



**UF**

# **BioBlitz Program in Broward County**

**TREE TOPS PARK, NOVEMBER 3, 2018**

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**WHY ARE YOU HERE?**



## WHY ARE YOU HERE?

# First BioBlitz in Broward County at Tree Tops Park

UF IFAS  
UNIVERSITY of FLORIDAFt.Lauderdale Research and  
Education CenterUF IFAS Extension  
UNIVERSITY of FLORIDATHE FT. LAUDERDALE RESEARCH & EDUCATION CENTER AND  
UF/IFAS EXTENSION OF BROWARD COUNTY PRESENT...

# BIOBLITZ

**WHERE**

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

**DATE**

SATURDAY, NOVEMBER 3RD, 2018

**TIME**

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

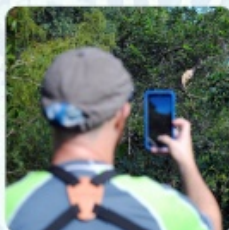
**WHAT**

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





# WHAT IS A BIOBLITZ?



## WHAT IS A BIOBLITZ?

# A BioBlitz is a citizen-science Biodiversity survey

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- **Biodiversity survey**
- **Citizen-science**
- **Intensive survey**



## WHAT IS A BIOBLITZ?

## Biodiversity survey

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- **Aim:** record as many species as possible
  - **Field survey:** observations on the ground
  - **Specific areas:** natural parks, urban areas, terrestrial and marine ecosystems...
- Ability to records thousands of species, and discover new ones!



## WHAT IS A BIOBLITZ?

## Citizen science

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- **Open to public participation**
- Scientists, students, experts, volunteers...
- Record of >9,000 people in 2014 NPS/NGS BioBlitz

→ Many volunteers = many pairs of eyes!





## WHAT IS A BIOBLITZ?

## Intensive survey

- **Snapshot of biodiversity**
- Usually over 24 hours
- Schedule accommodated to specific cases

→ Biodiversity around the clock





**HOW CAN BIOBLITZ  
MAKE A DIFFERENCE?**

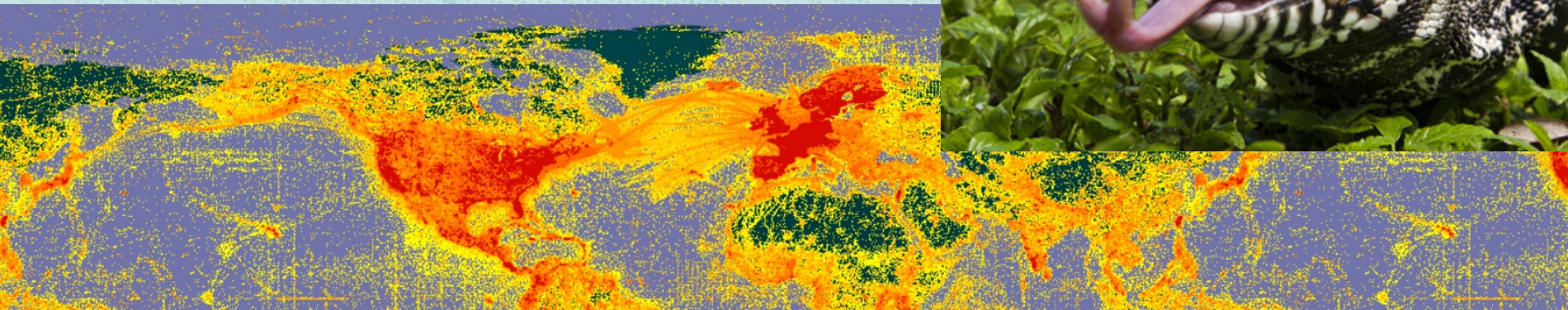


## HOW CAN BIOBLITZ MAKE A DIFFERENCE?

## Contribution to science

- **Ongoing biodiversity monitoring:** extensive inventory, possibly repeated over time
- **Biodiversity atlases:** GBIF, EddMaps
- **Rare and invasive species:** Threatened and Endangered species, monitoring invasions

→ Local and global contribution





## HOW CAN BIOBLITZ MAKE A DIFFERENCE?

### Citizen science

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- **Local people:** local knowledge, local schools, particular interests
- **Exploring and mapping:** fun and easy outdoor activity
- **Nature awareness:** engage the public in scientific event





# BIOBLITZ IN BROWARD COUNTY



## BIOBLITZ IN BROWARD COUNTY

## BioBlitz brought to Broward County

Long-term collaboration between:

- **UF/IFAS Extension Education Broward County**
- **UF/IFAS Fort Lauderdale Research and Education Center**
- Broward County Parks and Recreation
- ... other state and city parks.





# TREE TOPS PARK BIOBLITZ



## TREE TOPS PARK BIOBLITZ

## In a nutshell

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- **November 3, 2018**
- From 7:30AM until 7:30PM
- Focus groups of 2 hours each
- Birds, reptiles, insects, butterflies...





## TREE TOPS PARK BIOBLITZ

## Team requirements



- **Predetermined routes**
- Teams of 2 guides + 20 volunteers
- All you need is your enthusiasm!

→ *But bring good shoes, your hat  
and your binoculars!*

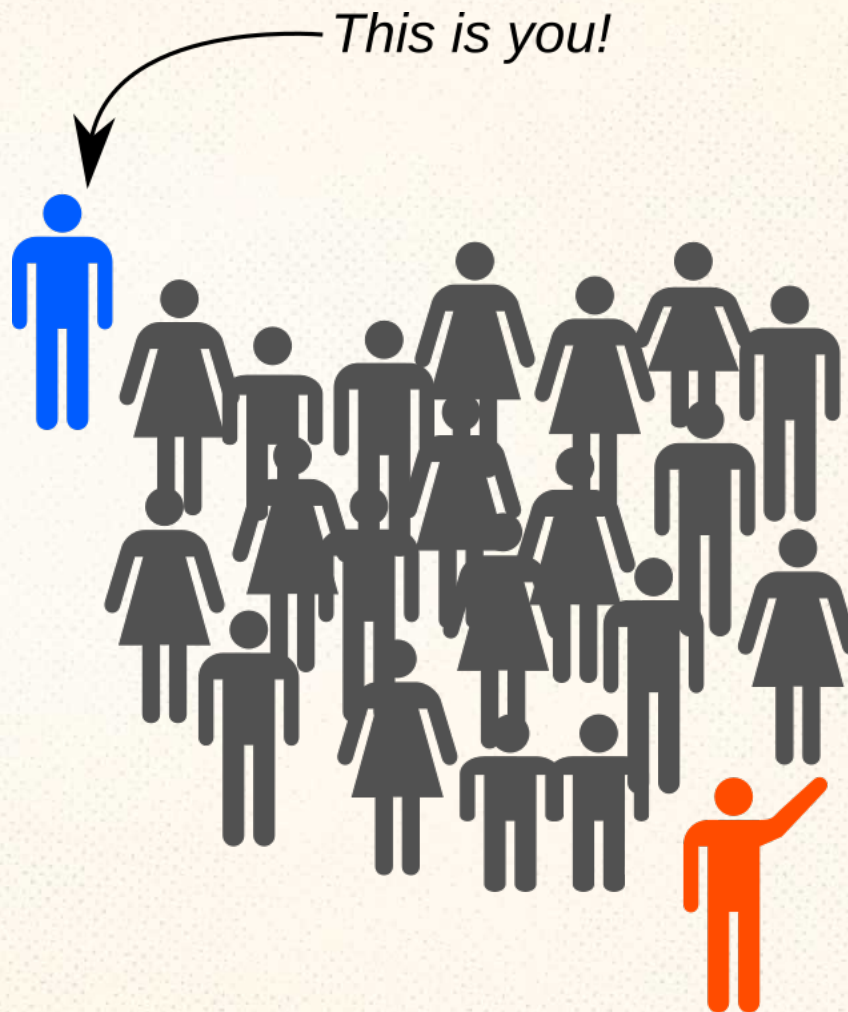


## TREE TOPS PARK BIOBLITZ

## Team composition

Each team is composed of:

- **1 expert**
- 1 (or more) guide(s)
- 20 volunteers  
(all ages, including children)



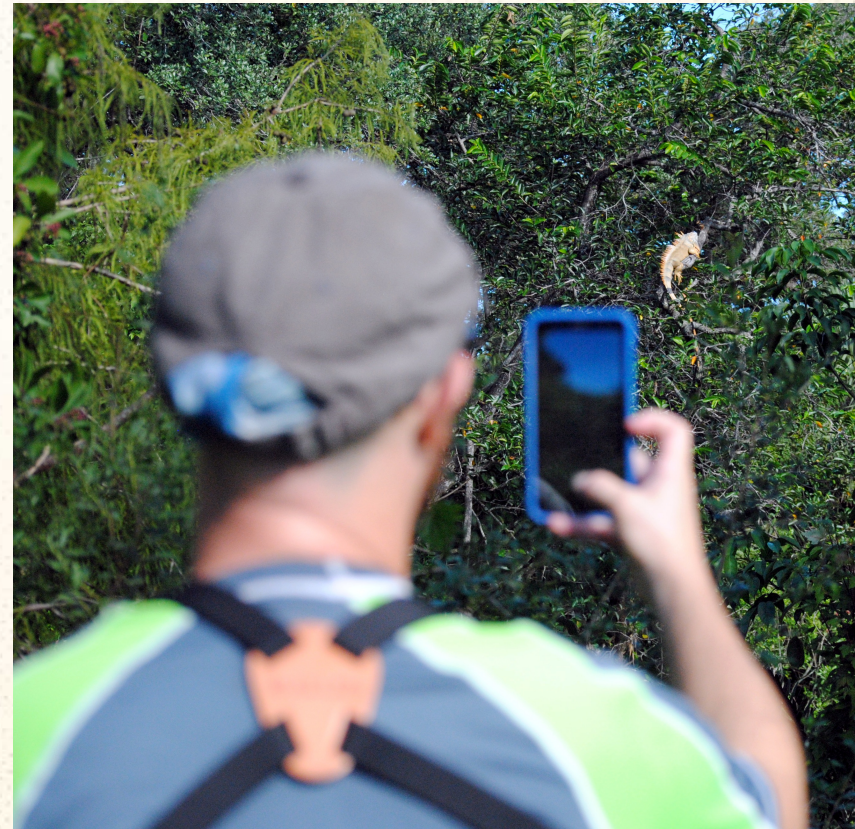


## TREE TOPS PARK BIOBLITZ

## Focus groups

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- 7:30AM-9:30AM Focus on **birds**
- 8:30AM-10:30AM Focus on **reptiles**
- 10:30AM-12:30PM **Mapping**
- 2PM-4PM Focus on **butterflies**
- 4PM-6PM Focus on **insects**
- 5:30PM-7:30PM Focus on **birds**
- 5:30PM-7:30PM Focus on **reptiles**





## What do we need?

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- **1 (or more) guide(s) per focus group**
- **2 volunteers for the welcome booth**  
(open all day; can rotate)
- **Spread the word!**



## USING iNATURALIST



## The iNaturalist phone app

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***Matt's presentation...***