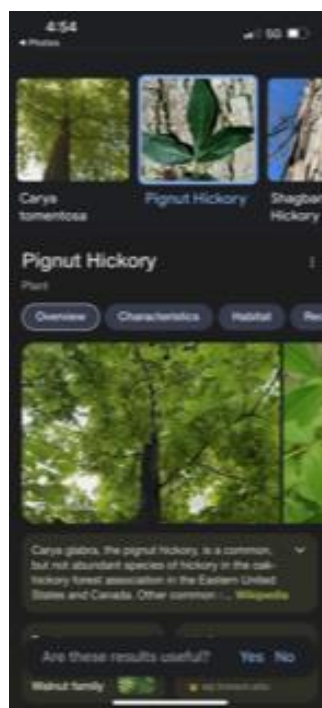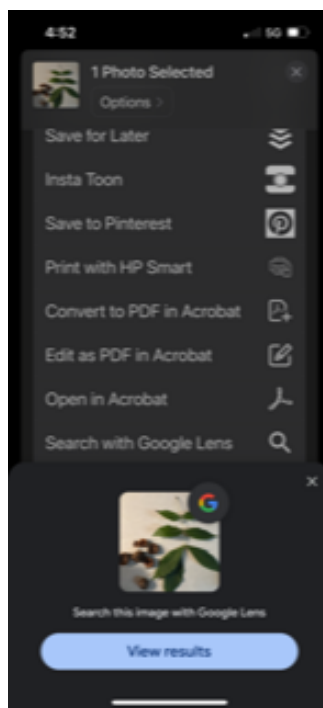# Atlantic Beach Mature Tree Inventory Contest
an AB New Year's Canopy Protection Resolution
January 19 – February 29, 2024
Ages 5 – 100+

THANK YOU for helping your city better understand how many mature trees we have in our canopy. Complete **any** of the following steps and fill out the form on the webpage listed below to be considered for an AB New Year's Canopy Protection Resolution prize. Recognition (non-monetary) prizes will be given to the person who submits the largest tree submitted, to the person who submits the most mature trees, and to the person who motivates the most family, friends and neighbors to participate in contest.
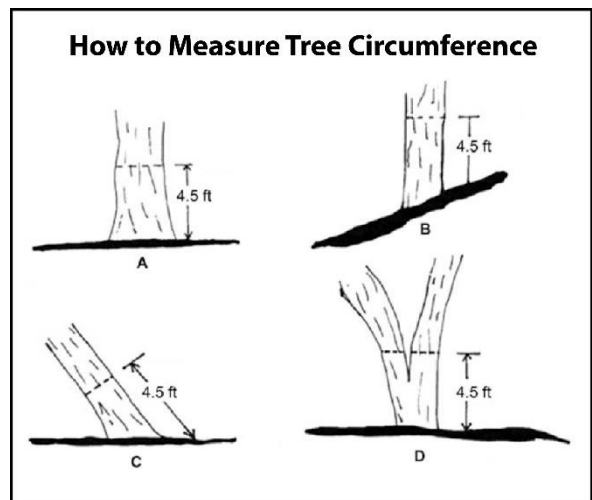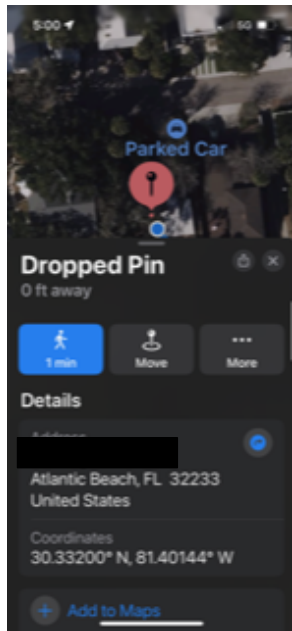
STEP 1: IDENTIFY YOUR MATURE TREE. It can be in your yard, neighborhood, or an AB park.
- Take a picture of your tree (or its leaves and/or nuts) with your phone and save it to the photo album.
- Click on the tree photo within the photo album.
- Click the info icon or scroll down and search with Google Lens (https://lens.google) or other tree identification app such as Leafsnap, vTree, PlantNet Plant Identification, iNaturalist, PictureThis, PlantSnap
- Write down the common and scientific names of tree (Example: Pignut Hickory is the common name, and its scientific name is *Carya glabra*)

STEP 2: DESCRIBE YOUR TREE'S LOCATION.
- Stand next to your tree
- Go to Google/Apple maps
- Touch and hold the dot/pin that marks your location.
- Click on Dropped Pin
- Copy or write down the latitude and longitude coordinates (Example: 30.33200° N, 81.401° W)

How to Measure Tree Circumference

STEP 3: MEASURE YOUR TREE.

- Measure 54 inches or 4.5 feet up from ground level.
- Place a measuring tape or a piece of string at that level and wrap it around the trunk to measure the circumference.
- Note down the total inches of circumference (Example: Our Live Oak has a circumference of 41 inches)

STEP 4: DETERMINE THE AGE OF YOUR TREE.

- Calculate the diameter of the tree trunk by dividing the circumference by 3.14 (pi). (Example: A 41" Live Oak ÷ 3.14 = 13.05" diameter)
- Find the growth factor for the species here: https://www.omnicalculator.com/biology/tree-age. If your tree type is not listed, use closest type.
- Multiply the diameter by the growth factor. (Example: A Live Oak with a 13.05" diameter multiplied by a growth factor of 5 = 65.25 years old!

STEP 5: SHARE YOUR TREE DATA.

- Go to this form: http://tiny.cc/ABMatureTree
- Complete the following fields:
    - Your name, email, phone and address
    - Tree's common and scientific names
    - Tree's coordinates
    - Tree's circumference
    - Age of tree
- You will receive automatic confirmation that your form(s) has been received and will be notified soon after 2/29/24 if you won a prize. Good luck!

If you have questions, please reach out to greenAB@coab.us or 904-535-0055