

January to June 2022- Volume 5, Number 1

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LORNA BRAVO



## A Note From the Broward County's Urban Horticulture Extension Agent..

Dear "Broward Green Bites" Readers,

I am very excited to share with you our Summer Broward Green Bites newsletter. Our new issue is sharing impact stories, new 2022 projects, educational information, and collaborative initiatives for original programming. The University of Florida's Institute of Food and Agricultural Sciences (UF/IFAS) is a federal, state, and county partnership dedicated to developing knowledge in agriculture, human and natural resources, the life sciences and to making that knowledge accessible to sustain and enhance the quality of human life. Enjoy our summer newsletter!

Warm Regards,



Amy Rielly

Interested to visit our Florida-Friendly Landscape Garden?  
Email us at: [lbravo1@ufl.edu](mailto:lbravo1@ufl.edu)

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### STAY CONNECTED-VISIT OUR SOCIAL MEDIA:



Visit our new Instagram Page:

➤ [@urbanhortbroward](https://www.instagram.com/urbanhortbroward)



Visit our new Twitter Page:

➤ <https://twitter.com/HortUrban>



Visit our new Facebook Page:

➤ [@facebook.com/urbanhortbroward](https://www.facebook.com/urbanhortbroward)

## Upcoming Events

UF/IFAS EXTENSION, BROWARD COUNTY IN COLLABORATION WITH  
FORT LAUDERDALE RESEARCH AND EDUCATION CENTER

### JOIN US FOR THE 2022 MASTER GARDENER VOLUNTEER LECTURE SERIES

A monthly lecture series covering various horticultural and environmental topics as they relate to South Florida

**FIRST TUESDAY OF THE MONTH, VIA ZOOM  
6:30PM - 7:30PM**

#### Calendar of Events

FEB 1	DR. SCHIAVON - TURF GRASS- DORMANCY ISSUES
MAR 1	DR. CHOUVENC - TERMITE SWARMING SEASON
APR 5	DR. MCMILLAN- PALMS - GENERAL OVERVIEW
MAY 3	DR. GETTYS - INVASIVES
JUN 7	DR. MOORE-FERTILIZER BLACKOUTS/WATER QUALITY- FFL
JUL	NONE - BREAK
AUG 2	DR. LAUGHINGHOUSE-ALGAL BLOOMS/NITROGEN IN WATERWAYS
SEP 6	DR. DHILLON-PALM PATHOLOGY AND DISEASES
OCT 4	DR. QIU- FOOD SYSTEMS
NOV 1	DR. KERN - POISONOUS CREATURES

**FOR MORE INFORMATION  
PLEASE VISIT OUR WEBSITE**

[HTTP://SFYL.IFAS.UFL.EDU/BROWARD/URBAN-HORTICULTURE](http://sfyl.ifas.ufl.edu/broward/urban-horticulture)

## 2023 Master Gardener Volunteer Scholarship Program

Applications are available for the 2023 UF/IFAS Extension Broward County Master Gardener Volunteer (MGV) training scheduled to begin in February 2023. For the third year in a row, the program will be conducted hybrid with two classes a week for 16 weeks. For the first time, a scholarship program has been designed for interested participants who might not otherwise be able to financially pay the complete cost of the training fee.

Interested? Contact: [anthony.gross@ufl.edu](mailto:anthony.gross@ufl.edu)

# 2022 Master Gardener Volunteer Scholarship Program



## MASTER GARDENER VOLUNTEER SCHOLARSHIP Class of 2022

UF/IFAS Extension, Broward County Master Gardener Volunteer Program launches the first Master Gardener Volunteer Scholarship to join the class of 2022.

For more information please contact:

Lorna Bravo | lbravo1@ufl.edu  
Anthony Gross | Anthony.gross@ufl.edu  
Samuel Chillaron | Samuel.chillaron@ufl.edu

Interested in learning more about the Master Gardener Volunteer Program or our new Scholarship Opportunity?

Please visit us on the web:  
<http://styl.ifas.ufl.edu/broward/urban-horticulture/broward-master-gardener/>

SCAN ME!



### THANK YOU TO OUR UF/IFAS EXTENSION BROWARD COUNTY MASTER GARDENER VOLUNTEER SCHOLARSHIPS PONSORS

- MASTER GARDENER VOLUNTEER MARSHA EISENBERG TOMATO PROJECT
- MASTER GARDENER VOLUNTEER RICH ACKERMAN/ BROWARD COUNTY NATIVE ORCHID PROJECT

**UF** | IFAS Extension  
UNIVERSITY of FLORIDA



SUSTAINABLE URBAN  
FOOD PRODUCTION

ALL PROCEEDS SUPPORT 2022 MG  
SCHOLARSHIP PROGRAM

YOU CAN APPLY



• [MGV-Scholarship-Application.pdf \(ufl.edu\)](#)



## MASTER GARDENER VOLUNTEER TRAINEE'S CLASS REFLECTIONS

*"I am beyond grateful for the hands-on training and knowledge that I have received from the Master Gardener's Program. Moreover, I wanted to know more about cultivating a healthier lifestyle because I understand all too well the healing powers of our environment. I suffered from a stroke, a heart attack, and ultimately under quadribile bypass. I knew that my lifestyle and eating habits could elevate to a whole different level for the better. Overall, I wanted to learn more about growing my own food as I work towards becoming healthier and helping others understand the urgency of living a healthier lifestyle. The program exceeded my expectation and ultimately opened up a new world to me, which I love. Lastly, I am beyond grateful for the experience that I have received."*

-Hyvelle-MGV Class 2022

*"I feel this MGV course is providing me with incredible/ irreplaceable knowledge and foresight into not only FL 's native (and invasive) plants but also the vulnerability of our water system. The course would benefit anyone living in FL. For me personally, the information I am walking away with will ensure the success of my school's Food Forest and ignite a passion within my students for conservation, sustainability and worms! This is a 5-star course from beginning to end."*

-Jennifer MGV Class 2022

*"This class was dynamite because it was fun and well-organized with exceptional staff! We learned about a variety of topics that helped set a strong foundation and I was able to experience working with plants I hadn't before such as orchids and lettuce. I love how the program incorporated hands-on activities such as how to trim a tree properly and field trips like the water plant (truly eye opening). I appreciate the bag of resources and books we received for this class too. My favorite memory is getting excited to see how big my African Blue Basil grew each week. "*

—Luz MGV Class 2022



Luz



Jennifer



Hyvelle

## Florida-Friendly Landscaping™ PROGRAM



Emmy® award-winning director Chad Crawford has teamed up with the Florida Department of Environmental Protection to show how homeowners can create a landscape that is more in tune with Florida's natural environment using drought-tolerant plants and water-saving techniques.



UF/IFAS Extension  
Broward County Florida-Friendly Landscaping Water Ambassadors supporting Flip My Florida Yard project.

**Watch Season 2** to learn about Broward County homeowner new landscape reveal!



Broward County property located in Coral Springs was recognized as a Silver Florida-Friendly landscape yard

## FLIP MY FLORIDA YARD

**WANT YOUR YARD FLIPPED!**  
PLEASE CLICK [HERE](https://www.flipmyfloridayard.com/want-your-yard-flipped.html). (DEADLINE IS 7/10/2022)



GET THE APP

Do you have the app?

Use your phone's camera to download our mobile app for Apple and Android



Applications are being taken now.

<https://www.flipmyfloridayard.com/want-your-yard-flipped.html>

## RESTORING NATIVE ORCHIDS THROUGHOUT BROWARD COUNTY

Were you aware that Florida is home to at least 106 native orchid species? Unfortunately, 58 are listed as endangered by the Atlas of Florida Plants, and another 18 species are threatened. What is the Good news? The good news is that you can be part of the solution by learning about our native orchids.

### 2021 Success Stories

20 MASTER GARDENER VOLUNTEER TRAINEES INTRODUCED  
60 NATIVE ORCHIDS INTO THEIR BROWARD COUNTY YARDS



Jennifer Sings, GI-BMP & FFLCP  
Florida-Friendly  
Landscaping  
Certified Professional



Gerritt Striker, GI-BMP & FFLCP  
Florida-Friendly  
Landscaping  
Certified Professional

FLORIDA-FRIENDLY WATER AMBASSADOR TEAM

## INTRODUCING BROWARD COUNTY NATIVE ORCHID PROJECT TO MGVC CLASS 2021



MGV RICH ACKERMAN- PRESIDENT  
FORT LAUDERDALE ORCHID SOCIETY

**Florida-Friendly**  
Landscaping™ PROGRAM

## RESTORING NATIVE ORCHIDS THROUGHOUT BROWARD COUNTY

### 2022 Success Stories

23 MASTER GARDENER VOLUNTEER TRAINEES INTRODUCED  
69 NATIVE ORCHIDS INTO THEIR BROWARD COUNTY YARDS



### INTRODUCING BROWARD COUNTY NATIVE ORCHID PROJECT TO MGVC CLASS 2022

The **Florida butterfly orchid** (*Encyclia tampensis*) is one of the showiest native orchids. Its flowers are small and colored yellow, copper, green, orange, or bronze. A cluster of these blooms looks like a flutter of tiny, colorful butterflies.

**Did you know?** there is also an 'alba' form with white and green flowers throughout the state. They bloom between May and July.

UF/IFAS Extension Broward County has joined forces with the Fort Lauderdale Orchid Society to address the issue. As part of their training, Broward's Master Gardener Volunteers learned to establish native orchids in home landscapes. **They've installed orchids in 43 Broward County landscapes** as of 2021 and plan to continue.

**Florida-Friendly**  
**Landscaping™ PROGRAM**



MGV RICH ACKERMAN- DISTRIBUTING  
NATIVE ORCHIDS TO MGVC CLASS 2022



## Success Stories

OUR BROWARD COUNTY NATIVE ORCHID PROJECT WAS FEATURED DURING NATIONAL VOLUNTEER MONTH AT THE STATE FLORIDA MASTER GARDENER PROGRAM



### INTRODUCING BROWARD COUNTY NATIVE ORCHIDS

[Florida's Native Orchids - University of Florida, Institute of Food and Agricultural Sciences \(ufl.edu\)](https://ufl.edu)

## GROW FOOD IN SMALL SPACES THE GROW BAG PROJECT



### Success Stories

23 MASTER GARDENER VOLUNTEER TRAINEES GROWING AFRICAN BLUE BASIL FROM CUTTINGS. TRANSPLANTING THEM INTO A 3-GALLON GROW BAG SYSTEM. MODELING GROWING FOOD IN SMALL SPACES.



- ☐ INTRODUCING SUSTAINABLE URBAN GARDENING
- ☐ GROWING FOOD IN SMALL SPACES-MGV CLASS 2022
- ☐ MEASURING PLANT GROWTH- 5 WEEK PILOT PROJECT



SUSTAINABLE URBAN  
FOOD PRODUCTION

#### ASEXUAL PLANT PROPAGATION PROJECT



Report prepared by Lorna Bravo

#### GROWING FOOD MGK KIT



MEASURING PLANT GROWTH



# Success Stories

23 MASTER GARDENER VOLUNTEER TRAINEES GROW UF-LETTUCE LINES FROM SEED. TRANSPLANTING THEM INTO A 3-GALLON GROW BAG SYSTEM. MODELING GROWING FOOD IN SMALL SPACES.



## INTRODUCING SUSTAINABLE URBAN GARDENING



## 23 MGVC TRAINEES GROW UF-IFAS LETTUCE LINES -GROWING FOOD IN SMALL SPACES



"I was so excited when one of my seeds finally took off. It was a wonderful learning experience to watch it grow and develop. One of the best activities in our class! Now I am enjoying the lettuce, it tastes delicious. So sorry to see class come to end but looking forward to volunteering!"

-Liz MGVC Class 2022

# Florida-Friendly Landscape Plant of The Month



Provide for  
Wildlife

Carolina Wild Petunia  
*Ruellia caroliniensis*

## Attract the Malachite Beauty

The Malachite, *Siproeta stelenes*, is named for that striking mineral containing copper carbonate, prized for its rich green color. A medium-sized butterfly with a wingspan to 4 inches, having dark brown, green spots and splashes when wings open; with translucent whitish-green to yellowish-green patches with wings closed; some undersides showing orange-brown or gold with greenish scales. The wings tails are short vs the longer wing-tails of swallowtail butterflies. The sexes are similar although females are slightly larger. It's a common long-lived butterfly in deciduous forests through Central to northern South America. Since the 1960s however, the butterfly has come to the tip of Florida, probably arriving from Cuba. The numbers seen have declined in recent years, although they've been found in Broward, Collier, Hendy, Lee, Manatee, Miami-Dade, Monroe, Palm Beach, Pinellas and Sarasota counties with strays all-the-way-to southern Texas.

The larvae or caterpillars are horned, spiny and black with red markings. Chrysalis or pupa stage color is green, with sharp gold spines that, look out, can puncture predators. Butterflies are found in forest margins to citrus groves and overgrown plantations feeding on diets of nectar, rotting fruit, bird droppings, dead animals and bat dung. With 3 broods a year it's a treat to see this beauty! The green eggs are laid singly by the females on host leaves or flowers of the Green Shrimp plant, also called Browne's Blechum, species *Ruellia blechum* L., native to Mexico, Venezuela, Bolivia and the Caribbean that's listed as category II, on the invasive Florida exotic species list. Interestingly, it uses another host plant, so you have another choice, a native wildflower, Carolina wild petunia, *Ruellia caroliniensis*, that's sporadically available. Request it at your native growers, plant it, invite the Malachites to visit!

-MGV Pat Rossi



FLORIDA  
MASTER  
GARDENER  
VOLUNTEER



UF/IFAS EXTENSION MASTER GARDENER VOLUNTEER PAT ROSSI



# Florida-Friendly Landscape Butterfly of The Month



## Florida-Friendly Landscape Principle # 5 Attract Wildlife

Plants in your landscape that provide food, water and shelter will attract Florida's diverse wildlife.



**WATCH OUR VIDEO:** <https://youtu.be/-A-Nof3s7gU>

### STAY CONNECTED-VISIT OUR SOCIAL MEDIA:



Visit our new Instagram Page:  
➤ [@urbanhortbroward](https://www.instagram.com/urbanhortbroward)



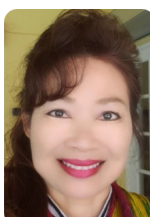
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**FLORIDA  
MASTER  
GARDENER  
VOLUNTEER**



UF/IFAS EXTENSION MASTER GARDENER VOLUNTEER AMY RIELLY



### READ OUR BLOG:

[Provide for Wildlife- The Malachite Butterfly - UF/IFAS Extension Broward County \(ufl.edu\)](https://www.ufl.edu/extension/broward-county/blog/provide-for-wildlife-the-malachite-butterfly)