

April to June 2019 - Volume 2, Number 1

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

Dear **"Broward Green Bites"** Readers,

Happy Spring!! I am very excited to share with you our new Spring *Broward Green Bites* newsletter. Our Spring newsletter is sharing some of our amazing 2019 Extension events, new projects, educational information and collaborative initiatives for new 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 Spring newsletter!

Lorna Bravo



Pictures provided by: Matthew Boone

Lorna Bravo, Urban Horticulture Agent II, CED LEED AP BD+C

Phone: 954-756-8529 | Fax: 954-357-5271

CHECK OUT THESE ONLINE RESOURCES:

UF/IFAS Extension Website: <http://sfyl.ifas.ufl.edu/broward/urban-horticulture-and-natural-resources/>
EDIS Publications: <http://edis.ifas.ufl.edu/>
Florida Master Gardener: <http://gardeningolutions.ifas.ufl.edu/mastergardener/>
Florida Master Naturalist: <http://www.masternaturalist.ifas.ufl.edu/>
Florida Friendly Landscapes: <http://fyn.ifas.ufl.edu/>
Gardening Solutions: <http://gardeningolutions.ifas.ufl.edu/>
Broward Master Gardener: <http://sfyl.ifas.ufl.edu/broward/urban-horticulture-and-natural-resources/broward-master-gardener/>

Upcoming Events



UF/IFAS EXTENSION

Master Gardener Volunteer Fair 2019

**May 11th 2019
12:00PM - 3:00PM**

THE EVENT WILL BE
HELD AT THE BROWARD
COUNTY EXTENSION
AUDITORIUM ON
3245 COLLEGE AVENUE
IN DAVIE, FLORIDA

For more information please contact
Lorna Bravo, lbravo1@ufl.edu or
Julio Perez, pjulio@ufl.edu or
Adam Pitcher, a.pitcher@ufl.edu

UF IFAS Extension
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Master Gardener Volunteer Fair 2019

On May 11, 2019 UF/IFAS Extension Broward County Master Gardener program held its first Master Gardener volunteer fair. We had ten different booths representing various volunteering opportunities within our Broward County community. Interested to join us for our next May 2020 Volunteer Fair?

Contact Lorna Bravo @ lbravo1@ufl.edu

UF/IFAS Broward County Extension 2019 Invasive Reptile & Crocodilian Series



University of Florida's "Croc Docs" are a team of biologists, ecological modelers, and outreach specialists on the forefront of wildlife research in south Florida and the Caribbean. They conduct long-term, applied research and monitoring focused on crocodilians, invasive reptiles, threatened and endangered species, climate change, and human dimensions. In collaboration with federal, state, local, and tribal agencies, they respond to pressing wildlife management needs and provide scientific support for Everglades restoration.



Dealing with
Iguanas in the
South Florida
Landscape?
February 28th, 2019



Dealing with Iguanas in the South Florida Landscape?

To read about South Florida's Iguana in the Landscape

- <https://edis.ifas.ufl.edu/pdf/IN/IN52800.pdf>
- <http://edis.ifas.ufl.edu/in528>



To read about Iguanas in the Landscape:

Visit UF/FAS EDIS Publications:

- <https://edis.ifas.ufl.edu/in528>



UF IFAS Extension
UNIVERSITY of FLORIDA

BROWARD
COUNTY
FLORIDA

February 28th, 2019 | 7:00PM | Auditorium

LARGE LIZARDS ON THE LOOSE

Special guest speaker:

Justin Dalaba, Science Writer/Outreach Coordinator
UF-IFAS FLREC, Croc Docs

Please join us as we dive deeper into Florida's unique
reptile problem and the ways we can help slow it down.

Register today at:

https://large_lizards_on_the_loose.eventbrite.com

For more information please contact Lorna Bravo at lbravo1@ufl.edu Julio Perez at pjulio@ufl.edu
An Equal Opportunity Institution and Employer

Broward County Master Gardeners in Action

HOW BUTTERFLIES CONNECT US



Presenter: Lorna Bravo— UF/IFAS Extension Broward County Director Agent II
UF-IFAS/Extension Broward County Education Section
Parks & Recreation Division

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BROWARD COUNTY
FLORIDA

Florida-Friendly
Landscaping™ PROGRAM



We are Thankful for the men and women who made the ultimate sacrifice and those that serve today!
Thank you for your service. A special butterfly release at Fort Lauderdale Naval Museum.
A butterfly release dedication to **Flight 19**. May 15, 2019



Master Gardener Amy Reilly provided butterfly demonstration for Flight 19 presentation.

UF/IFAS Extension Broward County Master Gardener Presentation May 15th, 2019

Broward County Master Gardener Class 2019



MASTER GARDENER CLASS 2019

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The Florida Master Gardener Volunteer Program is a volunteer-driven program that benefits UF/IFAS Extension and the citizens of Florida. The program relies on dedicated volunteers who have an interest in gardening and in giving back to their communities.

WANT TO JOIN MASTER GARDENER CLASS 2020?

Contact us at: lbravo1@ufl.edu

Visit our Website:

<http://sfyl.ifas.ufl.edu/broward/urban-horticulture-and-natural-resources/broward-master-gardener/>

Stay Connected @ Constant Contact: shorturl.at/tux39



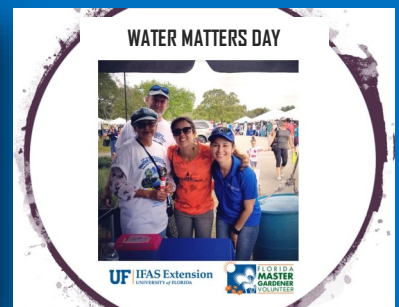
CITRUS CARE



TREE PLANTING



TREE CARE



WATER MATTERS DAY



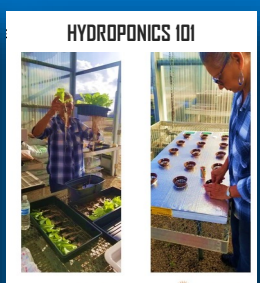
WATER SCIENCE FOR MASTER GARDENERS



UNDERSTAND TURF PEST PROBLEMS



TURFGRASS



HYDROPONICS 101

UF/IFAS Extension Broward County Master Gardener Class of 2019

UF/IFAS Extension Broward County Master Gardeners Volunteer Fair 2019

THANK YOU

On May 11, 2019 UF/IFAS Extension Broward County Master Gardener program held its first Master Gardener volunteer fair. We had ten different booths representing various volunteering opportunities within our Broward County community.

Interested to join us for our next May 2020 Volunteer Fair?

Contact Lorna Bravo @ lbravo1@ufl.edu



Broward County Master Gardeners Volunteer Fair-Community Impact

Newly graduated class of 2019 Gerritt Stryker, and Kereina Chang have not only been helping me in the KIND Garden on Wednesday Evenings, but also volunteered their time at a Native Nature Trail Planting at Dr. Von Mizell-Eula Johnson State Park this past Saturday. It was raining off and on, but they stayed on and assisted with 120 plants planted that day taking a record (according to the Park Ranger) around 3 hours. The Ranger, John Frosbutter, was very amazed. Especially, because the day was not an inviting day to be working and the mosquitoes were very active. There were also some volunteers from the USDA and a few other family members that helped. -Eileen Pokorny, USDA

UF/IFAS Extension Broward County Master Gardener Volunteer Fair May 11, 2019

Quiet Waters Park BioBlitz

BioBlitz 2019

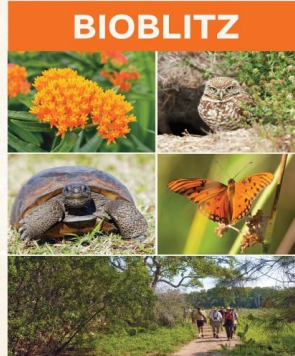
March 30, 2019

NATURAL RESOURCES-BIOBLITZ 2019



UF/IFAS
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BIOBLITZ



JOIN citizen **SCIENTISTS** in parks
to **LEARN** about **BIODIVERSITY**
Visit: tinyurl.com/BrowardBioBlitz

PROGRAM OBJECTIVES

Every year, 100 citizens will engage in citizen science for biodiversity, by enrolling in BioBlitzes in South Florida.

Every year, 25 UF/IFAS Extension Broward County Master Gardeners will be trained to conduct a BioBlitz.

Invasive Plant Removal Team

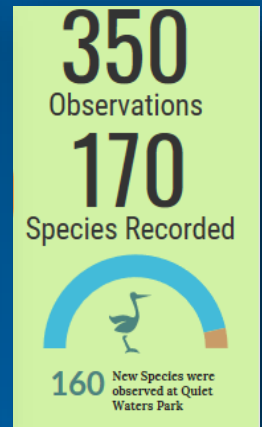


Our Invasive Plant removal task force (Broward County Master Gardener class 2019) working with Broward County's park Naturalists in Quiet Waters Park. Creeping-Oxeye is an invasive, low-growing weed problem in many parts of Florida. Introduced from tropical America, it has been used in the landscape as a groundcover. People like Creeping-Oxeye because of its beautiful flowers and its fast growth habit. Quick to form a thick groundcover, Creeping-Oxeye is a Category II invasive in Florida. It is also considered a serious weed in agricultural settings in other countries. Creeping-Oxeye typically invades agricultural areas, along trails, along streams, waste places, and disturbed sites. A dense thicket of vegetation forms which crowds out native and other plant species. This prevents regeneration and growth of desired species.



Master Gardener class 2019

Benefits of Conducting a BioBlitz

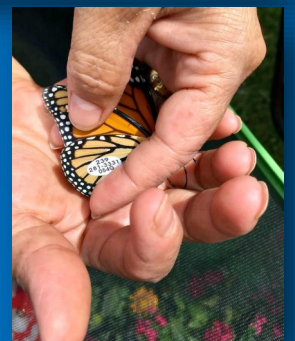
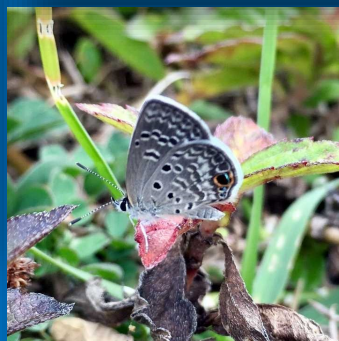


Pictures provided by: Matthew Boone

BioBlitzes offer people a chance to explore and map natural areas.



This citizen science event connects regular people with scientists to help collect information on the plants and animals in a given area.



Pictures provided by: Matthew Boone

Extension Events

BioBlitz 2018

March 30, 2019



Pictures provide by: Lorna Bravo

BioBlitzes Encourage Awareness of Nature.



BIOBLITZ BUTTERFLY BOOTH



Master Gardener Amy Rielly at Butterfly Demonstration booth.



BioBlitzes are a special chance for the public to engage in a scientific event to help preserve biodiversity and reconnect to flora and fauna in their natural habitats. During an exciting day people can enjoy their local parks and discover biodiversity in their backyards.

BIOBLITZ BUTTERFLY BOOTH

A bioblitz butterfly booth at our welcome tent run by Lorna Bravo, Amy Snider, and Amy Rielly. Their goal was to share examples of full butterfly life cycles to the public, share Florida native butterfly host plants, and educate the public on the importance of adding butterfly host plants and nectar plants in our Broward backyard with their unique message "If you plant them they will come".

Benefits of Conducting a BioBlitz

Program Objectives

Every year, 100 citizens will engage in citizen science for biodiversity, by enrolling in BioBlitzes in South Florida. Every year, 25 UF/IFAS Extension Florida Master Gardeners will be trained to conduct a BioBlitz

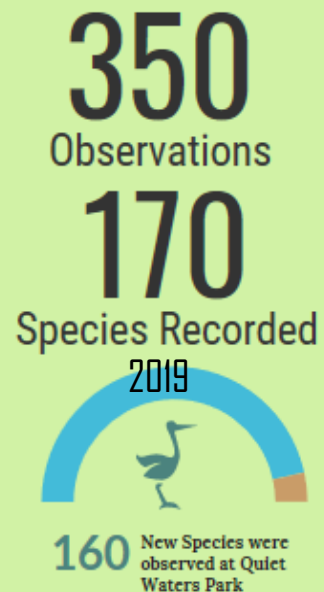
Methods

Groups of scientists, naturalists, Master Gardeners and volunteers will take citizen teams into parks to document species biodiversity using iNaturalist.

Tree Tops Park



Quiet Waters Park



Conclusions

The BioBlitz project is a collaboration between the UF/IFAS Fort Lauderdale Research and Education Center and UF/IFAS Extension Broward County to provides an opportunity for the public to participate in scientific discovery. The BioBlitz project connects Master Gardener volunteers with urban development impacts on natural habitats and biodiversity. Human activities reshape the assemblage of animals that call this area home. It is important to increase public awareness about the unique biodiversity of South Florida.

Interested to join us for our next BioBlitz in 2020 ?

Contact Lorna Bravo @ lbravo1@ufl.edu or Dr. Basille @ basille@ufl.edu

Florida-Friendly Landscape Plant of The Month

Frogfruit (*Phyla nodiflora*)



Photo: Lorna Bravo, UF/IFAS. All rights reserved



Family: Verbenaceae
Scientific name: *Phyla nodiflora*

Deep green oval leaves are opposite on the stems and toothed at the outer margins. Small drumheads stand above the foliage and tiny white to pinkish flowers are produced regularly in small numbers.

Florida-Friendly
Landscaping™ PROGRAM

Want to visit UF/IFAS Extension Broward County Education Florida-Friendly Landscaping Demonstration Gardens?
You can see examples of our Florida-Friendly Landscaping Plant of The Month. Contact our office.

If you're looking for a native groundcover, look no further than *Phyla nodiflora*! Common names include Frogfruit, Turkey Tangle, & Matchweed. Found throughout the Southeastern US, this plant is highly adaptive to a wide variety of conditions so long as it gets plenty of sunlight. Frogfruit loves water & will thrive in any wet area even if gets submerged occasionally, but once established it can actually be more drought resistant than many turfgrasses. Hardly any fertilizer or organic material is needed for it to establish, though it will certainly respond well if these are provided. Frogfruit is easily capable of forming a dense mat of foliage on its own, rapidly spreading to cover any area you plant it in. Though it may tend to grow a bit upright over time it can easily be mowed as you would a regular lawn, except you'll only need to mow about half as often, if that! Foot traffic isn't an issue either. The best thing about Frogfruit is how great it is for wildlife! Small clusters of white flowers appear year-round on dark purple "heads" & provide a bountiful buffet of nectar to pollinators. As if all that wasn't enough, Frogfruit is also the host plant for 3 different butterflies: the Phaon Crescent, the White Peacock, and the Common Buckeye. -**Adam Pitcher**



Us on Facebook – UF IFAS Extension Broward County @ufifasextbroward

Visit our UF/IFAS Extension Broward County Website at:
<http://sfyl.ifas.ufl.edu/broward/urban-horticulture-and-natural-resources/>
<http://blogs.ifas.ufl.edu/browardco/>

Do you want to receive our quarterly newsletters?
Stay Connected @ Constant Contact: shorturl.at/tux39

Do you have an idea, question, or comment
you would like to share?
Please reach out to us via the
following :
E-Mail: lbravo1@ufl.edu

Visit the UF/IFAS Extension Broward County
Office today at :
3245 College Ave
Davie, Florida 33314

