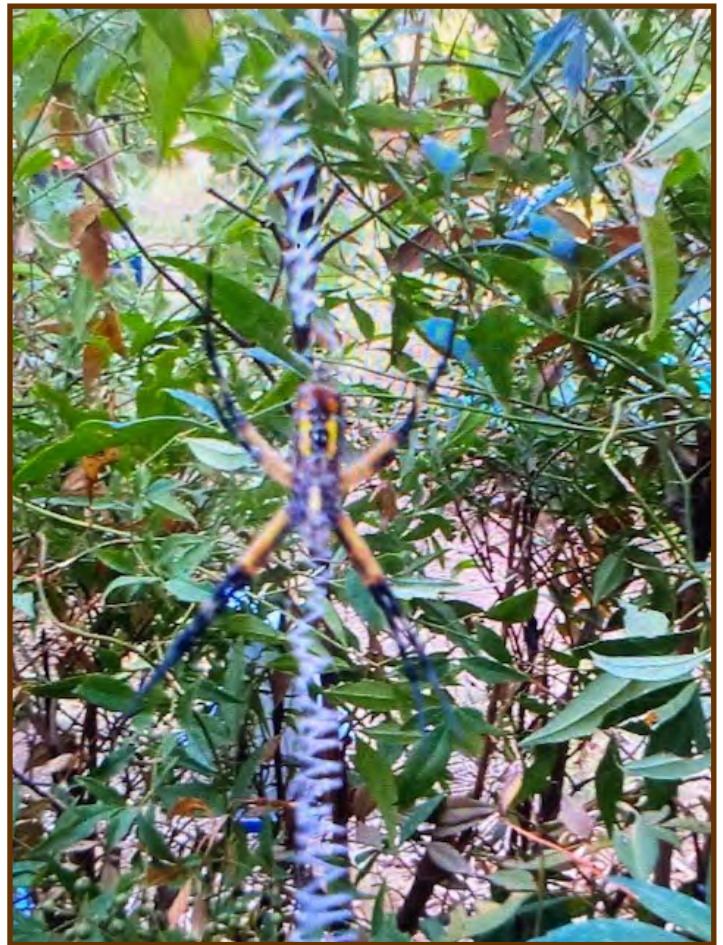
If your children are with you don't miss getting them coloring pages for butterflies and caterpillar.

Photos by Claren Kidd and Rahmona Thompson include Claren Kidd, Joan Kemmet Greenleaf, Joan Barker, Susan Aiken, Valerie Green and Rayge Johnson.





Photo Booth



Above, **Vada Edwards** shares, "Picture my 4 year old granddaughter took with her tablet." What a great photo of an orb spider!

Above left, **Janelle Miller** says, "A standard morning glory climbing along a bird-of-paradise makes for a convenient buffet for humming birds, which I enjoy observing from my patio most mornings."

Left, **Jo Ann Dysart** says "While shopping with my sister & niece recently, we stumbled upon a plant store 'Out on a Limb Boutique' at 1751 NW 16th St., OKC. It's in the Lyric Theater Plaza district. Five plant workshops are offered in Sept."



Jeanne Parker shares, "My five foot tall eggplant seemed to love the heat."



Monarchs in the Park

By Lois Cox Marshall

We will have a booth at this event October 2 from noon to 4 p.m. in Andrews Park. We have several who have voiced an interest in working the 2 shifts for the afternoon. If you would like to join in the fun, attend a meeting September 27 at 2 pm in Classroom C to plan what we will be doing. This will be a short meeting.



United Way Day of Caring

by Joan Barker

We have been partnered with the Oklahoma Electric Cooperative (OEC) this year for the United Way Day of Caring! We will get so much accomplished in the Demo Garden on Friday, September 16th!!



CCMGA Horticulture Scholarship Awarded



Our horticulture scholarship of \$1000 donated to an OSU hort student by CCMGA was presented to Malia Readmour. She's a horticulture business major graduating in December. She's also attending OSU-OKC to receive a floral design certificate. Our own Courtney DeKalb-Myers was at the banquet to present the scholarship. She said, "The banquet was very impressive. Over \$170,000 scholarships were given to students. It seems to have grown since we went in 2019!" Left, Courtney and Malia are pictured at the presentation.



CCMGA Members Judge Canadian County Floral Exhibits



Judy Kautz and Marilyn Solomon had the privilege of judging floral exhibits at the Canadian County Fair. Assisted by Canadian County MGs, the two evaluated exhibited flowers in a variety of categories

and then picked best of show. Photos of them were posted after the fair.



New Student Luncheon

by Judy Kautz





New Student Luncheon

by Judy Kautz





New Student Luncheon

by Judy Kautz





Figs in Oklahoma

The CCMGA Demonstration Garden is blessed with a great Brown Turkey fig bush, just inside the main entrance gate. I have been tending the fig for the last two years but I think what I was told is that it was planted at least 10 years ago, maybe longer. Growing up in the South, I was always around figs and remember climbing in a fig tree in the neighbor's backyard. My first house in Tifton, Georgia came with the largest fig TREE in town. Not a bush but a tree, 20 feet tall and 30 feet across. It was climbable and I guess it had been there for 40-50 years. Unfortunately the third winter we lived at that house we had 6 °F followed by 0 °F the next winter. After these two freezes, the tree was killed back to the ground and it came back as a really big fig bush but I never quite got over losing my fig TREE.

And of course, that is the problem in Oklahoma for figs. It gets too cold for them most winters for the aboveground parts to survive. Luckily a well mulched fig will make it through most winters, even in Oklahoma. The Great Freeze of February 2021 set the Oklahoma state record for lowest statewide temperature – 0.7 °F. The temperature in Norman was around – 12 °F and the Demo Garden fig bush survived. Figs planted at the Oklahoma State University farm in Perkins survived a temperature of –14 °F there. So it seems to be safe to plant figs in OK as long as you don't mind them dying back to the ground most winters. There is a good video from OSU on figs at this link that discusses cold hardiness and planting:

https://video.okstate.edu/media/OKGA+Growing+Figs+in+Central+Oklahoma/1_oc4qnm3s

So far in my two years with the CCMGA fig bush it has had one bad year, the 2021 growing season and one good year, the 2022 growing season. In 2021, it was all first year growth after the extremely cold winter. It set a good crop of figs but only 10-20 ripened before we had our first freeze. The fruit was not ripening at all until I fertilized it in August (2 lbs of 10-10-10) and after that it ripened a small crop. I had read on an extension service website that fertilizing during the fruiting period would help ripening and it did seem to help. In 2022, there was good survival of the 2021 stems so there this year there is some growth that is second year. It doesn't seem that the second year branches are producing more but overall the plant is producing very well. I have fertilized it twice, once in mid July and once in mid August with 2lbs of 10-10-10 each time. It gets irrigated on the regular schedule which is every other day. I water the fertilizer in with a hose but otherwise it is not getting more than the regular irrigation. So far (as of August 25) we have gotten an estimated 18 lbs of figs from the bush and it is still producing. The figs have been used in a couple of dishes at the August pot-luck and I was able to take about 10 lbs of figs to Food and Shelter on August 22. I don't know exactly what they did with them but the folks working in the kitchen loved them.

Besides fertilizing the fig bush during the fruit ripening time, another thing I have learned is about picking figs. I thought it was as simple as if it is purple (in the case of the Brown Turkey fig that we have) then you picked it. I knew that if you picked green figs they would not ripen. What I didn't realize is that once the fig has swelled and started to droop, it will ripen after picking. This may not be too important if your fig bush is growing right outside your door and you can check it every day. But for the one at the Demo Garden that only gets visited once or twice a week, it has been a very convenient discovery. If you pick a fig that has swelled and is drooping but is not yet purple, it will still ripen. I have been leaving the less ripe figs in a bowl at room temperature covered with a cloth for about 24 hours and they ripen nicely. This not-very-good picture from the Demo Garden shows a fig that is still greenish-yellow but its stem is distinctly drooping. It can be picked and it will continue to ripen.





Demonstration Garden Diaries *By Georjana Mauldin*

SEPTEMBER FEATURED GARDEN = COTTAGE GARDEN BEDHEAD = Cherri Cummings

The featured garden this month has been salvaged from a wet mess to one of the most adorable beds in the Demonstration Garden. See the before and after photos below.

Some people say that James Brown, of Funk and Rock and Roll fame, was the "Hardest Working Man in Show Business!" I'd like to compare his work ethic to Cherri's. I'd say she is one of the "Hardest Working Gals in the Garden!" If you want something tore-up, fixed-up, moved from here to there, call Cherri.

I started my interview by asking a few standard questions. Here they are:

When did your interest in gardening begin?

"I remember two instances when I became quite aware of basic gardening. I was five and my sister was eight. My mother gave us a huge dishpan and told us to go "up to the blackberry patch and not to come back till the pan was full." This incident surely violated all known child labor laws. Likewise was the second incident wherein my moth-



er stated she would pay my sister and myself fifty cents per Iris row if weeded all rows!! The rows were an acre in length and there were 7 rows. At the time it sounded like a great deal however, looking back I feel somewhat exploited."

Tell a funny story about your gardening journey?

"When I first saw my newly assigned garden after the first spring rain, I immediately began researching the cost of bulldozers, graders, and backhoes. We seemed to have had a serious drainage problem."

What is the concept of your demonstration garden?

"The basic concept of this garden is that of a cottage garden. I borrowed heavily from the concepts of the old fashioned gardens which were so common during my upbringing on the farm."

What are your future plans for the Cottage Garden?

"I hope to introduce plants which will provide more texture to the garden as well as replacing invasive plants."





Demonstration Garden Diaries *By Georjana Mauldin*

A Flock Of WHAT??

As I've said before, we Master Gardeners are mini-scientists at heart. Information gathering is a strong trait that we share. For me, anything that makes me think, "hmm?" sticks in my brain to be answered later. So, I've always found that calling a group of Crows - a Murder of Crows - odd. Why would anyone use that term?

Well, I have found the answer in this article: "What's a Flock of Birds Called? Understanding This Behavior in Birds," By Melissa Mayntz. Here is my answer: "A flock of crows is known as a murder, a name given to these smart, social creatures because they were once thought of as omens of death, scavenging for food where there were dead bodies." <https://www.thespruce.com/flock-names-of-groups-of-birds-386827> Here are more examples of these descriptive bird words:

Birds of Prey (hawks, falcons): cast, cauldron, kettle	Lapwings: deceit
Bobolinks: chain	Larks: bevy, exaltation, ascension, happiness
Budgerigars: chatter	Loons: asylum, cry, water dance
Buzzards: wake	Magpies: tiding
Cardinals: college, conclave, radiance, Vatican	Mallards: sord, flush
Catbirds: mewling	Nightingales: watch
Chickadees: banditry	Owls: parliament, wisdom, study, bazaar, glaring
Chickens: peep	Painted Buntings: mural, palette
Cormorants: flight, gulp, sunning, swim	Parrots: pandemonium, company, prattle
Coots: cover	Partridges: covey
Cowbirds: corral, herd	Peafowl: party, ostentation
Cranes: herd, dance	Pelicans: squadron, pod, scoop
Creepers: spiral	Penguins: colony, huddle, creche, waddle
Crossbills: crookedness, warp	Phalaropes: swirl, twirl, whirl, whirligig
Crows: murder, congress, horde, muster, cauldron	Pheasants: nye, bevy, bouquet, covey
Doves: bevy, cote, flight, dule	Plovers: congregation
Ducks: raft, team, paddling, badling	Quail: battery, drift, flush, rout, shake
Eagles: convocation, congregation, aerie	Ravens: murder, congress, horde, unkindness
Emus: mob	Roadrunners: race, marathon
Finches: charm, trembling	Rooks: clamour, parliament, building
Flamingos: flamboyance, stand	Sapsuckers: slurp
Frigatebirds: fleet, flotilla	Skimmers: scoop
Game Birds (quail, grouse, ptarmigan): covey, pack, bevy	Snipe: walk, wisp
Geese: skein, wedge, gaggle, plump	Sparrows: host, quarrel, knot, flutter, crew
Godwits: omniscience, prayer, pantheon	Starlings: chattering, affliction, murmuration, scourge, constellation
Goldfinches: charm, treasury, vein, rush, trembling	Storks: mustering
Grosbeaks: gross	Swallows: flight, gulp
Gulls: colony, squabble, flotilla, scavenging, gullery	Swans: wedge, ballet, lamentation, whiteness, regatta
Hérons: siege, sedge, scattering	Teals: spring
Hoatzins: herd	Terns: cotillion
Hummingbirds: charm, glittering, shimmer, tune, bouquet, hover	Turkeys: rafter, gobble, gang, posse
Jays: band, party, scold, cast	Turtledoves: pitying
Kingbirds: coronation, court, tyranny	Vultures: committee, venue, volt, wake
Kingfishers: concentration, relm, clique, rattle	Warblers: confusion, wrench, fall
Knots: cluster	Woodcocks: fall
	Woodpeckers: descent, drumming
	Wrens: herd, chime



Hummingbird Garden

By Georjana Mauldin



Here are some pictures of the Hummingbird bed, and we've seen Hummingbirds visiting it. This bed was deconstructed last year during the Day of Caring Workday. We inserted new soil and 800lbs of composted cow manure!

"What do you get when you use 800lbs of composted cow manure?? Happy plants."



Want a New CCMGA Shirt?



We are exploring the option of a red CCMGA shirt. Our vendor is willing to offer them via online orders, which means you can order your own without going through someone else. The shirts will be no more than \$15 each, and are Fruit of the Loom brand. Here is a photo of Courtney modeling the sample we received. We must have a minimum of 30 shirts ordered, but we have enough interested that we have met that minimum.

Information on how to order online will be provided via email to all CCMGA members and students. Watch for it. We hope to get our shirts before the State MG Conference!



Rahmona Thompson opened the meeting with the Pledge of Allegiance.

Nancy Logan (Treasurer). Beginning balance as of Jun 30, 2022, was \$30,558.8. Income for the month was \$25 Gloves Sold, \$12 Meeting Donation, \$20 dues, and \$10 Visors for a total of \$67. Expenses were \$798.27 Demo Garden. Balance on July 31, 2022, was \$29,827.53 less budgeted expenses not yet reimbursed of \$8,602.26 and less reserve for greenhouse repairs of \$1,913.00, leaving funds in excess of budget at \$19,312.27

Nancy Logan (Greenhouse) A Greenhouse sub-committee is taking over inventory planning—Kaye Holder, Marilyn Solomon, Jane Dye, and Pat Welty. Karen Wolf will be in charge of maintenance. Patty Cummings and Susan Aikman will perform insect control. This will really help Nancy's workload. There will be a greenhouse clean-up day on October 27, and we will start planting in November.

Lois, Jeannie Kline, and Patty Cummings (Programs) No report.

Donna Wright and Linda Dolezal (Education) Jerry Mowdy will present the August program on How to Build Birdhouses.

Lois Cox and Donna Carter (Garden Party) The date for the Garden Party/Plant Sale has been moved to April 15, 2023.

Judy Kautz (Public Relations) Judy has taken over most of the newsletter duties so all contributions should be sent to her. Contributions will now be due on the 1st of each month. Elaine Dockery will continue submitting Upcoming Events. Judy sent the Farmer's Market booth banner to Claren.

Kathi Farley/Georjana Mauldin (Garden Committee & Tours) – Tours will resume on the 20th and two people are needed. Kathy requested that when answering her emails, we should select Reply All. We will have tours during the Fair and work three-hour shifts. There are only two months left to get the maximum service hours from the garden. For Tours, there are twenty-seven possible hours remaining, and for the Demo Garden there are 58 hours left. Georjana's Locust group is a great idea. They hit five or six beds and walkways, and two students helped yesterday. We need a bed head for the Shade Garden and the left half of the Oklahoma Proven bed. If someone can only work in the garden infrequently, the Locust group can use them. No one is heading the Ethnobotanical bed so there are thoughts on taking it out to make a backyard patio which will enable us to set up a tent for the garden party. The patio will be portable. The Day of Caring group in September will dismantle the bed. Members can collect native plants from this bed. Remember the Potluck Lunch after the last Tuesday of the month workday.

Rahmona Thompson (Membership) She will not be in charge of membership next year. There are several trainees in the audience today.

Evan Taylor (Home tours) He is delaying a decision on Fall tours.



August Meeting Minutes (cont.)

By Marilyn Solomon

Ronna Banks, Sherry Garner, and Cheryl Jones (Hospitality) – Thanks to Sherry Garner, Mary Engel, Patty Hayes, Susan Aikman, Kathi Farley, Rahmona Thompson, and Marilyn Solomon for the lovely treats. Cheryl thanked everyone for making the Student Pic Nic successful. The Harvest Feast will be on November 10.

Julie Johnson and Phyllis Blackwell (Special Projects) They completed lawn judging for the year. They are working on sign-ups for the Fair Entry intake on September 7 and 8 Jr. Master Gardeners—On September 17, the Girl Scout Troop will join. There are two training meeting on the next two Tuesdays which will include a background check. A sign-up sheet for those wanting to help with this new initiative will be sent out.

Claren Kidd (Farmer's Market Table) She said about one hundred people visit the booth and ask good questions. Only three people fit in the booth comfortably. Two people are needed each Saturday from 7:45-12:00. The new banner will go on top of the reflectorized shield. RECURRING BUSINESS: Styrofoam recycling. Densifier Event coming up—Aug 27 Nobel Public Library from 10-12 a.m.

Dates to remember:

Aug 20 Jerry Mowdy—How to Build a Birdhouse

Aug 23 and 30- Jr. Master Gardener Training

Sept 7-11-County Fair

Sept 16-Day of Caring

Sept 17-First Jr. Master Gardener Meeting

State Conference-October 6-7

Nov 10-Harvest Feast

Courtney's Comments: She is still working on setting up a Master Gardener's desk. Anyone interested in helping should contact her. Anyone working the Help Desk can earn Service or Education hours.

The meeting adjourned.

Respectfully submitted, *Marilyn A. Solomon*



Treasurer's Report

By Nancy Logan

Beginning balance as of July 31, 2022 is \$29,827.53. Income for the month is \$35 Gloves Sold; \$33 Meeting Donations; \$2 Visors and \$100 T-Shirts for a total of \$170.00. Expenses were a total of \$277.79 Demo Garden and \$185.00 Pizza for New Class Picnic for a total of \$462.79. Balance at August 31, 2022 is \$29,534.74, less budgeted expenses not yet reimbursed of \$8,139.47 and less reserve for greenhouse repairs of \$1,913.00, leaving funds in excess of budget at \$19,482.27.

Respectfully submitted,

Nancy Logan



Impossibly Easy Coconut Pie

By Georjana Mauldin

Ingredients

1 cup flaked or shredded coconut
3/4 cup sugar
1/2 cup Original Bisquick™ mix
1/4 cup butter or margarine, softened
2 cups milk
1 1/2 teaspoons vanilla
4 eggs

Heat oven to 350°F. Grease 9-inch pie plate with shortening or cooking spray. In medium bowl, stir all ingredients until blended. Pour into pie plate. Bake 50 to 55 minutes or until golden brown and knife inserted in the center comes out clean. Cover and refrigerate any remaining pie.

Makes 8 servings

Hot Pepper Jelly

By Marilyn Solomon

Ingredients

2/3 cup hot pepper (this amount can vary according to what type of peppers used and how hot you want your jelly) I used Red Cayennes with a few green ones for my Cayenne Pepper Jelly and used Green Jalapenos for the Jalapeno Jelly
1 1/3 cup chopped bell pepper
3/4 Cup Apple Cider Vinegar
3/4 Cup White Distilled Vinegar
6 cups sugar
8 ounces liquid Certo (2 packets)
1 teaspoon food coloring (red or green) if desired. Otherwise jelly is light colored.

Chop peppers and put in blender with vinegars. Blend well and pour into large boiler. Add sugar and mix well.

Bring mixture to a rolling boil and boil for 1 minute. Remove from heat, strain through sieve and return liquid back to a boil. Boil for 5 minutes. Remove from heat.

Add Certo and food coloring quickly. Put into 6 (1/2 pint) jars and seal. Process in a boiling water bath. To do this, put into a large boiler with rack on bottom, cover with 1-2 inches of water and boil for 5 minutes. Remove to rack to cool.

Makes 6 half pints.

Note: Before I start, I wash and sterilize my jars in boiling water. Heat the lids in boiling

water before placing on jars of jelly.



Upcoming Events

Central Oklahoma Cactus & Succulent Society Fall Succulent Plant Fest

Scheduled talks for the September 24 Succulent Plant Fest, 8-5 pm

9AM. What are succulents? Mike Douglas

10AM. Basic cultivation of succulents. Kate Reynolds

11AM Why succulents look the way they do. Mike Douglas

1PM. More about cultivation, pests and problems. Kate Reynolds

2PM. A tour of succulent habitats around the world. Mike Douglas

3PM "Variegates, Cristates, and Monstrosities: Oh My!" Wil Oats

4 pm. Ask the doctor. Members

See flyer on page 19

Beyond the Backyard: A Suburban Homestead Conference

SATURDAY, SEPTEMBER 24, 2022, 9 A.M. – 2:30 P.M.

The Cleveland County OSU Extension Service is excited to present BEYOND THE BACKYARD: A Suburban Homestead Conference. Hosted at the Norman Farm Market and Cleveland County Wellness Center, this day-long workshop will cover different ways to be more self-sufficient at home! Presentations will include food preservation, edible landscaping, small grains in small spaces, and more. The cost is \$30 and includes lunch. Call the extension office at 405-321-4774 to register by September 14th.

Location: The Well

201 James Garner Ave

Norman, OK 73069



ROGERS COUNTY
EXTENSION

Registration is Open for State MG Conference!

The website is open and ready for MGs from all over Oklahoma to register for the 2022 state Master Gardener Conference - we are hosting in Claremore this fall! Please visit this secure website – browse through the events, speakers and schedule – and sign up to attend! Dates are October 6-7, 2022. Go to: <https://register.mgaroco.com/> and register today!

We hope to have 250 or more MGs attend our county and participate in the first in-person MG conference since 2019! See you there!

**CLEVELAND COUNTY MASTER
GARDENER ASSOCIATION PRESENTS**
EDUCATIONAL CLASS
Oklahoma Proven



Photo Credit:
Oklahoma Proven

**Saturday, October
15th 10:00 - 11:00**

*At this **Free** meeting Marilyn Solomon will explain what Oklahoma Proven means and share the names of proven perennials, annuals, shrubs, and trees that have flourished in Oklahoma over the last several years.*

**Location: Cleveland County Extension
Meeting Room C, Northwest corner of front
building, Parking Behind building due to
Construction**

601 East Robinson, Norman, Ok 73071



Presenter:
Marilyn Solomon
Master Gardener



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Cleveland County Extension Master Gardener Training Schedule 2022



CLEVELAND COUNTY
EXTENSION

August 5 <i>Week 1</i>	Basics of Botany	Dr. Rahmona Thompson, Professor of Botany and Vascular Plant Taxonomy, ret. Editor, Flora Oklahoma MG Class of 2017
August 12 <i>Week 2</i>	Soil Science	Dr. Hailin Zhang, OSU Regents Professor & Director of Soil, Water, and Forage Analytical Laboratory
August 19 <i>Week 3</i>	Entomology	Courtney DeKalb-Myers, Cleveland County Horticulture Educator
August 26 <i>Week 4</i>	Field Trip to Stillwater	Tour of Oklahoma Botanic Garden and Arboretum, Insect Adventure, and OSU Soils, Water, and Forage Analytical Laboratory
September 2 <i>Week 5</i>	Lawn and Turf	Dr. Dennis Martin, OSU Professor and Turfgrass Extension / Research Specialist
September 9 <i>Week 6</i>	Plant Pathology	Sara Wallace, Plant Pathologist at OSU Plant Disease and Insect Diagnostic Lab
September 16 <i>Week 7</i>	Herbaceous Ornamentals	David Hillock, OSU Extension Consumer Specialist & State Master Gardener Coordinator
September 23 <i>Week 8</i>	Vegetable Gardening	Courtney DeKalb-Myers, Cleveland County Horticulture Educator
September 30 <i>Week 9</i>	Pesticide Safety	Charles Luper, OSU Extension Associate, Pesticide Safety and Educator Program
	Plant Propagation	Courtney DeKalb-Myers, Cleveland County Horticulture Educator
October 14 <i>Week 10</i>	Planting & Care of Woody Ornamentals	Mariah Menzie, Certified Arborist, The Tree Wizard, Norman, OK, Class of 2017
October 21 <i>Week 11</i>	Fruit and Nut Production	Becky Carroll, OSU Extension Associate Specialist, Fruit Crops & Pecans
October 28 <i>Week 12</i>	Plant Detective	David Hillock, OSU Extension Consumer Specialist & State Master Gardener Coordinator
November 5 <i>Week 13</i>	Final Exam	Morning Only 9:30am – 11:30am

Schedule

9:30am – 10:00am	Quiz of previous week's material
10:00am – 12:00pm	Class (short break around 11:00am)
12:00pm – 1:00pm	Lunch
1:00pm – 3:00pm	Class (short break around 2:00pm)



Upcoming Events

Submitted by Elaine Dockray

September 10, 2 – 3 PM: Daylilies??? You Mean Those Yellow and Orange Thangs?!?! Will Rogers Exhibition Building, Oklahoma City. Event ID: 48090. Join the Daylily Society and learn more about these gorgeous and tough perennials. Michael Kowalchuk is going to lead this free class on these colorful beauties! Register at parks.okc.gov

September 10, 11 AM: Raising Butterflies. Commonwealth Urban Farms, 3310 N. Olie, OKC. There is magic in the Monarch chrysalis! Were you one of the lucky children whose teacher kept one in the classroom? Not only is it a beautiful experience, raising butterflies is helpful! Fewer than 10 percent of monarch eggs and larvae will survive to become adult butterflies, largely due to predation of the larvae. Raising them in an indoor habitat boosts survival to rates well over 90 percent. A panel of experts will show participants how and where to look for butterfly eggs and larvae and how to support them as they go through their amazing transformation. The first 10 educators get in free and there will be door prizes and giveaways. Instructors: Holly Hunter is a retired IT professional who now spends her time gardening for wildlife. She runs a Monarch Way Station for her local library in Warr Acres, and she works with Okies for Monarchs and the Master Gardeners to install pollinator gardens in public spaces. Jennifer Klein Plato provides habitat for Monarchs and Black Swallowtails at her home garden, Waystation. Last year alone, Jennifer raised and released over 150 monarch butterflies. Stephanie Jordan is owner and Bee Herder at Slightly Buzzed Honey & Bee Products. A "Master Mom," she releases over 100 Monarch butterflies each season. She works with Commonwealth Urban Gardens to select, raise, and market many varieties of milkweed.

September 24, 10 – 11 AM: Fall Mushroom Foraging. Will Rogers Exhibition Building, Oklahoma City. Event ID: 44496. Please join us as we discuss a variety of edible mushrooms and other fungi you can find in the wild during Autumn/Fall. We will have fresh mushrooms on-site to learn what to look for when out in the wild. We will also talk about their look-alikes and some delicious recipes. We will have foraging brochures and field guides available for viewing after class. Free. Register at parks.okc.gov

September 24, 9 AM – 2 PM: GardenFest at the OSU Botanic Garden. Stillwater, OK. Join The Botanic Garden for this year's GardenFest. Fun for the entire family! Activities: Tour the Garden, Children's Activities, Mum and Pumpkin Sale, Food Trucks and Vendors. Vendors will include art, herbs, fossils, jewelry, vegetables, t-shirts and more.

October 6, 8 AM – 4:30 PM: 2022 Oklahoma Compost Conference. Will Rogers Gardens, 3400 NW 36th St., OKC. Come learn about agricultural composting, backyard composting, and compost and sustainability in small businesses! About this event: The Oklahoma Compost Conference first started in 2015 as a way to discuss how compost can benefit local communities, businesses, and the environment. We believe in raising awareness for the many uses of compost, and that by helping spread stories of successful projects, we can help Oklahoma. Now on our eighth year, the 2022 OK Compost Conference is being hosted by the Oklahoma Compost and Sustainability Association (OCASA) and will feature talks and demonstrations ranging from agricultural composting to backyard composting, to composting and sustainability in cities and businesses. Attendees include local governments and municipalities; construction, landscaping, and solid waste companies; consulting firms; students; and backyard gardeners.

October 8, 10 AM – 4 PM: Vegfest OKC. Myriad Gardens Great Lawn. The third annual VegFestOKC celebrates healthy living and eating by way of plant-based lifestyles! VegFest is a festival that was started by the Vegan Society, which is a national organization based in the United States. It is hosted in multiple states all across the U.S. and in other countries. This festival serves as a time to celebrate and promote plant-based foods, animal rights, and environmental sustainability. Their mission is to educate and inspire those around us to live healthier and happier lives.

October 15, 8 – 10 AM: Arboretum Bird ID Walk. Will Rogers Garden, OKC. Event ID: 48281. Let's go for a walk through the arboretum and gardens to see all the birds that call it home...or, are just passing through! Bring your own binoculars if you have them! Led by the OKC Audubon Society. Free. Register at parks.okc.gov



More
photos
from the
garden by
Rahmona
Thomp-
son

MASTER GARDENER ASSOCIATION

Oklahoma State University, U.S. Department of Agriculture, State and Local Governments Cooperating. The Oklahoma Cooperative Extension Service offers its programs to all eligible persons regardless of age, race, color, religion, sex, sexual orientation, genetic information, gender identity, national origin, disability, marital or veteran status, or any other legally protected status. OCES provides equal opportunities in programs and employment.

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Horticulture

Submit suggested articles for the newsletter not later than the **25th of each month** to Editor Judy Kautz at jkautz@cox.net

Newsletter Editor: Judy Kautz



OSU EXTENSION CLEVELAND COUNTY MASTER GARDENERS

For More Information Check out the updated Horticulture and Master Gardener sections on the Cleveland County Extension Office website. The address is www.oces.okstate.edu/cleveland.