



Broward Green Bites

Fall October –December 2018, Volume II



BIOBLITZ IN BROWARD COUNTY: BRING OUT YOUR HIDDEN SCIENTIST!

Starting in the fall 2018, family-friendly biodiversity surveys called Bio Blitzes will be organized in various parks throughout Broward County. Below is information on how you can become a Citizen Scientist while learning about local biodiversity, rediscovering your local parks, and having fun outside!

UPCOMING Events

UF/IFAS UNIVERSITY OF FLORIDA Ft. Lauderdale Research and Education Center UF/IFAS Extension UNIVERSITY OF FLORIDA BROWARD COUNTY

THE FT. LAUDERDALE RESEARCH & EDUCATION CENTER AND UF/IFAS EXTENSION OF BROWARD COUNTY PRESENT...

BIOBLITZ



WHERE
TREE TOPS PARK
3900 S.W. 100TH AVENUE
DAVE, FLORIDA 33328

DATE
SATURDAY, NOVEMBER 3RD, 2018

TIME
7:30 A.M. TO 7:30 P.M.

WHAT
A BioBlitz is an intensive one-day study of biodiversity in a location, bringing scientists and volunteer citizen-scientists together. We'll look for birds, mammals, reptiles, butterflies, and insects.

Using your smartphone, you will take pictures of every living thing you see. We will then upload our findings onto iNaturalist (Optional), share our photos, and identify the species.

BRING
We suggest bringing water, snacks, hats/sunglasses and proper attire. Bring your binoculars and cameras, if you want to enjoy wildlife from closer, and bring nice pictures back home.

REQUIREMENTS
No experience necessary. Everyone is welcome.
Children under the age of 16 must be accompanied by an adult

REGISTER AT:
<https://2018-broward-county-bioblitz-rsvp.eventbrite.com>

FOR ADDITIONAL INFORMATION PLEASE CONTACT:
Julio Perez- Urban Horticulture Program Assistant, 954-357-5274 | jpulio@ufl.edu or
Lorna Bravo- C.E.D & Urban Horticulture Agent II, 954-357-8889 | lbravo1@ufl.edu or
Dr. Mathieu Basille- Asst. Professor, Landscape Ecology, 954-577-6314 | basille@ufl.edu

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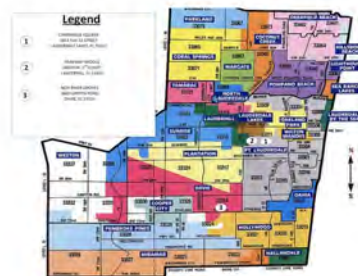

A Note From the Broward County's Urban Horticulture Extension Agent..



Dear "Broward Green Bites" Readers,

I am very excited to share with you our new Fall *Broward Green Bites* newsletter. In the past 5 months, I have met with many of you in person. It has been really great learning about all the amazing projects each and every one of you is working on as a Broward County Master Gardener. Our Fall newsletter is sharing some of our amazing 2018 summer Extension events, new projects and collaborative initiatives for new programming.

Our Urban Horticulture team is working on mapping all of our Broward County Volunteer Projects. If you have a specific project you want to share on our map, please send me an email with the project title and the address. In the past five months, I have met several of you and been so moved to hear all the amazing things you are doing in our community. We would love to share those stories with our community because your projects are making a difference!



Warm Regards,

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

Phone: 954-357-8889

Fax: 954-357-5271

Email: lbravo1@ufl.edu

lbravo@broward.org

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://gardeningsolutions.ifas.ufl.edu/mastergardener/>

Florida Master Naturalist: <http://www.masternaturalist.ifas.ufl.edu/>

Florida Friendly Landscapes: <http://fyn.ifas.ufl.edu/>

Gardening Solutions: <http://gardeningsolutions.ifas.ufl.edu/>

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

Broward County Master Gardeners in Action



Join us First Friday of every month!!!

We would like to thank our dedicated Master Gardeners for assisting us every month at UF/IFAS Extension and for help in maintain our Native demonstration Garden. Come and Join us!



We are very proud of our amazing Broward County Master Gardeners for attending the September 2018 Fort Lauderdale Quarterly Tree Giveaway. It was a successful event held in Holiday Park. They had 144 city resident registrants and were able to distribute 535 native trees! You can learn more about the City of Fort Lauderdale FREE tree give-away events at:
<https://gyr.fortlauderdale.gov/.../quarterly-tree-give-aways>

2018 Southeast Master Gardener Advanced Training Seminar



Broward County Master Gardeners attending the 2018 Southeast District Florida Master Gardener advanced Training in Martin County. Lorna Bravo presented "The Florida Monarch Project".

Extension Events

Water Trends

At Extension on September 19th, 2018

UF/IFAS Extension Broward County launched the first Water Conservation Awareness workshop.

Dr. Sifuentes presented a wonderful workshop on Trends in Water Availability for Southeast Florida. Stay connected, we will be coming back with a wonderful workshop for our Master Gardeners in the Spring 2019!!

Climate Change

At Extension on September 18th, 2018



Not all species are adjusting to this warming at the same rate, and as a result, some are falling out of step. We had a full house at UF/IFAS Extension in Broward County during NatureScape's meeting September

WATER CONSERVATION AWARENESS

TRENDS IN WATER AVAILABILITY FOR SOUTHEAST FLORIDA

GUEST SPEAKER:
DR. DOROTHY SIFUENTES
HYDROLOGIST
U.S. GEOLOGICAL SURVEY
CARIBBEAN DIVISION
WATER SCIENCE CENTER, DAVIE

LOCATION:
University of Florida
Fort Lauderdale Research and
Education Center (3330C)
3205 College Avenue
Davie, Florida 33314

DATE & TIME:
SEPTEMBER 19TH 2018
10:30 AM - 11:45 AM
NETWORKING
11:45 AM - 12:00 PM
PRESENTATION

FOR INFORMATION OR NAME RESERVATION:
K. E. S. & A. S. (KES@IFAS.UFL.EDU)
800-451-7800 / 904-357-5270

UF/IFAS Extension
BROWARD COUNTY

USGS
National Water Research Institute

TRENDS IN WATER AVAILABILITY FOR SOUTHEAST FLORIDA

UPCOMING Events

Sessions Change and a Complex Ballet
Unfolds Around the World...
Global Warming is Changing the Music.

**Is Climate Changing
More Rapidly Than
Species Can Adapt?**

Not all species are adjusting to this
warming at the same rate, as a result,
some are falling out of step. Join us as
we discuss how this might affect our

SAVE THE DATE: Tuesday, September 18, 2018 8:30 AM
NatureScape Meeting hosted by

UF/IFAS Extension
8:45 AM - Registration, Coffee & Light Refreshments
9:00 AM - Programming
UF/IFAS Extension Education, Auditorium
3245 College Avenue, Davie, Florida 33314

CLIMATE CHANGE



Upcoming Events



Up Coming: The Florida Master Naturalist Program's **Habitat Evaluation Course**, offered by the Broward County Extension Education, in partnership with Kristen Hoss of Tanawhá Presents. This course is designed to provide training in principles and commonly used techniques for evaluating wildlife habitat. Course dates are November 13-18, 2018. For more information please visit?: <http://conference.ifas.ufl.edu/fmnp/E18-07.html>

6th Annual TOMATO, VEGETABLE, & ORNAMENTAL PLANT SWAP

OVER 90 VARIETIES OF TOMATO PLANTS, SEVERAL PEPPERS (MILD & HOT), LETTUCE, BASIL, CUCUMBERS, ORNAMENTAL PRETTY FUCHSIA COLORED PINEAPPLES + MUCH MUCH MORE!

NO PLANTS TO SWAP?
NO PROBLEM!
BRING A DISH TO SHARE...THIS IS A POTLUCK!

FOOD, DRINKS, AND FUN DEMONSTRATIONS FOR EVERYONE.

DATE:
OCTOBER 20TH 2018

TIME:
1:00 TO 4:00

LOCATION:
UF/IFAS EXTENSION, BROWARD COUNTY
3245 COLLEGE AVENUE
DAVIE, FLORIDA 33314
954-357-5270

UF/IFAS Extension
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New Projects

Wildlife & Water Conservation

UF/IFAS BUTTERFLY GARDEN DEMONSTRATION PROJECT



The Butterfly & Water-wise Conservation Garden Project



Future Project Location



Master Gardeners Leading the project:

- Cindy Jenkins
- Pat Rossi
- Terri Bitler Ward
- Amy Rielly
- Martha Craine

The **Butterfly and Water-wise Conservation Garden Project** will upgrade our UF/IFAS Broward County Extension Landscape by adding several colorful pollinator host plants. The project will also include hardscape and art in the forms of a wall installation, at least one rain barrel and additional Native Plants and Butterfly Identification signs.

This sustainable garden model will conserve water and crucial wildlife habitat. The project is a powerful forum to present STEM concepts to Broward Schools and 4H. By creating and using this small oasis as a model, the people who come to our UF/IFAS Extension building will see the garden as a teaching demonstration space and be inspired!

New Projects



UF IFAS Extension
UNIVERSITY of FLORIDA



PLANT IT AND THEY WILL COME!!!

Environmental Sustainability starts in our own backyards. L. Bravo

UF IFAS Extension
UNIVERSITY of FLORIDA

FLORIDA MASTER GARDENER

Connecting Youth to Nature

CONNECTING YOUTH TO NATURE PROJECT

We are connecting youth to mentors as they connect to nature together.

Join us at UF/IFAS Extension Master Gardeners and 4-H as we partner together to build community gardens around Broward County.

Legend

1. Community Garden
2. Community Garden
3. Community Garden

Now recruiting volunteers
Email Lorna Bravo: lbravo1@ufl.edu

CONNECTING YOUTH TO NATURE PROJECT

Connecting youth to mentors as they connect to nature together

"We are excited to introduce the new Pollinator Garden space at New River Groves.

This will complement the calming space they have created for their student participants with sensory disorders such as autism. This Garden will provide a gentle way to stimulate the senses while providing a safe and comfortable way to explore nature without feeling overwhelmed. This is a wonderful opportunity to help kids interact with the environment, encourage discovery and participation in the outdoors, and promote a place for socialization, interaction, and learning. We look forward to sharing this garden with many students across Broward County and everyone that visits New River Groves." - Kellye Hoffman

New River Groves Butterfly Garden

Butterfly Release!

JOIN UF/IFAS BROWARD COUNTY 4-H AT BOB ROTH'S NEW RIVER GROVES TO LEARN ABOUT POLLINATORS AND RELEASE BUTTERFLIES INTO THE GARDEN

Saturday November 3rd 11:30am

FAMILY FRIENDLY EVENT!
5650 GUSTON RD.
DAVIS, FL

UF/IFAS Extension Broward County wants to thank Master Gardener Kellye Hoffman, Steve Wain and Bob Roth for their amazing contribution to this project. This garden has been their labor of love for over 2 years and we look forward to the new partnership.
-Lorna Bravo

UF/IFAS Extension Broward County wants to thank Master Gardener Kellye Hoffman, Steve Wain and Bob Roth for their contribution on the new butterfly garden. The butterfly garden is an addition to their Horticulture therapy program at New River Groves. We are looking for New Master Gardeners that want to volunteer on this project.

New Projects



UF IFAS Extension
UNIVERSITY of FLORIDA



CONNECTING YOUTH TO NATURE PROJECT



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CONNECTING YOUTH TO NATURE PROJECT



New Projects



UF IFAS Extension
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PARKWAY MIDDLE SCHOOL



L.Bravo



MASTER GARDENERS

- Master Gardener Requests
- Instruct how to plant plants correctly
- Share passion and interest in horticulture
- Instruct how to prune or maintain plants and deal with plant diseases
- Identify plants and its interactions or benefits
- Instruct how to propagate plants
- Help set up educational centers/stations in garden
- Assist students with final project and final booklets
- Assist with beneficial critters and pest control as well as weed control

Holistic Horticulture Growing Inside and Out Parkway Middle School STEAM Program.

Students will develop a better understanding of horticulture and STEAM (Science, Technology, Engineering, Awareness, Art, Math) practices by focusing on the aspects of growth, interconnectedness and transformation of plants within our environment, community and world.

Connecting Youth to Nature

Connecting Youth to Nature Project



"UF/IFAS Urban Horticulture Program and 4H partnership support for Parkway Middle School's Holistic Horticulture program has provided us with valuable tools to learn about pollinators while protecting the beautiful Monarch butterfly. Students engaged in STEAM (Science, Technology, Engineer, Arts and Math) skills as they did real world research testing their hypothesis outside in our revamped gardens. For example, some students measured population of pollinators, other students tested ways to retain water in raised beds and some even tested plant growth in different kinds of soil. Outdoor fun and real world learning together thanks to Parkway students, UF/IFAS and 4H!"

*Carolyn Sant Angelo
Holistic Horticulture NBCT
Parkway Middle School STEAM Program*

Now recruiting volunteers. Contact Lorna Bravo: lbravo1@ufl.edu

PARKWAY MIDDLE SCHOOL



CONNECTING YOUTH TO NATURE PROJECT

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Join us at UF/IFAS Extension Master Gardeners and 4-H as we partner together to build community gardens around Broward County.



+ SUSTAINABILITY

Now recruiting volunteers
Email Lorna Bravo: lbravo1@ufl.edu



New Projects

Plant Propagation Project

Vegetable Garden Project



Demonstration Gardens

The Urban Horticulture program is continuing to work with the FLREC (Ft. Lauderdale Research & Education Center) to create a demonstration vegetable garden as well as a plant propagation area in the green house.

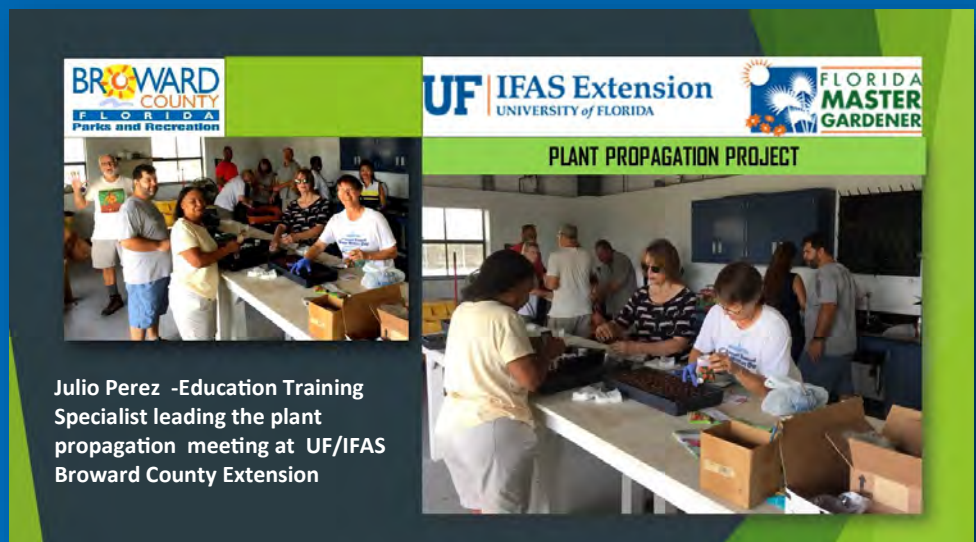


Propagation Group

The Urban Horticulture program is working with Master Gardeners in propagating vegetables, herbs, and ornamentals.

Plants grown will be utilized for the following projects:

- Master Gardener Vegetable and Herb Demo Garden,
- Extension supported gardens
- Potential plant sales





Congratulations to all our active Broward County Master Gardener Volunteers who served 10 and 15 years:

10 Years Master Gardeners:

- Linda Marshal
- Michael Bender
- Ann Poe
- Mariana Yin
- Terri Bitler Ward
- Eileen Pokorny

15 Years Master Gardener

- Mona Johnston

Congratulations

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 us on the web at:

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

<http://blogs.ifas.ufl.edu/browardco/>

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

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Single copies of UF/IFAS Extension publications (excluding 4-H and Youth publications) are available free to Florida residents from county UF/IFAS offices.

