The Blooming Bell

MASTER GARDENER TEXAS A&M AGRILIFE EXTENSION Bell County

FEBRUARY 2020

INSIDE THIS EDITION	
Calendar	2
President's Corner	3
What's Been Happening	4-19
Community Outreach	20
Links of Interest	22
Intern Orientation	23
Herb Study	25
What's Growin'	26
What's Coming Up!	27
Announcements	28
Upcoming Events	30



Link to "Showy Primrose" aka "Buttercup" (shown above) https://aggie-horticulture.tamu.edu/ wildseed/37/37.1.html

Flowers of the Month Violet and Primrose



For more information about violets (Viola Odorata shown above) in Central Texas from William C. Welch, Professor and Texas AgriLife Extension Service Landscape Horticulturist, follow this link https://aggie-horticulture.tamu.edu/southerngarden/violet.html



FYI...Pansies are one member of the genus Viola, in turn part of the Violet family. Link to history of the Pansy https://aggie-

February 2020

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Bell County Youth Fair, Expo (BCYF)
2 BCYF, Expo	3 BCYF, Expo	4 BCYF, Expo	5 BCYF, Expo	6 BCYF, Expo	7 BCYF, Expo	8 BCYF, Expo
Gound Hog Day Superbowl LIV			*Work Day-8 am Burger Wednesday! Herb Study:	****		
			Quince			
9	10	11	12 BCMGA General Membership Meeting Lincoln's Birthday	13	Valentine's Day	15 Gardening in Bell County Grafting Pecans, Grapes & Fruit Mother Earth News Fair, Expo
16 Mother Earth News Fair, Expo	17 Washington's Birthday Presidents Day	18	19 *Work Day-8 am <u>Field Trip</u> Tem- ple College Gar- dens	20	21	22 Home & Garden Show, Expo
23 Home & Garden Show, Expo	24	25 Deadline for Blooming Bell Submissions	26 *Work Day-8 am Board of Directors Meeting 9-10:30	27	28	
		In the event of	rain, there will	be no Workday		

Upcoming events

- Gardening Series: Grafting pecans, grapes, fruit Feb 15
 MG Learning Ctr, 9-11 AM
- ♦ Bell County Youth Fair—Feb 1-8, Bell County Expo
- ♦ Mother Earth News Fair—Feb 15-16
- ♦ Home & Garden Show—Feb 22-23

Mark your calendar

- ♦ Herbal Forum, Mar 20-21, Round Top
- Herb & Vegetable Plant Sale, Mar 21, Belton, MG Learning Center grounds, 8 am
- ♦ Spring Plant Sale, Apr 11, Belton Expo
- TMGA State Conference, May 12-14, Waco



Remember to record volunteer service hours and education hours each month. You may include travel time to meetings and work projects as service hours.



President's Corner

Glenn Melton



Last month we welcomed eighteen new Master Gardener interns and they are off to a good start. Many of our newest members have already worked at various events, including the Crops Conference and Professional Grounds Conference last month. I would like to thank all those who worked at these events and helped make them such a great success.

Not only did our volunteers earn service hours but several educational hours were available as well. Speaking of educational hours, our Community Outreach class on January 16th had a total of 91 attendees. I believe this is an all-time high record for attendance. February's Outreach class will be on the 15th and Gary Slanga will present a class on Grafting Pecans, Grapes, and Fruit. This is the first time we have scheduled a class for a weekend so please pass the word along to everyone about this highly anticipated class.

Other opportunities for educational hours are at the Mother Earth News Fair on February 15-16, and several service hours may be earned at the annual Home and Garden Show on February 22-23. These events are all held at the Expo Center, and if you have not yet signed up to attend or volunteer, you should do so soon.

Lastly, I would like to once again ask everyone to take every opportunity to fully welcome and encourage our new class members to attend all our events, meetings, and gatherings. We must ensure our newest members feel at home and that they are fully integrated into their new surroundings.

Hope to see you all at the next monthly General Membership meeting on February 12th.

Glenn

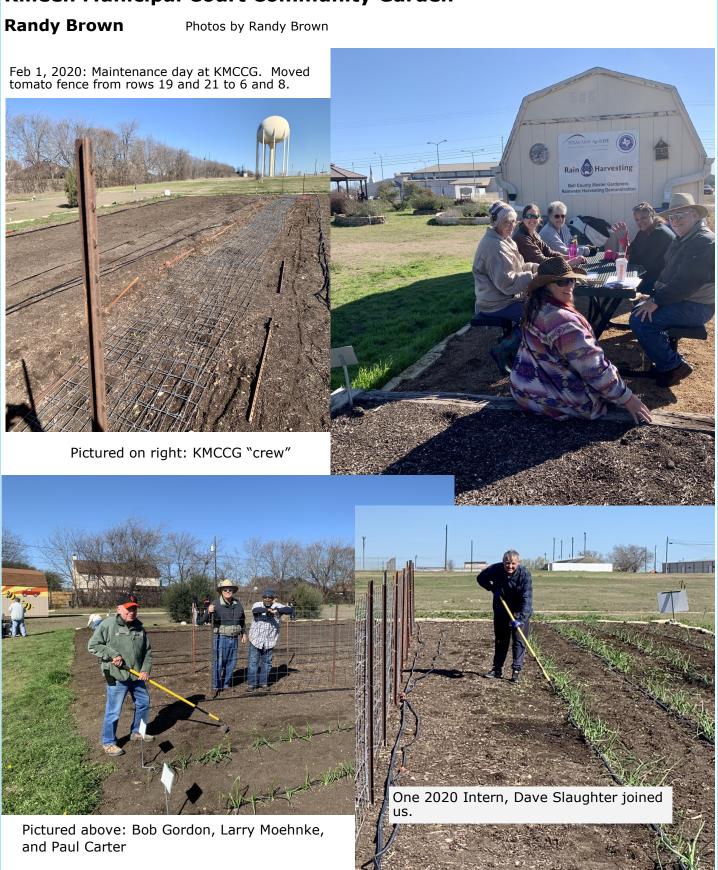
As noted by Glenn above, there are eighteen interns in the 2020 Master Gardener class.

Sattar Alcasey	Marissa Decker	Jason Johnson	Rebekah Lack- ey	Crystal Mears	David Slaughter
Kristine Alexander	Victoria Ezagui	Ron Jones	Penny McCormack	Charlotte Nunnery	Ruth Watkins
Jamie Allen	Susan Fogelman	Bill Kean	Jack McSpedon	Walter Schneider	Gary Williams

They are quickly becoming a part of our BCMG family, as you will see scattered throughout the newsletter.

More to come about this wonderful group in the next issue of the Blooming Bell.

Killeen Municipal Court Community Garden



Killeen Municipal Court Community Garden... Jan 24, 2020

Randy Brown Photo by Randy Brown

Harvested fifty pounds of produce for Friends in Crisis. Continued preparations for Spring plantings.

Pictured in forefront are Gail Pierce and Sandra Blankenship, Larry Moehnke on hoe and David Carpenter on knees weeding.





Whistle Stop Park Clean-Up, January 29 Virginia Bargas

40 degree weather did not stop this group of Master Gardeners and Interns from gathering at 7 AM to pick up litter at the park. Afterwards several of the team had breakfast together, which is the traditional after clean-up activity. This Temple city park was adopted by BCMGs 8-9 years ago.

Kathy Patterson, who leads this project, has requested additional help for the next clean-up to rake leaves and to complete some much needed painting. The date, which will be in March, has not yet been set.

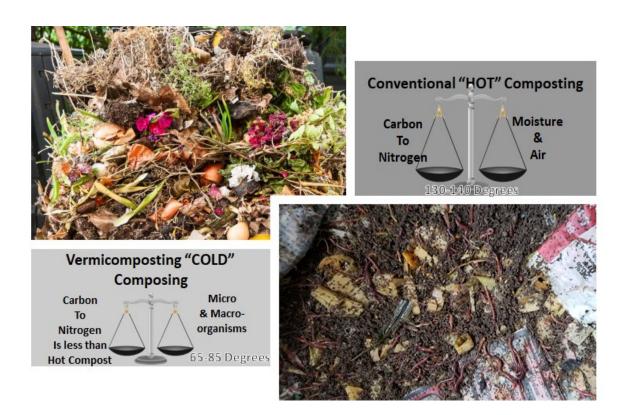




Vermicomposting - Slides presented at January General Membership Meeting by Teri Marceau and Rebecca Caldwell

Why Vermicompost

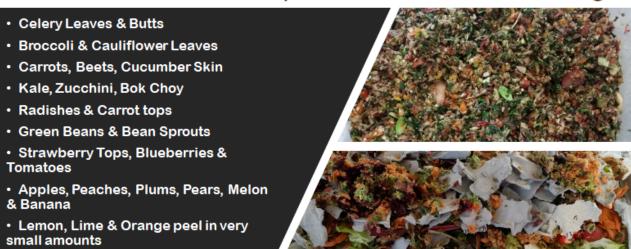
- 20% by weight of all Landfills are made up of our Food Waste.
- ➤ Food Waste produces methane gas when decomposing which traps heat in the atmosphere.
- Methane gas is about 20 times more potent than Carbon Dioxide in terms of its warming potential.
- Composting with Worms recycle organic wastes like food scraps, newsprint and cardboard.
- Vermicomposting provides many beneficial microorganisms and nutrients to the soil, including beneficial bacteria, fungi, and protozoa, nitrogen, phosphorus, potassium, calcium, and magnesium.
- Does not need to be turned like a conventional "hot" composting methods.
- Vermicomposting is ideal for small spaces.

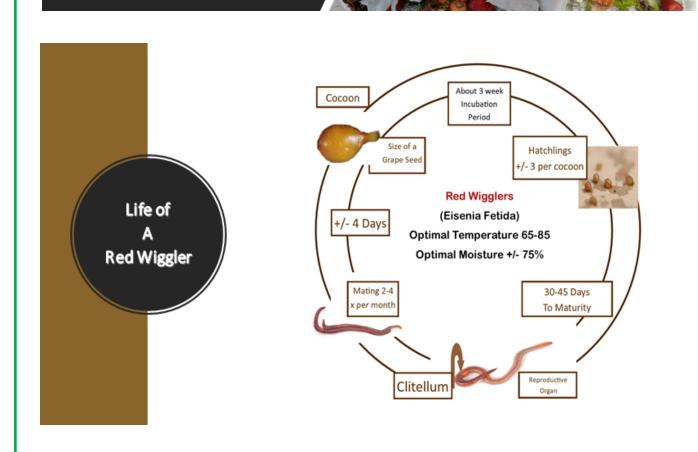


Vermicomposting - Slides (cont'd)
Teri Marceau and Rebecca Caldwell

The Pulp from Juicing

Worms eat 2 lbs chopped Kitchen scraps a week & will eat newsprint/cardboard bedding





Photos from Crops Conference, January 21
Glenn Melton



Professional Grounds Conference, January 23
Glenn Melton





Phi Theta Kappa Temple College Community Garden by Marjorie Gillmeister

Cauliflower Harvest was a miraculous experience watching the students proudly harvest the prize winning brassica crop all grown on a 12' x 4' no dig-garden row consisting of mushroom compost and native wood mulch. The harvest was plenty and ready just after 90 days from the time of transplanting on September 27th in time for New Year's Eve. It totaled 60lbs., 0.76oz of cauliflower and leaves to share at the on campus Leonard food pantry. An abundance can be grown in a small amount of space to fulfill a growing need for those students who lack the ability to afford fresh food while studying to acquire their college degrees.















Phi Theta Kappa Temple College Community Garden Marjorie Gillmeister

The students of the PTK honors society prepping beds for their spring pollinator flower garden, all hand sown with seeds. Seeds included are native milkweeds to preserve the monarch population and many other flowers to support the pollinator habitat. Students learned about the process of vernalization and how to plant seeds according to depth, height, and proper spacing for flowers to thrive.



Phi Theta Kappa Temple College Community Garden Marjorie Gillmeister

January 2020 is off to an amazing start continually fulfilling the need to feed our home insecure students at Temple College. We have harvested 23 lbs., 0.20 oz. of a variety of fresh produce consisting of escarole, kale, lettuces, mustard greens, brussels sprouts, herbs, and broccoli florets in just three harvests. The garden continues to give bounty and we are looking forward to the expansion, including fruit trees to create an edible food forest. We installed four $12' \times 4'$ beds for the spring crops using native wood mulch and Wayne Schirner will give a lesson on how to build a proper pea trellis.



Phi Theta Kappa Temple College Community Garden Marjorie Gillmeister

We are a family serving our community whole heartedly at Temple College. It's been quite the journey since we installed the No-Dig Garden in the summer on June 28th. First initial planting of the garden was September 27th and we received an abundant harvest only two weeks later, fulfilling our hopes and dreams to feed fresh food to the home insecure students on campus.

At four months of growth in a small space of 200 square feet containing 7 beds of various shapes and sizes "we have reaped what we sowed". An abundance of 98 lbs., 0.68 oz of "naturally grown" greens "without" the use of weed killers, pesticides or herbicides as requested by the Phi Theta Kappa Honors Society. The No-Dig Gardening method has proven to be a productive way of growing for us, no weeds present, minimal watering, preserving and enriching the soil with beneficial microorganisms and an abundant harvest weekly. We look forward to sharing more with you as the seasons change.



Temple College January 31

Marjorie Gillmeister

Teri Marceau gave an amazing presentation sharing her expertise on vermicomposting "cold composting" with worms. Students built their own composting bin for the garden. The students and staff give a "worm" thanks to Teri for sharing and donating materials for the school's Phi Theta Kappa Community Garden.



Phi Theta Kappa Temple College Community Garden Marjorie Gillmeister

Special thank you to Wayne Schirner for teaching the students at The PHi Theta Kappa Community Garden how to build a cost effective pea trellis and donating the materials for the school's garden. We look forward to the spring season ahead of us! All the wonders and lessons

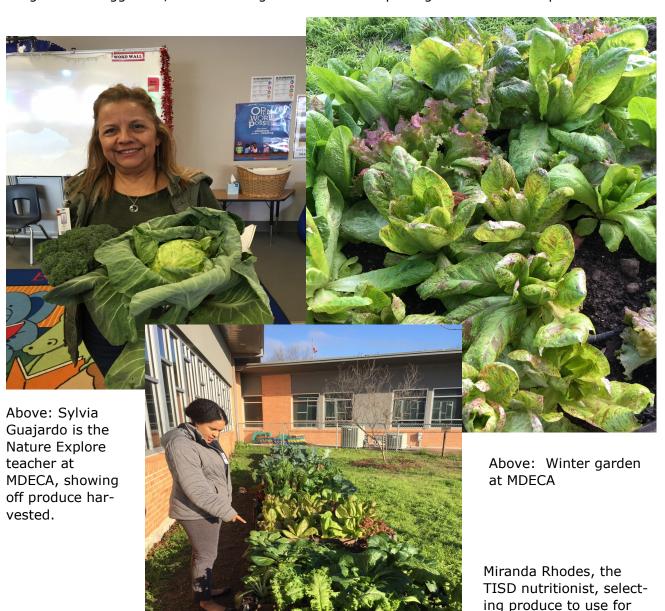


Youth Program kicks off the new year at Meridith-Dunbar Early Childhood Academy (MDECA)

Janice Smith, Youth Director

Janice Smith and Marjorie Gillmeister met with the school counselor, the Nature Explore teacher, and the TISD nutritionist to make plans for this spring. The winter garden is bursting with fresh produce, and plans were made to incorporate some of the produce into the school lunches. The children will help with harvesting, cleaning, and food preparation, as well as get to enjoy tasting some new recipes.

Seed starting activities will begin with sessions on Jan. 27th and 28th, where students will participate in planting seeds in eggshells, while learning the basics about plant growth and development.



18

school lunches.

Pics from our seed starting in egg shell classes at Meridith-Dunbar this week. Janice Smith, Youth Director



...and salad served in the school cafeteria from greens from the kids garden.

Community Outreach...

Hummingbirds, presented by Master Gardener Juan Anaya, was the topic of the January 16 Gardening in Bell County evening class. The program was well received with many in attendance. See pics below.



Community Outreach...

Hummingbirds Juan Anaya

It might not feel like it right now, but the time for the hummingbirds is closer than you think. In fact the last three years my first sightings were on March 19th.

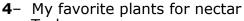
I don't claim to be a hummingbird expert, I can only share what I have observed in my yard the past sixteen years.

Here are a few tips for more Hummers.

- **1** Keep feeders clean and mixture fresh. Feeders with red on them work best. No food coloring! Mix 1 part sugar / 4 parts water
- **2** Hummers like clean fresh water for bathing.
- **3** Put out fruit scraps to draw small insects. The hummingbirds need protein.







- Turks cap
- Flame acanthus
- Black and blue salvia







Links of Interest...

Links to interesting reading submitted by Crystal Fisher.

"How dirt makes you happy"

Soil Microbes And Human Health - Learn About The Natural Antidepressant In Soil

"Why gardening makes you happy and cures depression"

https://permaculture.com.au/why-gardening-makes-you-happy-and-cures-depression/

Follow this link to "tomato tips".

https://bonnieplants.com/product/early-girl-tomato



Follow the link to Bluebonnet facts you may not know.

It is the only **perennial** species in the state and grows to about two feet tall. It normally blooms in mid to late spring and is also known as the dune **bluebonnet**, the plains **bluebonnet** and the Nebraska Lupine.

https://aggie-horticulture.tamu.edu/archives/parsons/flowers/bluebonnet/bluebonnetstory.html

We are still in need of a Master Gardener to lead the Seed Saver group.

A few words from Crystal, past leader: "This is an excellent job that doesn't need a lot of supervision. Just some guidance and steering of the volunteers eager to help. This is not difficult by any means, especially if you have learned the value of growing plants from your own seeds."

A PERSONAL NOTE ON THE IMPACT OF FREE SEEDS/PLANTS

This is to share my first experiences with free plants and seeds. In my youth, my father worked the Loan Dept of a large bank in downtown Houston. His responsibility was the repossessions. We'd be driving across town when he would divert us long enough to make a stop. As he walked up to those front doors to get those keys, he had already made a number of observations regarding their yards. Upon coming out with keys in hand, he encouraged those previous owners to come to the back of his truck where he'd pull potted plants, a few bulbs or rhizomes to give them as he'd point to the best place they could be planted. He never took anything that he didn't already have something planned to give back in return. As the years progressed and he was no longer in that job, you could stop him at any time and there would be seeds in his pockets to give away. It was that giving spirit that I grew up observing which has continued to stay with me today. Our opportunities are endless where we can impact people in just a moment."

Crystal Fisher

Class of '06

Intern Orientation....



The Journey of a Late Bloomer Victoria Ezagui Photo by Sylvia Maedgen

This year I'll be turning sixty-nine and instead of sitting passively in a rocking chair enjoying my retirement years, I'm boldly stepping out into unchartered waters. I've had house plants from time to time but never actually gardened. I think the idea of being responsible for growing and caring for plants that grow outside was a little daunting. But about twenty years ago, I took a shovel to a small plot of dirt in my backyard and started my first vegetable garden.

I had no idea what I was doing but somehow managed to have a decent and productive garden. My green thumb started to throb, I was hooked!

Fast forward to January 8th, 2020. I'm walking into a building with a stomach full of butterflies and some apprehension wondering if this was such a wise decision after all. Once inside the doors, the staff and mentors were both attentive and helpful. Forms were filled out, pictures taken and we were welcomed into our classroom. It was comforting to have our mentors sit by us at our tables. These are knowledgeable Master Gardeners who are ready and willing to help, whatever the need. Among the eighteen students there is such a diversity of backgrounds, interests, and dreams. Besides those who are still in the workforce, we have retired military, nurses, and teachers; we even have a rocket scientist!

I guess it's appropriate that our first field of study is on soil. It's as if each one of us is standing on topsoil (ground level). As we dig deeper into the material, our "roots" will go down and out as we receive nutrients (knowledge and experience) from volunteering and class time. I know that at the end of our growing season, the Class of 2020 will have bloomed into a beautiful and unique "garden" of Master Gardeners.



Intern Orientation....



Herb Study

Kathleen Lester



The Herb Study group is branching out to explore some unusual fruits. Last month we studied persimmons and on February 5 we studied quince, pictured here.

Quince fruit looks much like a knobby pear. The only member of genus Cydonis, quince is a member of the Rosaceae family, which contains apples and pears. It was first cultivated in the Middle East where recipes often call for stewing quince with pork, lamb or goat. Roman culture carried this fruit further westward and, in England and France, quince was made into jams and fruit paste. England's first marmalade was actually made with quince rather than oranges.

Quince has a long history of culinary use. It is speculated that quince was Eve's apple and is referenced in Song of Solomon. The inclusion of quince in everyday diet has significantly declined and it is thought this is secondary to the development of apples and pears. The latter fruits are easily eaten in the raw form, whereas quince is highly astringent and not generally edible raw.

Quince tress grow from 16 to 26 feet and are generally drought tolerant, although they have a shallow root system. Colonists brought them to America but their susceptibility to fireblight resulted in entire orchards being wiped out in a single season. Most quince are imported from Asia or South America and are available in autumn to early winter.

Quince is a significant source of dietary fiber, has high concentrations of vitamin C and contains calcium, potassium, magnesium, copper and iron. High levels of antioxidants, including phenolic and phytonutrient compounds, are effective in neutralizing or eliminating free radicals.

Quince is best cooked and may be included in both savory and sweet dishes. The high pectin content makes them ideal for jams and jellies.

Future Herb Studies Kim Pringle

Betty Nejtek has selected the following Mexican herbs for the March 4 meeting:

Epazote - Chenopodium Ambrosioides

Hoja Santa - Piper auritum

Mexican Mint Marigold - Tagetes Lucinda

Mexican Oregano - Poliomintha longiflora

Kathy Lovelace made a suggestion for one of our meetings to tour our gardens for ideas and inspiration. (Our organization has done garden tours for the public in past years but has not recently.) We could probably tour 4 or 5 gardens one morning depending on location. If you would like to coordinate this program, or share your garden with the Herb Study group, please text or call Kim Pringle 254-421-2593.

Herb study classes are held in the TX AgriLife Extension Office Classroom. Come join us!

What's Growin'?







Gary's tomato plant pictured above produced the good looking crop below.

Harvested January 16.



Got something growing that you would like to share? Send your pics for addition to the next Blooming Bell!

What's Coming Up!

Kids Zone at the Home and Garden Show

Janice Smith, Youth Director

Master Gardener, Laura Bridges, will be leading activities during the Home and Garden Show on February 22 and 23. Kids will have the opportunity to make "sprout people", a fun project with microgreens. More volunteers are still needed, so if you are interested, please contact Laura or Janice Smith, or sign up in VMS on the Youth Calendar.

Thank You for Volunteering!

Field Trip!

Jan George

We will be taking trips to several of our projects this year since the new class and many of our members have not seen them.

Our first field trip of the year will be to the Temple College Gardens on Wednesday, February 19. This is a project started last year by Marjorie Gillmeister and it has really been a benefit to the college students. Being a farmer, she jumped at this opportunity but took it one step further and decided to do a "No Till"garden. This is not a new technique but it is a different one. Marjorie will be on hand to give us the directions on building this type of garden and its benefits. I believe some of the students and faculty will be joining us as well.

We have also been invited to bring a sack lunch and blanket and have a picnic at the garden, weather permitting. Come see what an amazing project this has been.

We will meet at the Extension office at 10:00 and leave at 10:15. For those who want to meet us there, the address is 2600 So. First St.. Park in the south parking lot. MG Interns, do not fear, you will be back in time for class!

Please sign up on VMS so we don't go off and leave anyone behind.

Plant Swap

Carol Morisset is organizing our plant swap which will take place on April 8 from 8:15 to 9:15 am at the BCMG Learning Center before the General Membership Meeting.

Carol will need help and would appreciate volunteers!



25th Annual Herbal Forum at Festival Hill - Round Top

Registration for the 25th Annual Herbal Forum to be held March 20th and 21st in Round Top began on January 20. The Herbal Forum Registration fee is \$80 for Saturday sessions and \$94.92 per person for Friday overnight accommodations. Optional workshops on Friday are an additional \$40 each. The plant sale is open to everyone.

There are 15 confirmed reservations for overnight stay. There are 3 beds available.

If you are interested or have questions about the Herbal Forum, please <a href="mailto:emailto



Gardening in Bell County Grafting Pecan Trees, Grapes, and Fruit Trees

Carol Morisset

Gary Slanga, one of our most experienced Master Gardeners, will give a special class on how to graft pecan trees, grapes, and fruit trees on **Saturday, Feburary 15th, from 9am to 11am** at the Master Gardener Learning Center located at 1605 North Main St. in Belton [located on Agriculture Extension campus].

Gary is past president of the Bell County Master Gardeners and currently on the state committee. He has advanced training in many Master Gardener specialties. This is a class that has not been offered in the past and participants will leave with the knowledge of how to graft to increase plant yields, strengthen stock plants, etc. There will be take home grafts for attendees.

Please preregister so that we can plan for ample supplies at <u>bellspeakers76513@gmail.com</u> or if you are a Master Gardener, you may register on the Volunteer Management System.

The class is free of charge but the BCMGA will accept a \$5 donation to help offset costs.

BCMGA Membership Dues

Sherry Oermann

A reminder that yearly dues of \$25 to BCMGA were due on January 31.

For those who have not done so, please mail the check to the Extension office, stop by and pay Scarlot, or pay Gail Christian or Sherry Oermann at the General Membership Meeting on Wednesday, February 12. Thank you!

Announcements...

February General Meeting

When: February 12, 2020

Where: Harris Community Center

401 Alexander St, Belton

You may park either south or east of the building and enter from either direction. Please use the eastern entry to help maintain a comfortable temperature inside.

Time: Social starts at 9:30 am

Business meeting at 10:00 Program starts at 11:00 am

Program Topic & Presenter:

Monarch Butterflies... The Magic Journey

Our speaker is Dr. Craig Wilson from TAMU.



Board of Director's Meeting

The February Board of Director's Meeting will be held on Wednesday, February 26 at 9 a.m. in the class/meeting room of the AgriLife Building. Please submit your agenda items to Sylvia Maedgen, Recording Secretary, by Friday, February 21.

Grounds Workdays

Karen Colwick

The workday schedule for February:

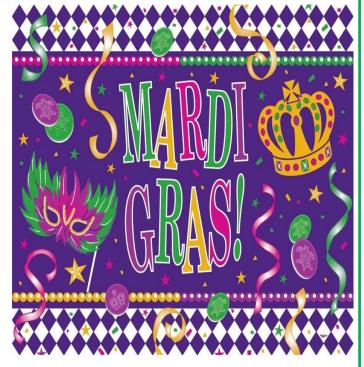
February 5, 2020 8:00 a.m.

February 19, 2020 8:00 a.m.

February 26, 2020 8:00 a.m.



In the event of rain, there will be no Workday.



Refreshment Committee General Membership Meeting

February's refreshment coordinator, Jane Van Praag, is guiding us with Mardi Gras as our theme. Carla Harmon, Kathleen Brown, Candy Morgan, Jan George, Sylvia Maedgen, Virginia Bargas, and Debbi Harris.

Susan Terry, Kathy Lester, Gail Christian, Gail Koontz, and Christy Reese have volunteered for March. Two additional members are needed to complete the team.

Members of the Herb Class are taking charge of refreshments for the April Meeting.

To volunteer for March, and any future meetings, please add your name to the calendar in VMS. You may also contact Virginia Bargas by phone at (512) 961-2680, or by email at bargasv@hot.rr.com.

Upcoming Events

Advanced Training

Feb 19-21	Vegetables	Dallas
Apr 17-19	Plant Propagation	Fort Worth
May 5-7	Vegetables	San Antonio
May 26-28	Texas Superstar	San Antonio
Sep 24-26	Rainwater Harvesting	Fort Worth
Oct 15-17	Greenhouse Manage- ment	Fort Worth
Ongoing	Earth-Kind On-Line Mas- ter Gardener Training modules	https://aggie - Horticul- ture.tamu.edu/ earthkind/ training/

Extension Events

Jan. 31-

Feb. 8 Bell County Youth Fair Bell Co. Expo Center

Belton



There are no upcoming Bell County Extension events at this time.

Stay tuned!





Registration is open for the Texas Master Gardener State Conference hosted by the McLennan County Master Gardener Association in Waco.

https://txmg.org/conference/



Directors				
Communications	Teri Marceau	2020-2021		
Facilities	Paul Carter & Karen Colwick	2019-2020		
Membership	Sherry Oermann	2020-2021		
KMCG	Edie Campbell	2019-2020		
Outreach	Christy Reese & Carol Morisset	2019-2020		
New Class	Gary Slanga	2019-2020		
Projects	Barbara Ishikawa & Stacye Parry	2019-2020		
Youth	Janice Smith	2020-2021		

	Executive Board	
President	Glenn Melton	2019-2020
1 st Vice President	Jan Upchurch	2020-2021
2 nd Vice President	Bill Walker	2019-2020
Recording Secretary	Sylvia Maedgen	2020
Treasurer	Barbara Ishikawa	2020-2021

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Stacye Parry Jan George Crystal Fisher
Janice Smith Mariorie Gillmeister

Janice Smith Marjorie Gillmeister Virginia Bargas Teri Marceau

Editor: Virginia Bargas

Please submit articles of less than 500 words for the Blooming Bell as Word documents. Photos should be sent separately in a folder through a link using OneDrive, Dropbox, Google Photos, or in a zipped file. Photos must be in the JPEG format. Also, do not text your photos. (If texting is preferred, please let me know.) Email your documents and pictures to Virginia at bargasv@hot.rr.com.

Please do not send PDF documents.

BCMGA Webmaster

Rachel Glass - glass.rachel@gmail.com

Please send your updates for the BCMG web site to Rachel.

CHECK OUT BCMGA FACEBOOK PAGE! GO TO

https://www.facebook.com/BCMGA

Texas Master Gardener web site:

https://txmg.org

Bell County Master Gardener web site:

https://txmg.org/bell/

Texas Master Gardener Voluntary Management System

https://texas.volunteersystem.org/ UniversalLogin.cfm?logout=1



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A publication of the Bell County Master Gardener Association sponsored by Texas AgriLife Extension of Texas A & M University