

# Fall at the Genius Reserve



Heather Chasez

# Mesic Habitat



# Sample Area



- I chose a sample area within the mesic hammock habitat that has a 395ft perimeter.

# Species ID



- We spent a couple afternoons identifying species within the sample area.

# Exotic Species



Poaceae Grass



Swordfern



Caesarweed



Spanish Needles

# Exotic



Chinaberry Tree



Ear Tree

# Native Species



Pokeweed



Rouge Plant



Saw Palmetto



Muscadine Grape

# Natives



Laurel Oak



Cherry Laurel



# Natives



Hickory



Cabbage Palm

# And More Natives

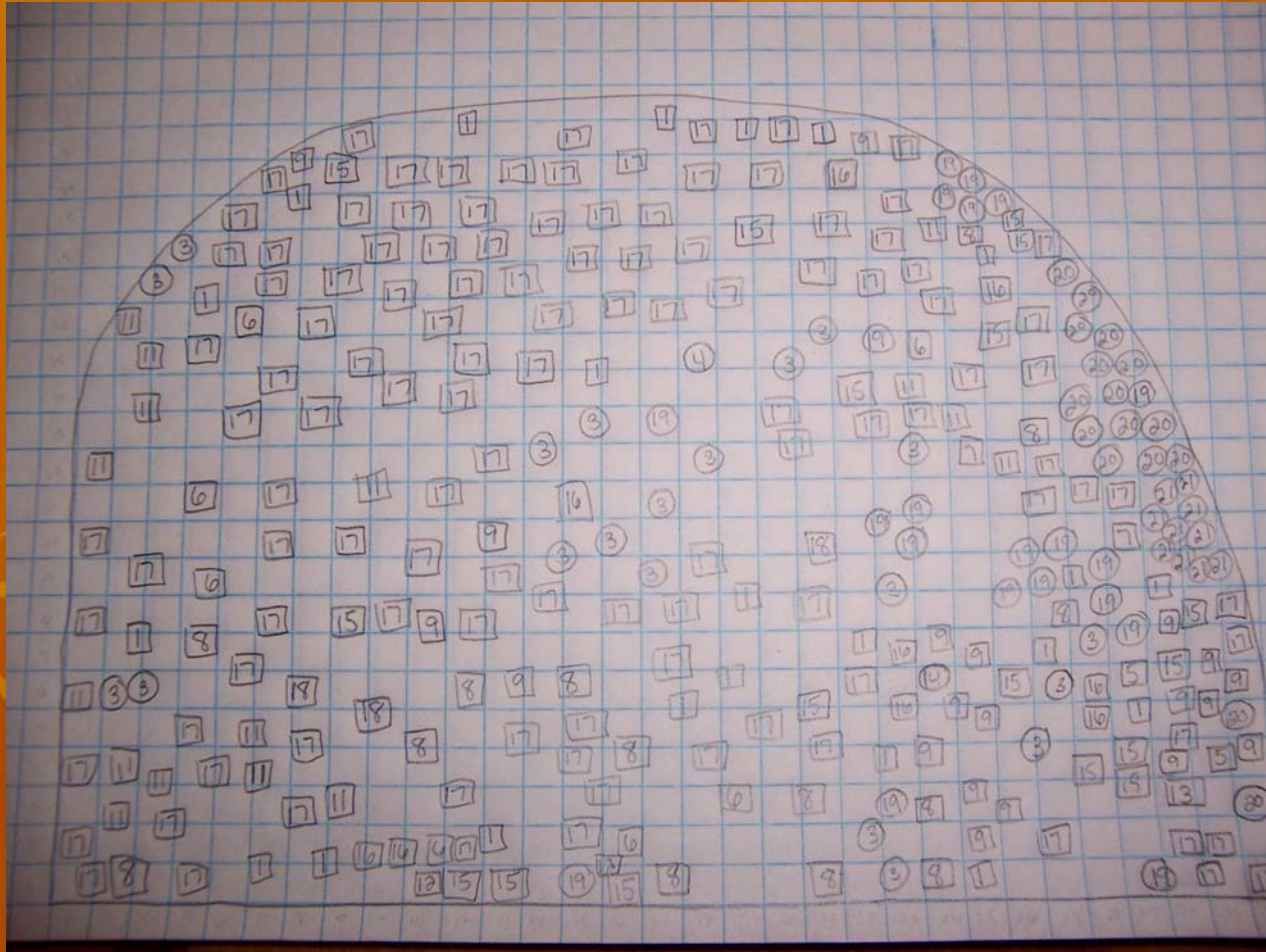


Beautyberry



Magnolia Tree

# Sample Area Overview



# Animals in the Mesic



Pileated Woodpecker

# Animals of the Mesic



Armadillo



Bald Eagle



Gray Squirrel



Red-Shouldered Hawk



Raccoon



Yellow Rat Snake

# The Nursery



# Propagation



We helped to accumulate plants for the nursery by digging up seedling plants from around the reserve and an off property site to nurture to later replant around the reserve

# Tagging Hickory



We tagged young hickory to be moved into the nursery later this year



# Keeping things watered



- A small task to ensure future plants for the reserve.

# Cedar Grove



# Weeding- The Constant Project



# The Organic Herbicide Project



- We attempted to use a natural herbicide on the area to rid it of the weeds but it was an unsuccessful attempt.

# Spraying Ronstar



- We settled on using Ronstar as a germination inhibitor. We weed wacked the area, applied the Ronstar and covered with pinestraw.

# Putting Down the Pinestraw



# Native Plants of the Cedar Grove









# Exotic Plants of the Cedar Grove





# Exotic Plants Big and Small

Ear Tree- immature



Ear Tree- mature

Chinaberry- mature



Chinaberry-immature



# The Transition Area Project



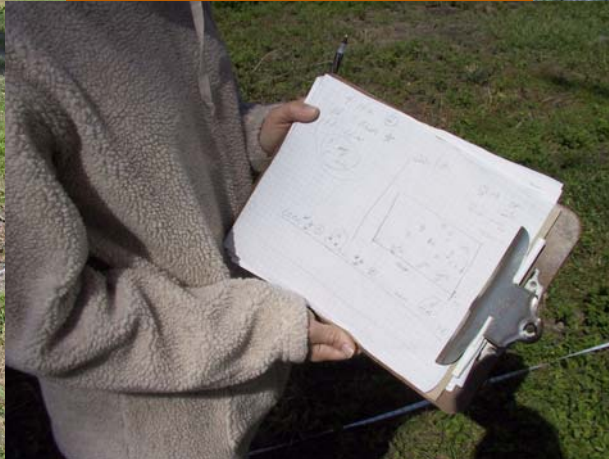
- We planned, then planted a transition area between the Cedar Grove and a project in the hydric area.

# Measuring

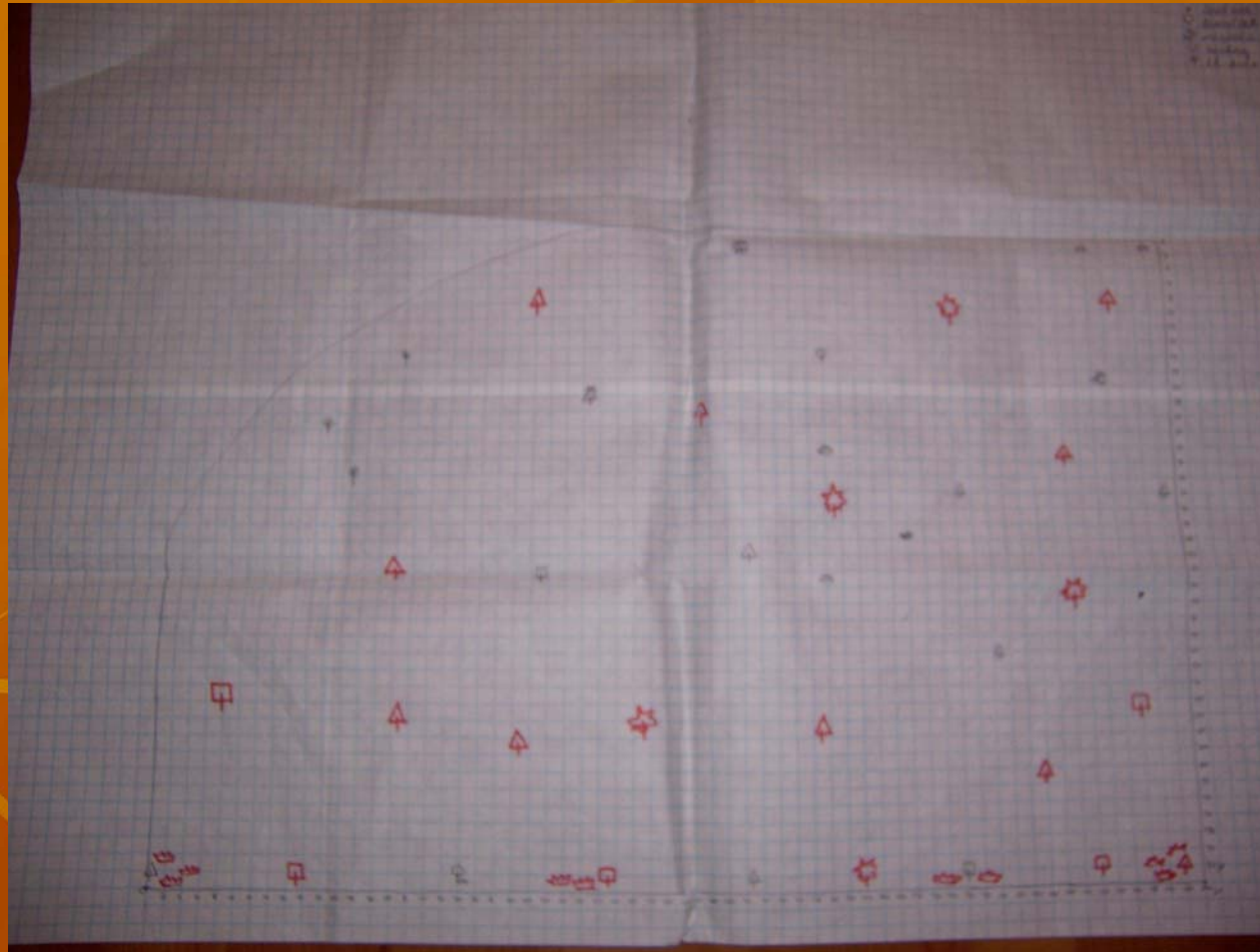


First we measured out the area we were designing the plan for and plotted the existing flora so we could distribute the plants and trees correctly.

# Plotting & Planning



# Overall View of Plan



- Using a set palette of trees and plants we made a layout of the area and proposed plants



# Actual Planted Area



