



# A Hint of Genius

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# Unhealthy Genius

Overgrowth of exotic  
invasive species



Camphor



Mexican Flame Vine





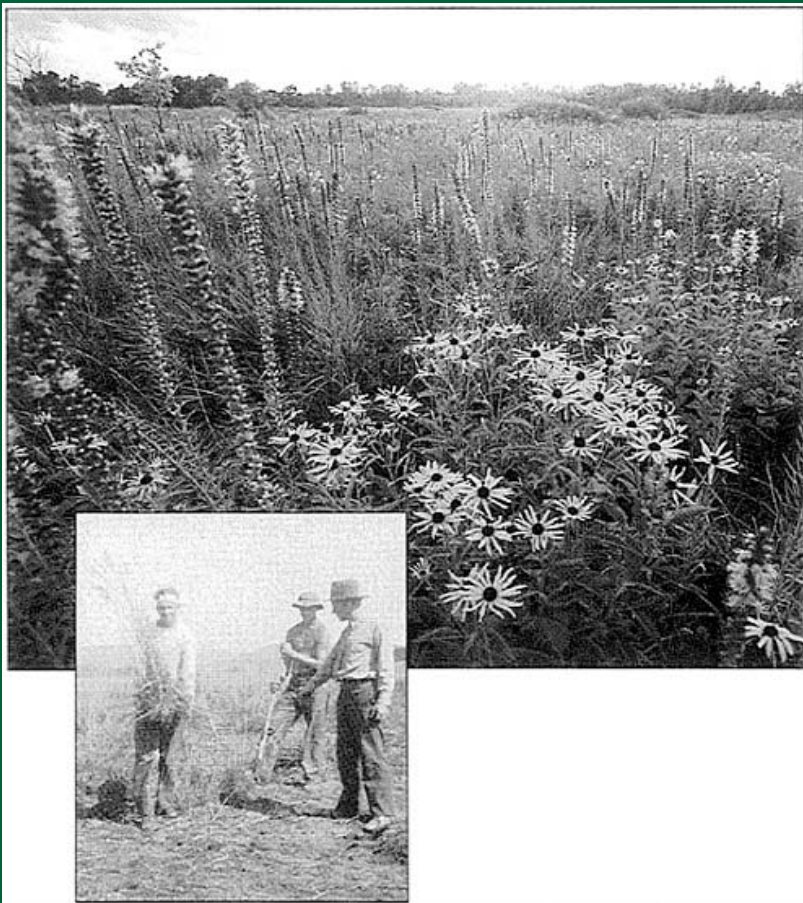


Aldo Leopold, the father  
of wildlife ecology

Michael Pollan,  
author, professor, and  
gardener



# Ethics and Guidelines



Aldo Leopold

- Land ethic
- Ecological Restoration

Michael Pollan

- Consult “the genius of the place”
- Ecological restoration



# Restoration Goals:

- Genius Reserve
- Leopold's Arboretum



# A Civilized Landscape

- The Arboretum
  - *Ethic*
  - *Ecology*
  - *Esthetics*



- Living Laboratory
- The objective of an outdoor living laboratory:
  - “to teach the student to see the land, to understand what he sees, and enjoy what he understands.”

# Liberal Arts Education



ROLLINS COLLEGE



WISCONSIN  
UNIVERSITY OF WISCONSIN-MADISON

- Rollins' Mission:
  - Global citizens
  - Responsible Leaders
  - Productive Careers
- UW-Madison's Mission:
  - Citizenship
  - Productive life
  - Life-long learning



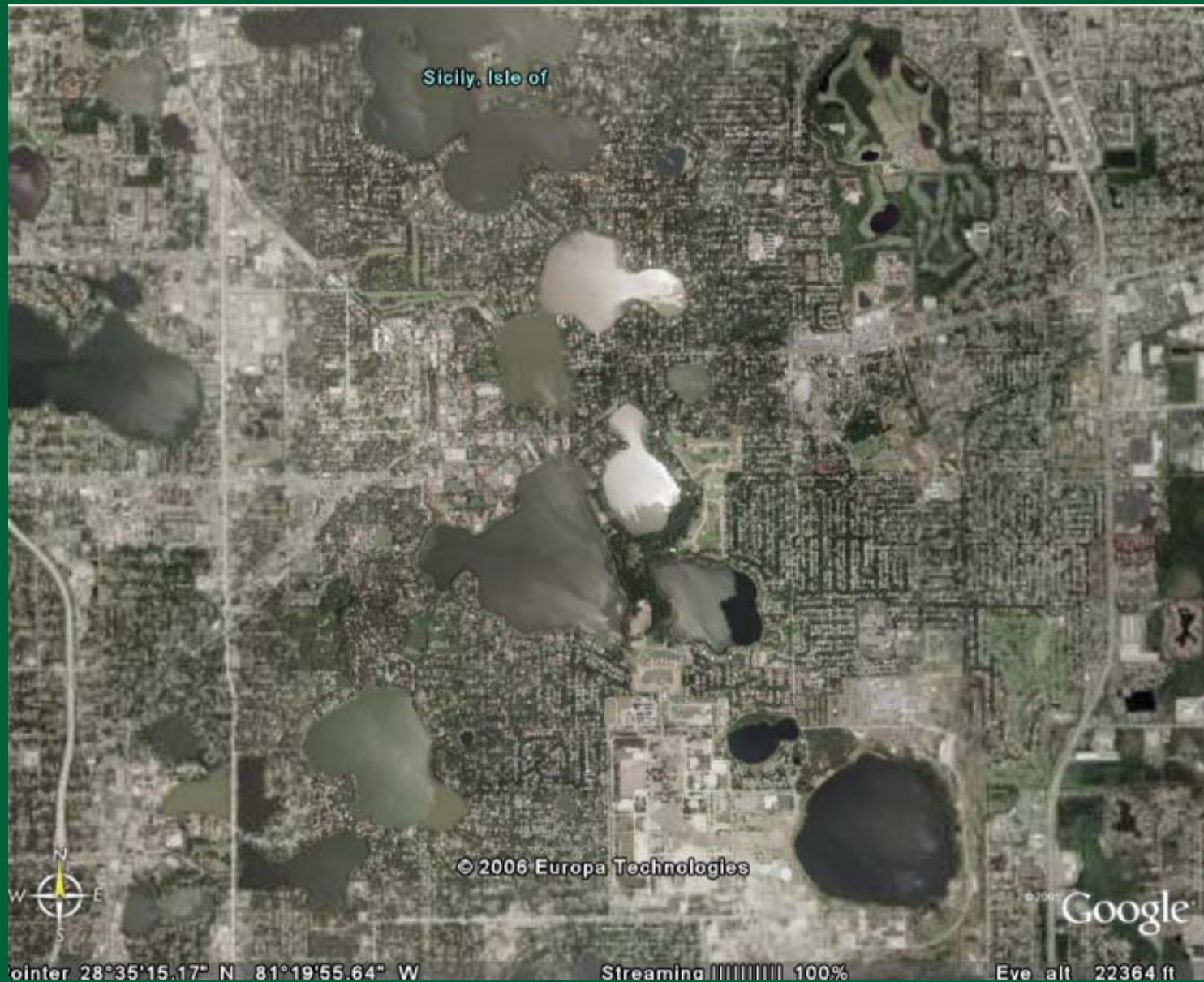
# Leopold's View of Esthetics



“...Most important, form follows function...”



# Genius—A Stepping Stone





# Genius—A Stepping Stone

- Indicator Species:
  - Red Fox
  - Bald Eagle
  - Gopher Tortoise





# Land Health

“Land health is the capacity for self-renewal in the soils, waters, plants, and animals that collectively comprise the land”  
-Aldo Leopold

- Restore Health
- Remove Exotic Invasive Species
- Plant Native Species





# Areas of Focus

## *The Past*

- Mesic Habitat

## *The Present*

- Hydric/Mesic Hardwood Habitat

## *The Future*

- Windsong Garden



# The Past: Cedar Grove



Before

After





# The Present: Banana Plantation

- “For where garden plants have been bred for a variety of traits, weeds have evolved with just one end in view: the ability to thrive in ground that man has disturbed. At this they are very accomplished indeed.”

--Michael Pollan





# Human Intervention



Removed Camphor Trees



# Hydric/Mesic Hardwood Habitat

## Canopy



Magnolia



Cypress

## Understory



Saw Palmetto



Beauty Berry



# Banana Plantation



Before



After

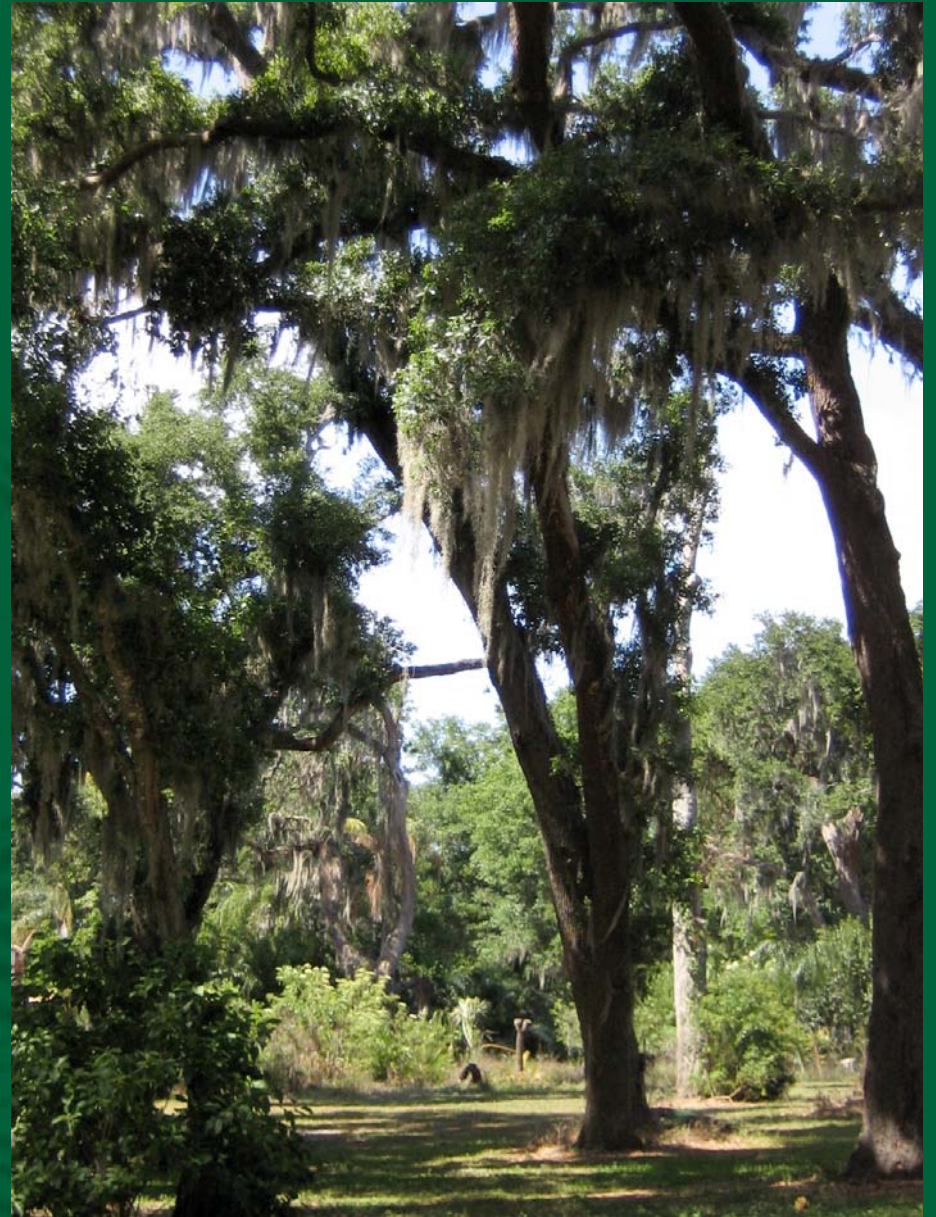
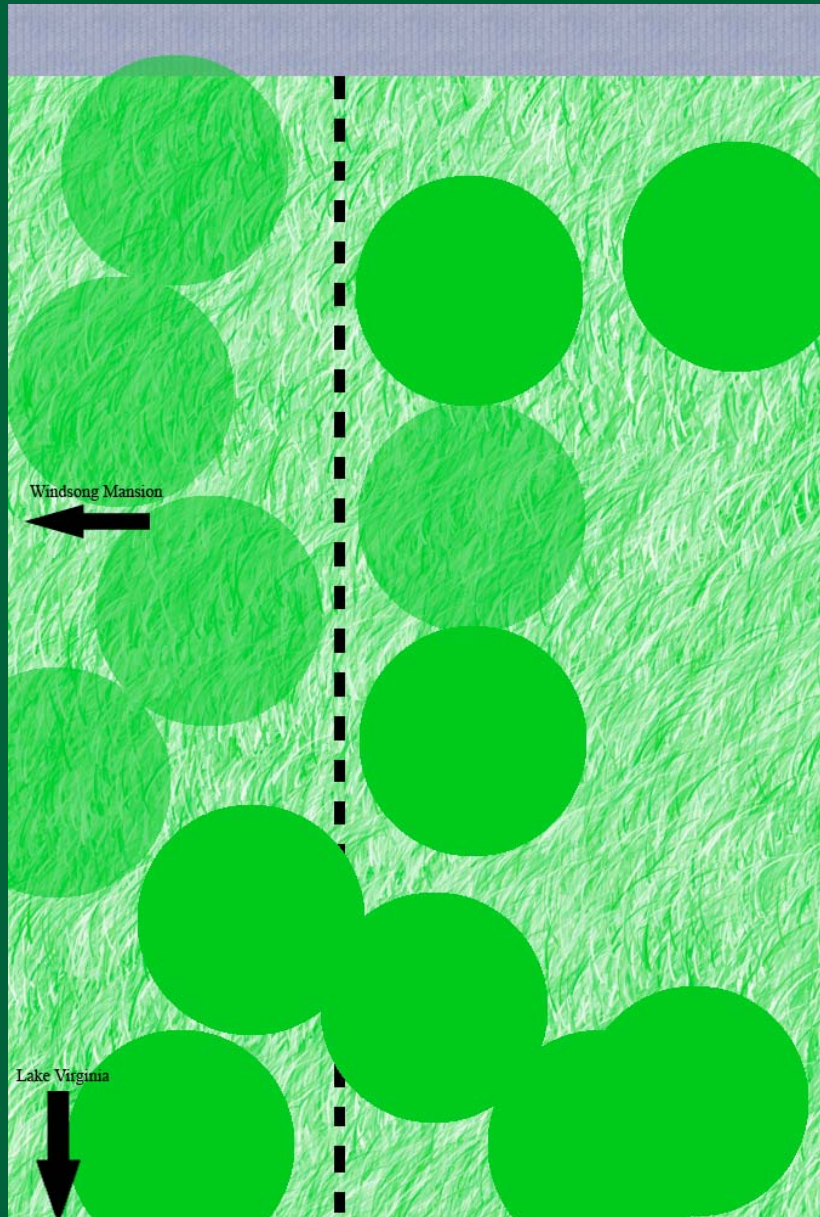


# The Future: Windsong Garden and Oak Grove





# The Oak Grove Plan





# Know Where You're Going, See Where You've Been



“unexplainable beauty of a path in a garden”

~Michael Pollan

# The Windsong Garden Plan

Live Oak	3
Southern Magnolia	3
Beauty Berry	0
Hickory	0
Coffee	17
Coontie	17
Camellia	34
Redbud	7
Plumb	5
Dogwood	8



# Understory



Coffee

Camellia



Coontie

# Native Trees



Redbud



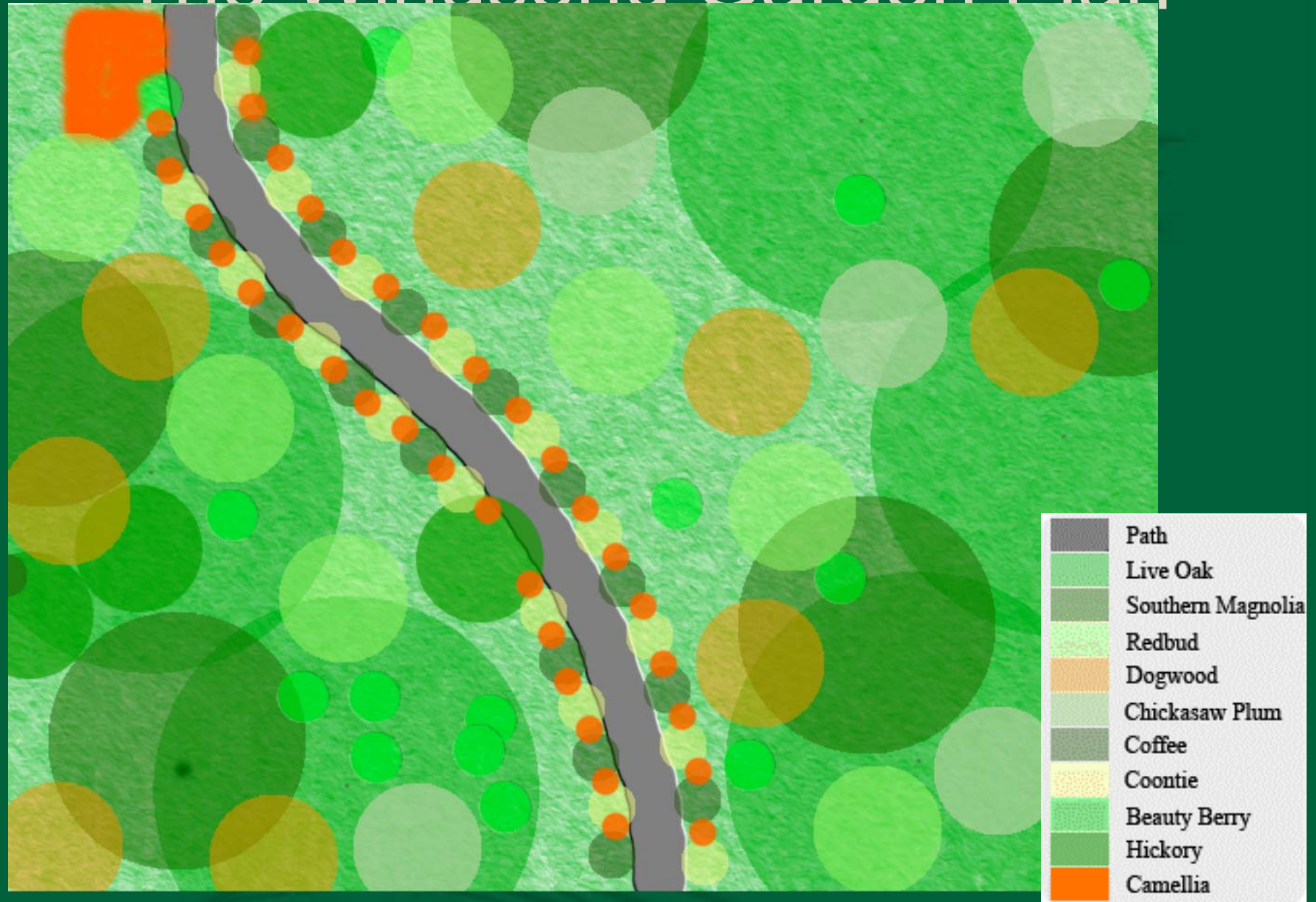
Chickasaw  
Plum



Dogwood



# The Windsona Garden Plan



# The Potential





# “The Genius of Place”

