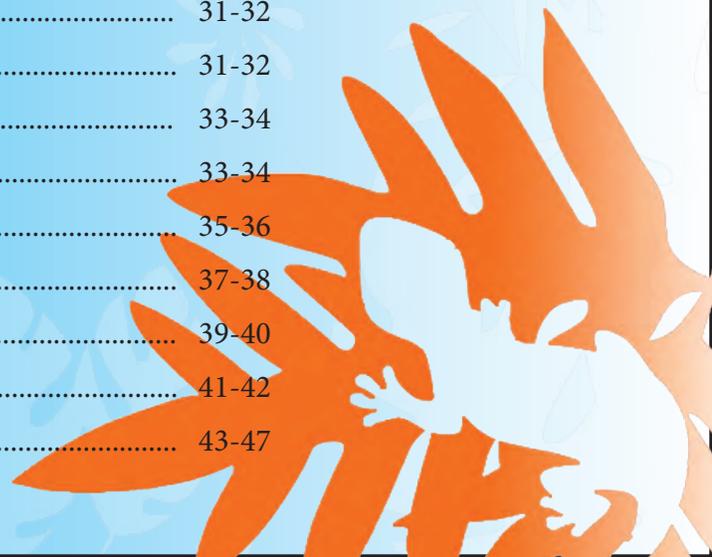






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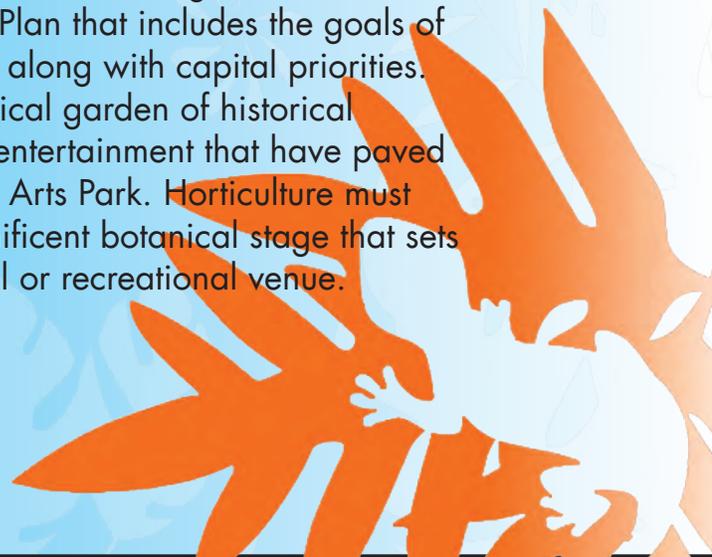
# BACKGROUND

On December 17, 2002, the Village of Pinecrest purchased the property of the world-famous Parrot Jungle and Gardens tourist attraction. The Parrot Jungle attraction was in the process of relocating to Miami's Watson Island. The Village Council renamed the property Pinecrest Gardens and approved a master plan and a subsequent five-year vision for the site.

In February 2007, the Village Council appointed a Botanical Committee consisting of two councilmember co-chairs and five residents. Its charge was to identify and recommend botanical improvements that would best serve the interests of Pinecrest residents and those of the larger community. With the committee's recommendations, the Village produced the first "Botanical Plan" and set into motion major botanical improvements. In 2009, and through 2016, the Botanical Committee became the Pinecrest Gardens Advisory Committee, which was given extended responsibilities regarding cultural, educational and environmental programming recommendations in addition to continued botanical input. Commensurate with the change in the Advisory Committee's responsibilities, the Botanical Plan was changed both in name and in content to the Master Plan.

The objective of the 2017 Master Plan is to serve as a continuing roadmap for the next five years, aligning the strategic priorities of the Village of Pinecrest/Pinecrest Gardens with the necessary tasks it will take to achieve these priorities. The plan provides guidelines that will help staff carry out their role as stewards of a "jungle garden", while honoring the continued legacy of the Scherr Family who created this venue which boasts winding trails through dense landscapes of Florida native plants interspersed with lush and exotic species.

Finally, this document will include Pinecrest Gardens' Strategic Priorities articulated in the Village of Pinecrest Strategic Plan that includes the goals of horticultural, educational and cultural activities along with capital priorities. Pinecrest Gardens is first and foremost a botanical garden of historical significance with roots that run deep in family entertainment that have paved the way to it becoming South Florida's Cultural Arts Park. Horticulture must remain front and center because it is this magnificent botanical stage that sets Pinecrest Gardens apart from any other cultural or recreational venue.





# MAJOR ACCOMPLISHMENTS OF THE LAST FIVE YEARS

Since 2002, there have been many changes to Pinecrest Gardens including capital improvements, infrastructure upgrades, horticulture cataloging and significant programming additions.

- Splash 'N Play design and build out
- Directional signage throughout the park
- Rebuild of the Historic Entrance Building
- Playground design and installation
- Petting Zoo design and installation
- Butterfly House rental venue
- Hibiscus Room renovation including a kitchenette addition
- Upper Garden night lighting and partial Lower Garden night lighting
- ADA improvements to Banyan Bowl Restrooms
- Sensory Garden
- New restrooms in the Lower Garden
- Banyan Bowl upgrades including new seating, stage, lighting, sound and ventilation
- Programming the Hibiscus Room as a full-time art gallery
- Banyan Bowl dressing rooms
- Renovation of the flamingo feeding area in Swan Lake including new rock work
- Parking Lot resurfacing
- Hammock Pavilion renovation
- Path Shelters rebuild
- Cypress Hall renovation
- Reintroducing endangered or extinct flora and fish
- Extensive upgrades to irrigation system
- Cleaning out and redesigning the Nursery
- Replanting areas including the Patio Garden, Caribbean Garden and Grottos
- Introducing permanent and temporary monumental outdoor art installations
- Launching an education program for adults and children that includes horticulture, conservation and art initiatives
- Launching a rich and varied program of performing arts that includes dance, theater and music





# OVERVIEW

It is the overall goal of the master plan to provide visitors and patrons a feeling of entering an oasis just footsteps from the urban world. It is important to provide visitors with a broad, but targeted range of programming that includes educational, recreational and entertainment options.

It is also important to focus horticultural priorities towards long-range planning for the sustainability of our garden, a demonstrable attention to garden maintenance and a unified goal of creating a destination worth visiting over and over again. Pinecrest Gardens will continue to solicit a core group of volunteers for educational programming support and garden maintenance.

The priorities in the Strategic Plan for the next five years, were formulated with the following considerations in mind:

- What is the visitor experience and perception at the moment of entry to the garden property till the time they leave?
- Is the staff (full and part-time) trained to understand that the visitor experience is first and foremost?
- What does the visitor see, botanically speaking, and are they understanding what they see?
- Is the garden durable, are infrastructure upgrades at a point where solely maintenance and fine-tuning is needed?
- Is the facility all-inclusive and ADA code compliant?
- Are the different sections of the garden distinct enough, that visitors understand the differences between them?
- Does the facility have a roster of volunteers that can meet the demands of the new educational programming, and long-term horticultural support? If not, how do we continue to attract new volunteers and sustain the volunteer base that we have?





# STRATEGIC GOALS: HORTICULTURE

## **Improvement of the aging irrigation system infrastructure through a phased replacement program and other necessary infrastructural changes and upgrades.**

- Optimization of irrigation control systems and schedules to better accommodate the seasonal needs of the garden's native tree framework and result in greater precision of water delivery to all of the garden plants. Install new system controller.
- Minimize, conceal or remove intrusive or obsolete infrastructure, i.e. irrigation and electrical lines, pipes, and old signage found in landscaping to improve display aesthetics. Bury most obtrusive sections of irrigation lines.

## **Reduction of expenditures and improvement of horticultural efficiency by increasing productivity of the existing nursery.**

- Continued renovation and reconstruction of nursery to better match horticultural needs.

## **Prioritization of environmental requirements of existing native species when considering plantings of exotics and other key horticulture needs to optimize garden look and care.**

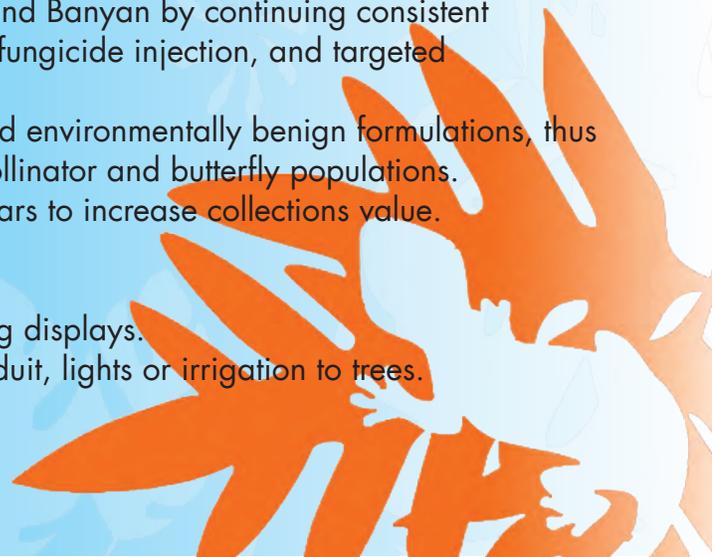
- Refinement of plantings to share similar needs with natives.
- Considerably reduce and remove invasive vines and other species, thus reducing the serious threat to the garden display plantings and trees.
- Plant appropriate natives to increase bird and butterfly populations.
- Display individual species and cultivars in selected areas and groupings to eliminate sameness of plantings throughout large areas of the garden. This will emphasize diversity and reduce "green blindness" - the difficulty in perceiving differences between species.
- Replant with noninvasive exotic and native ground covers.
- Adjust plantings to group plants together that have similar cultural requirements.
- Adjust garden design to better display and maintain specimen plantings.
- Selectively open sight lines to reveal specimen plants and to restore garden views.
- Replace boundary vine plantings at Swan Lake with bamboo to greatly reduce maintenance needs and improve aesthetics.
- Reduce resource (especially water) use and maintenance needs.

## **Other Key Priorities**

- Further horticultural training of gardeners to increase skill sets and lessen the need for outside contract garden work. Stabilize parking lot area Ficus and Banyan by continuing consistent treatment for Hypoxylon Canker. This includes pruning, fungicide injection, and targeted fertilization.
- Change mosquito chemical controls to 100% human and environmentally benign formulations, thus reducing staff/visitor exposure and increasing native pollinator and butterfly populations.
- Plant horticulturally rare or significant species and cultivars to increase collections value.

## **Important Tree Health Considerations**

- Staples cannot be used in trees for attachment of lighting displays.
- Constricting ties cannot be used to attach electrical conduit, lights or irrigation to trees.



# A WORD ABOUT PEST SPECIES (INVASIVE PLANTS)

South Florida gardens are relatively recent creations when compared to those found in other parts of the country. Our region was sparsely populated until the third decade of the twentieth century, with most growth occurring after the Second World War to the present day. The region's local climate and soils have greater affinities with those of the Caribbean and Yucatan region of Mexico than the rest of the U.S. Consequently, most garden plants were considered novel and untested. Their suitability to local horticulture often took decades to be decided.

South Florida's garden plant palette can be considered mature. Species and cultivars are widely recognized and are desirable and grow well. Others have proven susceptible to pests and disease, or have qualities that facilitate inexpensive nursery production, but are less desirable in garden plants. Many plants that are widely available are those that grow rapidly, are easily propagated, and often spread aggressively; qualities that can make them difficult to manage or invasive in natural areas.

Some plants growing in the garden are considered pest species by the Florida Exotic Pest Plant Council (FLEPC). Others are not listed, but are invasive in the garden's specific horticultural environment. Many were intentionally planted, having considerable ornamental value. Some form a significant portion of the garden's exotic flora. Most of the pest species pose a direct existential threat to the existing native species, including irreplaceable Bald Cypress and Southern Live Oaks. They also compete with other exotic plantings, threatening to overwhelm them. Eradication and replacement will take time and considerable resources. It is the primary step toward protection and stewardship of the native flora, of insuring the garden's botanical stability, and of the ongoing improvement of the garden's display value for visitors.

## **Pest Plants at Pinecrest Gardens:**

Assorted vining aroids

Impatiens sp.

Cecropia peltata

Gonatopus boivinii

Impatiens sp.

Ptychosperma elegans

Spathodea campanulata

Assorted unidentified vines

Caryota mitis

Ficus religiosa (*not intentionally planted in Gardens*)

Hylocereus undatus

Livistona chinensis

Schefflera actinophylla

# A WORD ABOUT HYPOXYLON CANKER DISEASE AND TREATMENT

Hypoxylon Canker is a secondary fungal infection found in a variety of hardwood trees, most notably oaks. Recently recognized as a threat to Ficus species in South Florida, it has been diagnosed as a serious infection in a number of the garden's parking lot trees and the Signature Banyan. Infected trees can be seriously weakened without any noticeable symptoms until the reproductive stage of the fungus appears. A number of the Ficus as well as the Banyan are displaying visible signs of infection. Since environmental conditions are the same for all of the parking lot trees, it can be assumed that many are currently infected, but are asymptomatic. Without proactive and ongoing maintenance and treatment, tree mortality will occur.

Hypoxylon spores are typically omnipresent on bark. In certain conditions trees can become infected, resulting in leaf drop, limb weakening, dieback, and breakage. Death of the host tree often occurs after several years. Older trees and individuals that have endured stressful growing conditions, damage to limbs caused by wind or other abrasion, or bark penetration, are susceptible. All of these conditions are present for the parking lot Ficus and the Signature Banyan.

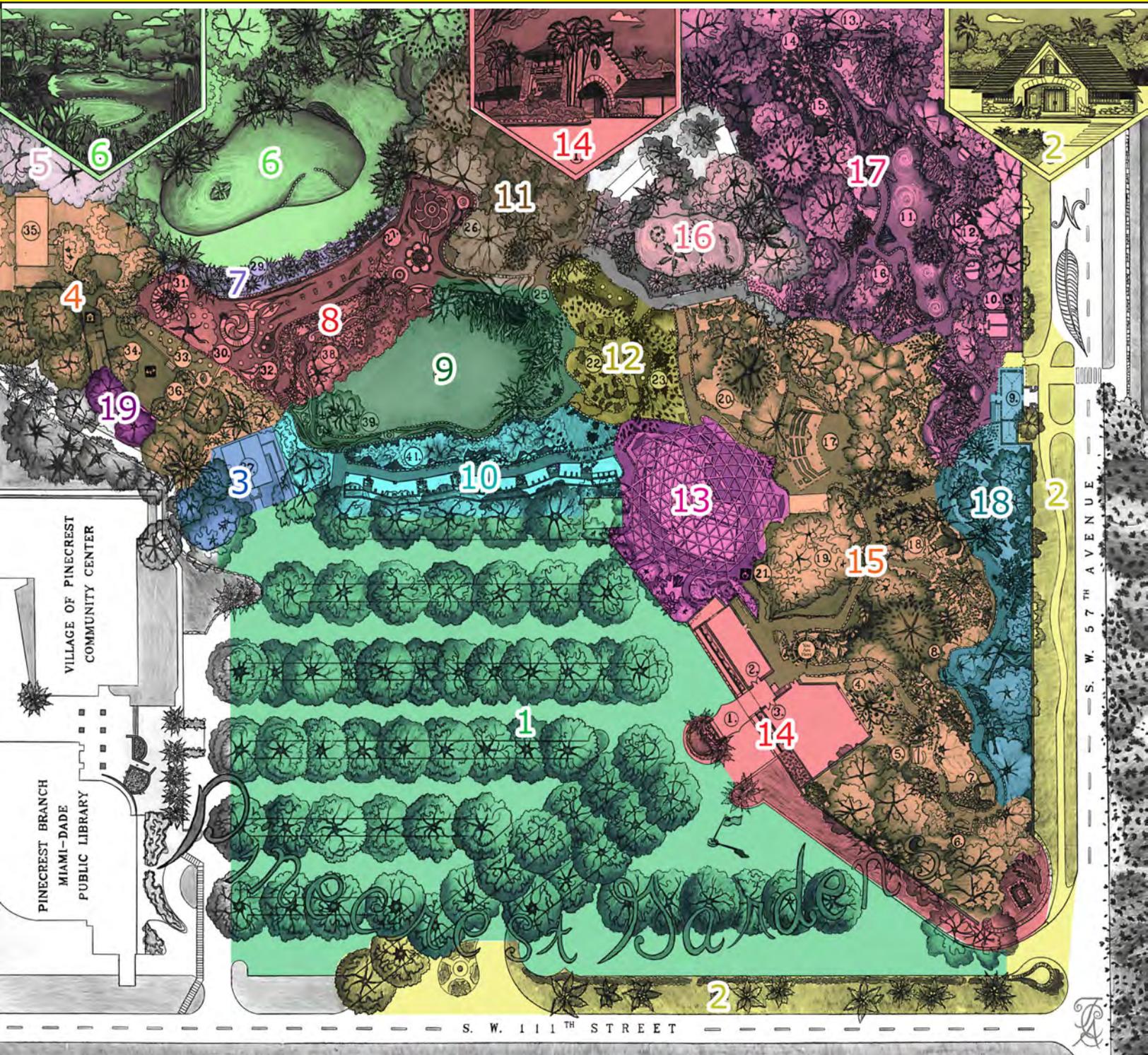
Vigorous, well-nourished trees are both more infection resistant and better able to outgrow localized infection. Treatment will focus on bettering the environmental conditions via biannual fertilization and soil aeration, pruning to remove infected wood and improve tree structure, and fungicide injection to control and possibly eradicate the disease. Injection must be done during the spring dry season; it being the best time for maximum liquid absorption into the trees' circulatory systems. Median parking will be eliminated and incidental bark penetration via staples, screws, or non-elastic ties used to affix lighting, electrical conduit, or signage, must cease.

Treatment is a vital ongoing maintenance responsibility for these trees, which are among the most iconic of the garden's plantings. Preventative action will insure their preservation.

*Hypoxylon canker on Ficus in the garden; note grey fruiting bodies and cracked bark.*



# HORTICULTURE AREA MAP



PINECREST BRANCH  
MIAMI-DADE  
PUBLIC LIBRARY

VILLAGE OF PINECREST  
COMMUNITY CENTER

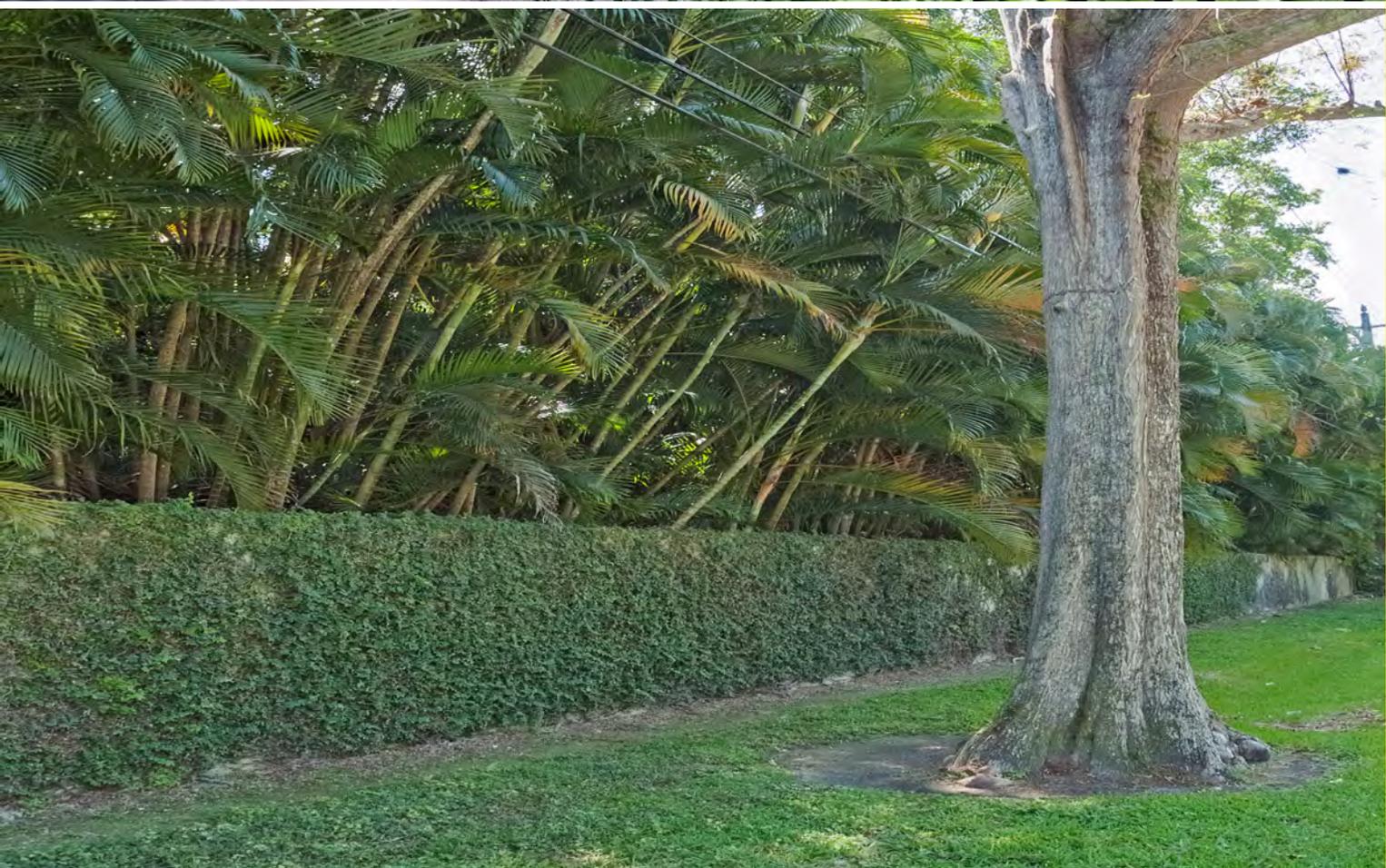
S. W. 111<sup>TH</sup> STREET

S. W. 57<sup>TH</sup> AVENUE

## **Horticulture Area Map Key**

1. Parking Lot
2. Red Road and Killan Drive
3. Sensory Garden and Whilden-Carrier Cottage
4. Butterfly House,
5. Playground and Zoo
6. Nursery (Behind Swan Lake not on map)
7. Swan Lake
8. Lake Garden (Xeric)
9. Lakeview Terrace and Meadow Garden (Xeric)
10. Meadow
11. Colonnade/Aviary
12. Patio Garden
13. Banyan Tree
14. Banyan Bowl
15. Entrance
16. Tropical Hardwood Hammock
17. Splash 'N Play
18. Lower Garden North
19. Lower Garden South
20. Pump House

Zones have been slightly reconfigured to reflect landscape commonality reflecting new names instead of numbers for easy identification.



# PARKING LOT

## **Needs:**

- Annual treatment and bi-annual fertilization of Ficus to control or eliminate Hypoxylon and Phytophthora fungal diseases
- Reduce the risk of disease spread and incidence of reinfection by pruning trees with sterilized tools and elimination of staples to attach seasonal lighting
- Elimination of parking on medians with installation of coral rock parking barriers to minimize tree root damage and soil compaction
- Removal of palms opportunistically growing near or through Ficus trees on a regular basis
- Removal of invasive vines
- Removal of weedy palms and selected weedy trees and shrubs along the back of Colonnade
- Replace existing native and exotic shrubs with plants that are better suited to the moderately shady environment

## **Results:**

- Long-term increase of Ficus tree vigor and preservation of canopy
  - Increased bird and butterfly populations
- 

# RED ROAD AND KILLIAN DRIVE

## **Needs:**

- Make design and landscape adjustments to Historic Entrance Building that include additional colorful species/cultivars
- Replace plants under Red Road sign with a lower ground cover to eliminate sign masking
- Increase population of Canna

## **Results:**

- Overall improved appearance and better readability of the lower signs
  - Maintain historic look at the entrance and perimeters of the garden
- 



# SENSORY GARDEN AND WHILDEN-CARRIER COTTAGE

## **Needs:**

- Installation of exclusively native plantings in Cottage area

## **Results:**

- Low maintenance landscape that encourages wildlife

## **Educational Opportunities:**

- Native landscaping expands cottage-based programming to include additional environmental, conservation, and historic landscape components
- 

# BUTTERFLY HOUSE, PLAYGROUND AND ZOO

## **Needs:**

- Replacement of worn shadehouse canopy fabric. Pruning of adjacent Poinciana trees to minimize branch and leaf-drop on structure and increase light
- Conversion of interior Butterfly House plantings to more shade-tolerant, durable species
- Installation of butterfly garden. Replacement/redesign of playground border plantings with native butterfly and bird-attractant species
- Replacement of animal shelter structures. Expansion of paddocks into Pump House area to increase zoo animal living and exercise space
- Install ADA surfacing

## **Results:**

- Increased durability of Butterfly House
- Increased butterfly and bird occurrences near Butterfly House
- Increase environmental sustainability
- Improvement of zoo animals' quality of life

## **Results:**

- Expand children's environmental and science-based programming
- 



# NURSERY

(BEHIND SWAN LAKE NOT VISIBLE ON THE MAP)

## **Needs:**

- Replacement of shade cloth, installation of weed barrier ground cloth and gravel for facility renovation
- Replacement of inoperable greenhouse circulation fan. Installation of “quiet” greenhouse intake/exhaust fans
- Trimming or removal of west driveway plantings to reduce leaf and branch drop on Nursery structures and increase light and air circulation
- Design and build learning garden for children/adult educational activities

## **Results:**

- Improved holding and growing environment for future display plantings and plant distribution material. Improved plant propagation environment.
- Improved plant health
- Reduced facility maintenance

## **Educational Opportunities:**

- Provide space in an educational garden for students to grow, handle and learn about edibles, natives and sensory plants
- Botany students can experience garden husbandry operations and learn directly about plant care

---

# SWAN LAKE

## **Needs:**

- Elimination of staples and constricting tie use for lighting attachment on trees
- Removal of invasive vines and trees
- Installation of non-invasive barrier plantings at fence line
- Dredging of Swan Lake and transfer pump sump

## **Results:**

- Improved landscape display quality





# LAKE GARDEN (XERIC)

## **Needs:**

- Removal of unnecessary irrigation components and burial/masking of irrigation main line
- Realignment of terracing stone
- Rebuilding of stone planters
- Planter restoration and landscaping/planting inside planters

## **Results:**

- Improved landscape display relevant to our most iconic view
- Restoration completion of xeric garden
- Reduced maintenance

## **Educational Opportunities:**

- Provide environmental and horticultural programming based upon xeric plants
  - Stimulate field trip curricula concerning plant form and function
  - Provide an example of a water conservation garden
- 

# LAKEVIEW TERRACE AND MEADOW GARDEN (XERIC)

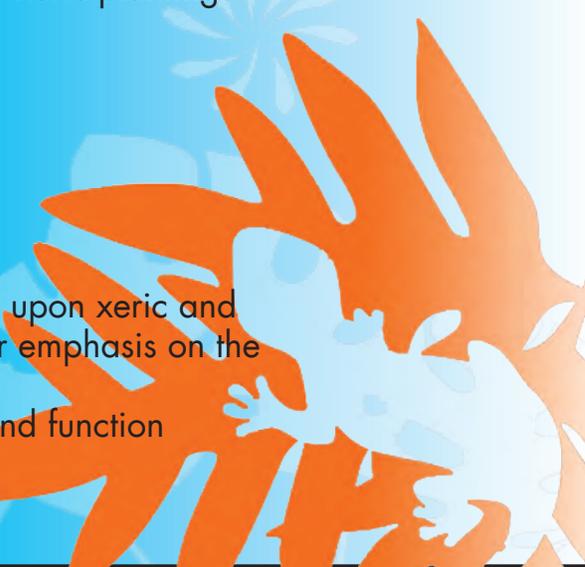
## **Needs:**

- Removal of unused irrigation components. Irrigation line adjustment.
- Removal of inappropriate plantings
- Adjustment of garden design and installation of new xeric plantings

## **Results:**

- Improved landscape display
- Restoration of xeric garden
- Reduced maintenance

## **Educational Opportunities:**

- Environmental and horticultural programming based upon xeric and seasonally dry tropical forest plants with a particular emphasis on the Caribbean landscape
  - Stimulate field trip curricula concerning plant form and function
  - Provide an example of a water conservation garden
- 



## COLONNADE/AVIARY

### **Needs:**

- Removal of invasive vines and trees
- Additional select croton planting

### **Results:**

- Improved plant health
  - Aesthetic improvement with color addition
- 

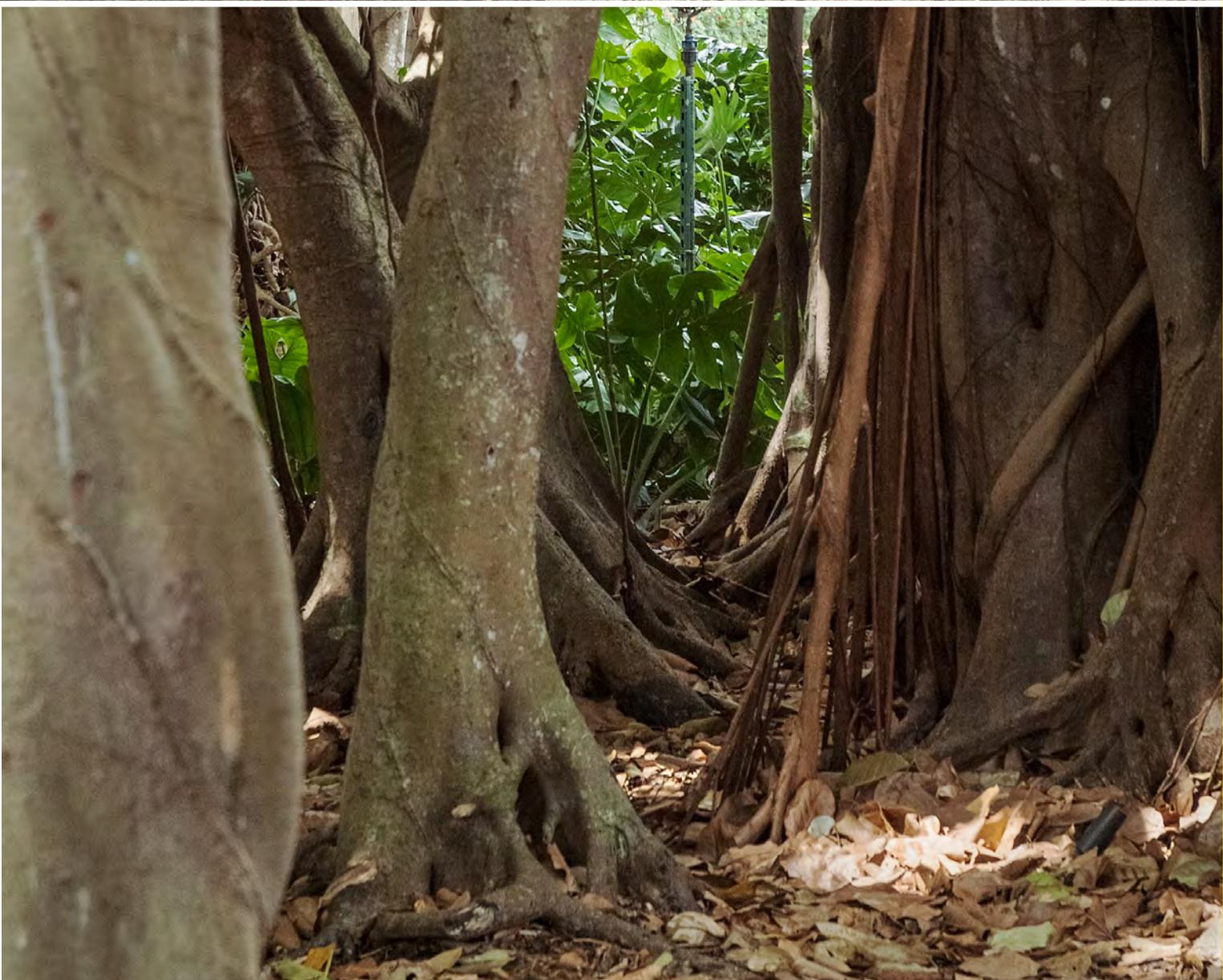
## MEADOW

### **Needs:**

- Removal of invasive vines and trees
- Annual re-sodding

### **Results:**

- Improved plant health
- 



# PATIO GARDEN

## **Needs:**

- Removal of invasive vines and trees
- Pruning of tree canopy to reduce shading of plantings

## **Results:**

- Increased plant vigor and health
  - Aesthetic improvement
- 

# BANYAN TREE

## **Needs:**

- Elimination of staples and constricting ties for lighting attachment
- Ongoing periodic banyan treatment for Hypoxylon disease
- Biennial selective pruning and reduction in size of banyan tree canopy and accompanying aerial roots
- Removal of all basal plantings under main banyan trunks
- Removal of vining aroid plantings and replacement in the banyan vicinity with self-heading species and cultivars
- Removal of weedy tree and palm species (from wild-sown seed sources)  
Replacement with lower-maintenance species

## **Results:**

- Aesthetic design improvement
  - Focus on banyan form and structure
  - Reduced possibility of severe hurricane damage to banyan tree and adjacent structures
- 



# BANYAN BOWL

## **Needs:**

- Selective pruning of tree canopy along walkway to allow greater light penetration
- Additional planting of shade tolerant species

## **Results:**

- Improved plant health
  - Aesthetic design improvement
- 

# ENTRANCE

## **Needs:**

- Replanting Entrance Building plantings with shorter, less phototropic species
- Conversion of Entrance Building planted beds to new irrigation system

## **Results:**

- Aesthetic design improvement
  - Reduced horticultural maintenance
  - Reduced plant mortality
- 



# TROPICAL HARDWOOD HAMMOCK

## **Needs:**

- Removal of invasive vines and trees
- Intensive pruning and shaping of tree canopy
- Thinning of exotic plantings
- Selection of new plantings better adapted to natural environmental conditions
- Replanting of native ground cover and sub-canopy species
- Reduction of aerial irrigation
- Adjustment of irrigation regime to follow natural wet/dry seasons
- Redesign of Caribbean garden

## **Results:**

- Reduction in loss rate of native canopy, especially Southern Live Oak
- Improved tree and native epiphyte health and vigor
- Improved flowering and health of select exotics
- Reduced select native and exotic plant mortality
- Improved long-term sustainability of existing native vegetation
- Improved long-term sustainability of Caribbean Garden

## **Educational Opportunities:**

- Provide an example of ecosystem functioning and species diversity

---

# SPLASH ‘N PLAY

## **Needs:**

- Removal of invasive vines and trees
- Upgrade water features over time
- Art installation and seating/picnic area at south end of Splash ‘N Play
- Identify area and install a small Soft Playground for toddlers
- Add entertainment/education components like book readings done to classical music

## **Results:**

- Improved long-term stability of garden design
  - Reduced maintenance
  - Keep Splash ‘N Play fun and interesting to maximize children’s recreational experiences
- 



# LOWER GARDEN NORTH

## **Needs:**

- Removal of invasive vines and trees
- Intensive pruning and shaping of tree canopy
- Selective thinning of exotic plantings to restore historic views and control aggressive species
- Installation of additional non-invasive aquatic and bog plants in alligator pits
- Pond muck removal
- Elimination of Bay Snook (invasive fish species)

## **Results:**

- Aesthetic improvement
- Possibility of removal of pond outflow plug to Snapper Creek to allow restoration of historic rare fish and shrimp populations

## **Educational Opportunities:**

- Demonstrate the differences between exotic, naturalized, and native species
- 

# LOWER GARDEN SOUTH

## **Needs:**

- Removal of invasive vines and trees
- Intensive pruning and shaping of tree canopy
- Selective thinning of exotic plantings to control aggressive species
- Pond muck removal
- Elimination of Bay Snook (an exotic species)

## **Results:**

- Aesthetic improvement
- Possibility of removal of pond outflow plug to Snapper Creek to allow restoration of historic rare fish and shrimp populations

## **Educational Opportunities:**

- Demonstrate the differences between exotic, naturalized, and native species
  - Display the lifestyles of aquatic and semi-aquatic plants
- 



# PUMP HOUSE

## **Needs:**

- Removal of invasive vines and trees
- Expansion of paddocks into Pump House area to increase zoo animal living and exercise space

## **Results:**

- Improved garden design stability
  - Improvement of zoo animals' quality of life
- 

# SIGNAGE

## **Needs:**

- Wayfaring:
  - Repaint and restore existing signage to their original beautiful state and include areas that might not have existed prior to installation including Historic Entrance restrooms and Hammock Pavilion
- Donor and Honorary:
  - Make sure that any designated areas that have been upgraded or replanted through donation have signage that adhere to code.
- ADA:
  - Repaint and refresh existing signage making sure all ADA identification and directional indicators are correct and to code.

## **Results:**

- The visitor's experience in locating facilities can occur without issue.
  - ADA code compliance and compliance with the Village of Pinecrest signage ordinances
- 

# STRATEGIC GOALS: EDUCATION

## **Build Stronger Relationships with Schools through Outreach Programs.**

- **Pinecrest School Partnerships**

- Provide curriculum assistance and educational materials for students on STEM and STEAM related topics
- Foster an understanding of stewardship and appreciation for the Earth through lessons on a range of topics
- Align curriculum with Next Generation Sunshine State/ CPALMS standards

- **Teachers Luncheons**

- Continue to host luncheons throughout the year scheduled on Teacher Work Days for teachers and officials of Pinecrest schools
- Foster more opportunities communication between community schools and PTAs with the possibly of including other organizations like Scouts

- **Creating Need-based, segmented Field trips**

- Developing two-phase field trips, which include a scheduled classroom visit from a member of the education department, as well as a corresponding field trip to Pinecrest Gardens reinforcing classroom learning in an outdoor setting, (bridging the gap between classroom and "real life" application in the fields of both science and art)

- **Other Outreach**

- Pinecrest Gardens presence and involvement at community events such as Miami-Dade College Community Out Reach Day, USDA Ag Center Research Day, The Children's Trust Fair, Tropical Girl Scouts of South FL Family Fun Day, Senior Health Fair, All Kids Included Festival, etc to promote our mission and programs

## **Build Daytime Visitation and Enhance the Visitor's Experience Through the Expansion of Scout Programs and Drop-in Programs**

- **Little Lizards**

- The program is tailored to engage children ages 3-12 with art and science activities.
- Explore and experiment with other drop-in programming for other age groups or special needs children.

## ***Through drop-in programs like these we are also able to promote our other events and educational initiatives, as well as enhance the visitor experience***

- **Scout Programs**

- Build on current Scout Badge Days to include Boy Scouts and other age groups.
- Build on Scout Sleep Over programs to include Boy Scout events for a range of age groups.

- **Volunteer and Community Service**

- Utilize Scout and educational initiatives to make available community service opportunities thereby fostering a future volunteer force that Pinecrest Gardens has not been successful growing in the past.

**Expand and Enhance Educational Programming in the fields of Art, Horticulture, and environmental sciences for children on the autism spectrum and other special needs populations.**

- **Sensory Gardens Improvements**

- The Sensory Garden is an ever changing destination that will continually be edited to ensure that the horticultural design and plantings pertain to current programming.
- The Sensory Garden will always feature sensory friendly plantings including plants that appeal to all senses including scent, sight, sound, touch, and taste.

- **Sensory Friendly Field Trips**

- Create field trip lesson plans tailored to accommodate those with any type of disability.
- Include visits to the Sensory Garden in field trip programming where children can interact with the plants in a safe manner.
- Build on the partnership with Miami-Dade County Curriculum Support Specialists for specialized art Field trips for special needs.
- Education Coordinator will continue to sit on the All Kids Included Steering Committee- Providing direction and support to decisions affecting the All Kids Included organization.
- Education Coordinator will continue to sit on the Youth Arts Miami Grant Panel providing support and aiding in deciphering which arts-based special needs programs receive funding through Miami-Dade County Cultural Affairs.

- **All Kids Included Arts for Wellness Festival:**

- Pinecrest Gardens will continue to partner with Miami-Dade Cultural Affairs' AKI hosting the Arts for Wellness Festival.





# CULTURAL GOALS

## **Performing and Visual Arts**

- Continue to identify and attract large scale, monumental exhibits to increase visitorship.
- Nurture and grow the relationship with Xavier Cortada identifying areas in the garden where permanent art installations might be considered.
- Foster relationships with local, national and international artists for monumental art installation opportunities.
- Through strategic Public Relation initiatives targeted to art galleries (local and otherwise) and Art Basel artists and patrons, increase awareness of Pinecrest Gardens to the artist community inspiring new artistic talent to come forward with interest in hosting gallery exhibits at Pinecrest Gardens.
- Seek out new strategic partnerships with local and national performing arts organizations to improve the quality of our performances.

## **All-Inclusive cultural experiences**

- Expand sensory-friendly performances to include music and adult theater.
- Expand performing arts program to add all-inclusive dance and movement programs and performances.
- Build on the partnership with VSAFL providing all-inclusive art classes two to three times a year.





# OTHER KEY STRATEGIC GOALS

## **Capital:**

- Replace all paths to ADA standards.
- Replace current playground equipment with All-Inclusive playground elements and improve accessibility into the area.
- New Housing for Petting Zoo Animals
- Replace playground restrooms with ADA standards.
- Complete lower garden lighting project.

## **Miscellaneous:**

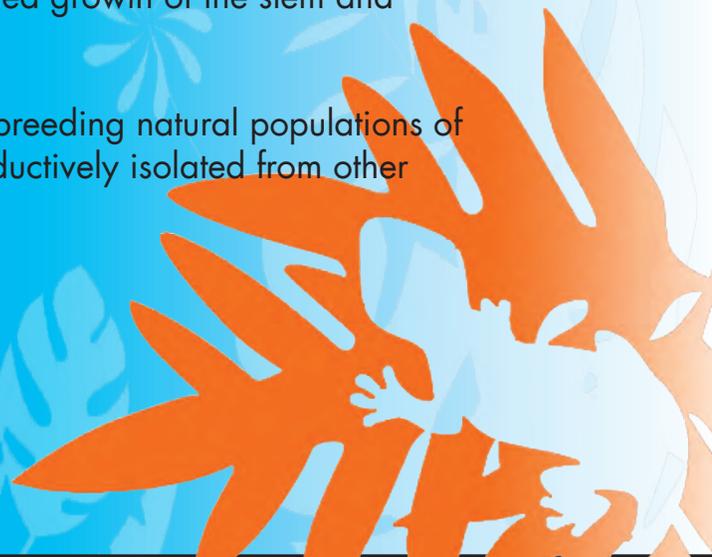
- Implement amplified visitor input initiatives that will include surveys and other mechanisms designed to monitor and track our visitors experiences.
- Identify new opportunities for corporate sponsors that include, but are not limited to the underwriting of monumental art exhibits and music, dance and theatrical performances.
- Continue to nurture relationships with major foundations that extend grants to government entities by finding new and fresh program opportunities for funding consideration.
- Pursue high net worth and ultra-high net worth individuals to visit the gardens for personal guided tours and explore opportunities for bequeathals, major gifts and other philanthropic giving.
- Develop a comprehensive volunteer program.





# MASTER PLAN 2017-2022 GLOSSARY

Aroid	A plant in the family Araceae, such as philodendron, taro, elephant ears, etc.
Asymptomatic	Showing no symptoms.
Cultivar	A form of plant originating under cultivation.
Epiphyte	A plant that grows harmlessly upon another plant (like a tree) and derives its moisture and nutrients from the air, rain, and debris accumulating around it.
Exotic	A plant that is not native to the region.
Native	A plant species that has developed over hundreds or thousands of years in a particular region or ecosystem.
Naturalized	An exotic plant that does not need human help to reproduce and maintain itself over time in an area where it is not native.
Paddock	A small enclosure for horses, and by extension, for other hooved farm animals.
Pest Species	A plant or animal species that is not native to a specific location (an introduced species), and which has a tendency to spread to a degree believed to cause damage to the environment, human economy or human health.
Self-heading	Having a pattern of restrained growth of the stem and growing point; not vining.
Species	A group of potentially interbreeding natural populations of organisms which are reproductively isolated from other such groups.
Xeric	A dry environment.



# MASTERPLAN HORTICULTURE TIMELINE

AREA	2017-18	2018-19	2019-20	2020-21	2021-22
PARKING LOT	1. Remove palms in or near Ficus.	1.Thin weedy trees along back of Colonnade. 2. Replant with natives and non-invasive exotics.			
RED/KILLIAN	No action.	Initiate Historic Entrance plantings redesign process.	Begin planting.	Continue planting.	Design completion.
SENSORY GARDEN/ WHILDEN-CARRIER COTTAGE	No action.	Initiate native planting design. Begin planting.	Continue and complete native planting.		
BUTTERFLY/ PLAYGROUND /ZOO	1. Adjustment of shade-house plantings, \$500 RP	Continue adjustment of shade-house plantings. Replacement of animal shelters and paddock expansion.			
NURSERY	1. Trimming of west driveway Plantings.	Ongoing trimming of driveway plantings.	Ongoing trimming of driveway plantings.	Ongoing trimming of driveway plantings.	Ongoing trimming of driveway plantings.

ER=EXOTIC VINE AND TREE REMOVAL. TT= TREE TRIMMING OR REMOVAL. RP=REPLACEMENT PLANTING

AREA	2017-18	2018-19	2019-20	2020-21	2021-22
SWAN LAKE	<p>1. Elimination of invasive vines and trees, \$1,500 ER</p> <p>2. Installation of non-invasive barrier plantings, \$3,100 RP</p> <p>3. Elimination of staples &amp; tree ties.</p> <p>4. Dredging of lake sump.</p>	<p>1. Hydraulic dredging of lake sump.</p> <p>Ongoing invasive species removal.</p> <p>Ongoing barrier planting.</p>	<p>Ongoing invasive species removal.</p> <p>Ongoing barrier planting.</p>	<p>Ongoing invasive species removal.</p> <p>Ongoing barrier planting.</p>	<p>Ongoing invasive species removal.</p> <p>Ongoing barrier planting.</p>
LAKE GARDEN	<p>1. Removal, burial, or masking of irrigation components.</p> <p>2. Terraces realignment..</p> <p>3. Planting redesign.</p>	<p>1. Rebuilding of planters.</p>			
LAKEVIEW TERRACE/ MEADOW GARDEN	<p>1. Removal of unnecessary irrigation components, \$6,860</p> <p>2. Removal of inappropriate plantings.</p> <p>3. Installation of new plantings, \$500 RP</p>				

# MASTERPLAN HORTICULTURE TIMELINE

AREA	2017-18	2018-19	2019-20	2020-21	2021-22
MEADOW	Removal of invasive vines and trees, \$800 ER	Ongoing invasive species removal.	Ongoing invasive species removal.	Ongoing invasive species removal.	Ongoing invasive species removal.
COLONNADE /AVIARY	1. Removal of invasive vines and trees, \$800 ER 2. Canopy pruning to reduce shading, \$800 TT 3. Additional select croton planting, \$500 RP	Ongoing invasive vine and tree removal.	Ongoing invasive vine and tree removal.	Ongoing invasive vine and tree removal.	Ongoing invasive vine and tree removal.
PATIO GARDEN	1. Removal of invasive vines and trees, \$1,300 ER 2. Adjustment of planting selection to better suit the sub-canopy environment, \$1,500 RP	1. Ongoing invasive species removal. 2.Planting adjustment.	Ongoing invasive vine and tree removal.	Ongoing invasive vine and tree removal.	Ongoing invasive vine and tree removal.
BANYAN AREA	1. Removal of staples and constricting ties. 2. Removal and replacement of basal vine plantings, \$1,500 RP	1. Ongoing Banyan treatment. 2. Completion of planting removals re-plantings.	Ongoing Banyan treatment	Ongoing Banyan treatment	Ongoing Banyan treatment

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AREA	2017-18	2018-19	2019-20	2020-21	2021-22
BANYAN BOWL	No action.	1. Pruning of tree canopy along walkways. 2. Additional planting of shade tolerant species.	Ongoing planting.		
ENTRANCE	1. Replanting of beds with shorter, more suitable species, \$500 RP				
TROPICAL HARDWOOD HAMMOCK	1. Removal of invasives, \$6,500 ER 2. Tree canopy pruning, \$11250 TT 3. Thinning, replanting, & replacement of exotics & groundcovers, \$2,000 RP 4. Irrigation adjustment \$12,690	Initiate Caribbean Garden redesign.	Continue Caribbean Garden redesign.	Completion of Caribbean Garden redesign.	
SPLASH 'N PLAY	Removal of invasive trees and vines, \$800 TT	Ongoing invasive plant removal.	Ongoing invasive plant removal.	Ongoing invasive plant removal.	Ongoing invasive plant removal.

# MASTERPLAN HORTICULTURE TIMELINE

AREA	2017-18	2018-19	2019-20	2020-21	2021-22
LOW GARDENS NORTH	1. Removal of invasive trees & vines, \$9,500 TT 2. Pruning of tree canopy, \$6,000 TT 3. Selective thinning of exotic plantings. 4. Hand dredging of ponds, \$1,300 5. Elimination of Bay Snook.	1. Alligator pit planting. Ongoing invasive plant removals. Ongoing thinning of exotic plantings.	Completion of alligator pit planting. Ongoing invasive plant removal. Ongoing thinning of exotic plantings.	Ongoing invasive plant removal. Ongoing thinning of exotic plantings.	Ongoing invasive plant removal. Ongoing thinning of exotic plantings.
LOW GARDENS SOUTH	1. Removal of invasive trees & vines, \$9,500 ER 2. Pruning of tree canopy, \$6,000 TT 3. Selective thinning of exotic plantings. 4. Hand dredging of ponds, \$1,300	1. Hand dredging of ponds, \$1300 Ongoing invasive plant removal. Ongoing thinning of exotic plantings. Elimination of Bay Snook.	Ongoing invasive plant removal. Ongoing thinning of exotic plantings.	Ongoing invasive plant removal. Ongoing thinning of exotic plantings.	Ongoing invasive plant removal. Ongoing thinning of exotic plantings.
PUMP HOUSE	Invasive vine and tree removal.	Continue invasive vine and tree removal. Expansion of paddock area.	Continue invasive vine and tree removal.	Continue invasive vine and tree removal.	Continue invasive vine and tree removal.

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**PINECREST  
GARDENS**

**Village Council**

Joseph M. Corradino, Mayor  
Doug Kraft, Vice Mayor  
Anna Hochkammer  
Cheri Ball  
James E. McDonald

Yocelyn Galiano, ICMA-CM, Village Manager  
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