BioBlitz Program in Broward County
TREE TOPS PARK, NOVEMBER 3, 2018

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WHY ARE YOU HERE?
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First BioBlitz in Broward County at Tree Tops Park

WHERE
TREE TOPS PARK
3900 S.W. 100TH AVENUE
DAVIE, FLORIDA 33326

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?
A BioBlitz is a citizen-science Biodiversity survey

- Biodiversity survey
- Citizen-science
- Intensive survey
WHAT IS A BIOBLITZ?

Biodiversity survey

• **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 record thousands of species, and discover new ones!
WHAT IS A BIOBLITZ?

Citizen science

- 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?
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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

- **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 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
In a nutshell

• November 3, 2018
• From 7:30AM until 7:30PM
• Focus groups of 2 hours each
• Birds, reptiles, insects, butterflies...
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!
Team composition

Each team is composed of:

• 1 expert
• 1 (or more) guide(s)
• 20 volunteers
  (all ages, including children)
Focus groups

• 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?

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

The iNaturalist phone app

Matt’s presentation...