

To: Members, Ulumay Wildlife Sanctuary Project  
From: Paula J. Moye, Marine Resources Council  
Date: August 13, 1992  
Re: Committee Meeting, August 12, 1992, Kiwanis Island Park

ULUMAY WILDLIFE SANCTUARY PROJECT

Members present:

Stan Allen, Merritt Island Council of Homeowners

~~Willie Angel, Florida Trails Association~~

Diane D. Barile, Marine Resources Council

Susan Bird, Indian River Audubon Society

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Jennifer Bruckler  
Florida Native Plant Society  
4010 Barr Court  
Titusville, FL 32796 (407) 268-0690

Don Devitt, Indian River Audubon Society

\*

Sharon & Brent Dolan  
Maple Street Natives  
485 Maple Street  
West Melbourne, FL 32904 (407) 729-6857

Kent E. Hanson, Brevard County Parks and Recreation

Paula J. Moye, Marine Resources Council

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Daniel Sawyer (new member, not present at meeting)  
Florida Native Plant Society  
1700 Sandy Drive  
Merritt Island, FL 32952 (407) 452-8598

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D. Scott Taylor, Environmental Research Specialist  
Brevard County Mosquito Control District  
2870 Greenbrook Street  
Palm Bay, FL 32905 (407) 952-6322

Kim Zarillo, Florida Native Plant Society

\* New additions to your list of members.

The Ulumay Sanctuary Committee has chosen September 2nd as a preliminary work day. This will be a dry run, to work out any problems we may have with logistics. All committee members are encouraged to participate. Committee members will act as a "sample team", identifying vegetation, cutting, wicking, and clearing pepper trees.

The BIG WORK DAY is now scheduled for October 24th, so mark your calendars, and notify volunteers in your organizations who wish to participate. This is THE day when teams of workers will combine their efforts to remove the exotic vegetation from Ulumay.

ON THE BIG DAY: The committee members decided to divide the mile and a half of berm into 12 to 15 sections, each section will be assigned to a team of workers. On the "work day" each team will be responsible for clearing their own section. Teams could come from many different sources, such as MRC, Audubon, Florida Trails, Brevard County Natural Resources, United Way, Sierra Club, Canaveral Port Authority, BCC, FIT, Merritt Island Council of Homeowners, and large corporations such as Florida Today. Staff members will wear bright hats or shirts, run the operations tent, and supervise activities.

Each team will have a team leader, plant supervisor, tree cutter, herbicide applier, branch haulers, and a "gopher". It has been suggested that each organization have two teams, one for morning, one for the afternoon.

We will have refreshments available, and will try to have someone available to service the chain saws on "work day".

Margaret Hames, Willie Angel, Kim Zarillo and Sharon Dolan have prepared a checklist on vegetation, and made recommendations for the east and west levees. Their recommendations will be used to prepare a grant proposal. A copy of this list is enclosed.

DER does not require us to apply for a permit, nor does DNR. For sources of mangrove seeds, DNR will allow seeds to be collected from the water or the shoreline. Red mangroves are viable for a year after falling into the water, and are available now. We cannot clip mangrove seeds from mangroves in aquatic preserves.

AS FOLLOW UP: It was suggested the committee meet every two months, with a representative from each team in attendance. This will be to monitor the success of the removal of the brazilian pepper trees, to insure they do not continue to intrude on the shoreline. The trees may require several applications of herbicide before they are successfully eliminated.

For added manpower for follow up it was suggested we request eagle scouts to participate, and possibly prisoners for maintenance.

ACTION ITEMS:

Herbicides	
Herbicide applicators (licensed if required)	Kent Hanson
Liability release	MRC
Refreshments	MRC
Mangrove propagation	Brian Thomas
Electric golf carts	MRC
Chain saw maintenance	Diane Fleming
Western Waste Management	Stan Allen
Grant Application	MRC

WEST  
ULUMAY ~~EAST~~ LEVEE

CHECKLIST OF THE FLORAL TAXA

AUGUST 1992

Submitted by: The Conradina Chapter of FNPS/Margaret Hames, Willie Angel, Kim Zarillo & Sharon Dolan

SCIENTIFIC NAME	COMMON NAME	STATUS
<i>Acrostichum danaeifolium</i>	Giant Leather Fern	FDA=T
<i>Baccharis glomeruliflora</i>	Groundsel tree	
<i>Baccharis halimifolia</i>	Saltbush	
<i>Batis maritima</i>	Saltwort	
<i>Borrich frutescens</i>	Sea Oxeye daisy	
<i>Callicarpa americana</i>	Beautyberry	
<i>Cephalanthus occidentalis</i>	Buttonbush	
<i>Conocarpus erectus</i>	Buttonwood	
<i>Cyperus odoratus</i>	Sedge	
<i>Distichlis spicata</i>	Saltgrass	
<i>Eustoma exaltatum</i>	Seaside Gentian	
<i>Forestiera segregata</i>	Florida privet	
<i>Heliotropium angiospermum</i>	Scorpion-tail	
<i>Heliotropium curvassavicum</i>	Seaside Heliotrope	
<i>Iva frutescens</i>	Marsh elder	
<i>Juniperus silicicola</i>	Southern red cedar	
<i>Kalanchoe daigremontiana</i>	Devil's backbone	Exotic
<i>Kosteletzkya virginica</i>	Saltmarsh Mallow	
<i>Laguncularia racemosa</i>	White mangrove	F.S.
<i>Lantana involucrata</i>	Lantana	
<i>Lantana camara</i>	Shrub verbena	
<i>Lycium carolinianum</i>	Christmas berry	
<i>Oenothera humifusa</i>	Seaside evening primrose	
<i>Opuntia stricta</i>	Prickly pear	FDA=T, CITIES=II
<i>Parthenocissus quinquefolia</i>	Virginia creeper	
<i>Passiflora suberosa</i>	Corky-stemmed passionflower	
<i>Pluchea camphorata</i>	Marsh fleabane	
<i>Poinsettia cyathophora</i>	Painted leaf	
<i>Sabal palmetto</i>	Cabbage palm	
<i>Salicornia bigelowii</i>	Annual glasswort	
<i>Schinus terebinthifolius</i>	Brazilian pepper	Exotic
<i>Solanum nigrescens</i>	Black nightshade	
<i>Zanthoxylum clava-hercules</i>	Hercules Club	

RECOMMENDATIONS

1. Remove all exotics
2. Preserve all existing native species.
3. Revegetate levee with dominant native species:
 

<i>Lantana involucrata</i>	<i>Distichlis spicata</i>	<i>Iva frutescens</i>
<i>Borrichia frutescens</i>	<i>Juniperus silicicola</i>	
<i>Conocarpus erectus</i>	<i>Sabal Palmetto</i>	
4. Revegetate down slope with dominant native species:
 

<i>Salicornia bigelowii</i>	<i>Batis maritima</i>
<i>Mangrove spp.</i>	<i>Acrostichum danaeifolium</i>

ULUMAY-WEST LEVEE (continued)

CHECKLIST OF THE FLORAL TAXA

AUGUST 1992

SCIENTIFIC NAME	COMMON NAME	STATUS
<i>Smilax auriculata</i>	Greenbriar	
<i>Solanum nigrescens</i>	Black nightshade	
<i>Sida acuta</i>	Sida (unnamed)	
<i>Solidago sempervirens</i>	Goldenrod	
<i>Suaeda linearis</i>	Sea blite	
<i>Sesuvium portulacastrum</i>	Sea purselane	
<i>Tillandsia recurvata</i>	Ball moss	
<i>Urena lobata</i>	Caesar weed	
<i>Vigna luteola</i>	Cow pea	
<i>Vitis munsoniana</i>	Muscadine	
<i>Yucca aloifolia</i>	Spanish bayonet	
<i>Zanthoxylum</i> <i>clava-hercules</i>	Hercule's club	

RECOMMENDATIONS

1. Remove all exotics
2. Preserve all existing native species.
3. Revegetate levee with dominant native species:
  - Borrichia frutescens*    *Forestiera segregata*
  - Iva frutescens*        *Lycium carolinianum*
4. Revegetate down slope with dominant native species:
  - Salicornia bigelowii*    *Batis maritima*
  - Mangrove spp.            *Suaeda linearis*

ULUMAY EAST LEVEE

CHECKLIST OF THE FLORAL TAXA

AUGUST 1992

Submitted by: The Conradina Chapter of FNPS/Margaret Hames, Willie Angel, Kim Zarillo & Sharon Dolan

SCIENTIFIC NAME	COMMON NAME	STATUS
Acrostichum danaeifolium	Giant Leather Fern	FDA=T
Baccharis glomeruliflora	Groundsel tree	
Baccharis halimifolia	Saltbush	
Batis maritima	Saltwort	
Borrich frutescens	Sea Oxeye daisy	
Callicarpa americana	Beautyberry	
Cephalanthus occidentalis	Buttonbush	
Conocarpus erectus	Buttonwood	
Cyperus odoratus	Sedge	
Distichlis spicta	Saltgrass	
Eustoma exaltatum	Seaside Gentian	
Forestiera segregata	Florida privet	
Heliotropium angiospermum	Scorpion-tail	
Heliotropium curvassavicum	Seaside Heliotrope	
Iva frutescens	Marsh elder	
Juniperus silicicola	Southern red cedar	
Kalanchoe daigremontiana	Devil's backbone	Exotic
Kosteletzkya virginica	Saltmarsh Mallow	
Laguncularia racemosa	White mangrove	F.S.
Lantana involucrata	Lantana	
Lantana camara	Shrub verbena	
Lycium carolinianum	Christmas berry	
Oenothera humifusa	Seaside evening primrose	
Opuntia stricta	Prickly pear	FDA=T, CITIES=II
Parthenocissus quinquefolia	Virginia creeper	
Passiflora suberosa	Corky-stemed passionflower	
Pluchea camphorata	Marsh fleabane	
Poinsettia cyathophora	Painted leaf	
Sabal palmetto	Cabbage palm	
Salicornia bigelowii	Annual glasswort	
Schinus terebinthifolius	Brazilian pepper	Exotic
Solanum nigrescens	Black nightshade	
Zanthoxylum clava-hercules	Hercule's Club	

RECOMMENDATIONS

1. Remove all exotics
2. Preserve all existing native species.
3. Revegetate levee with dominant native species:
 

Lantana involucrata	Distichlis spicta	Iva frutescens
Borrichia frutescens	Juniperus silicicola	
Conocarpus erectus	Sabal Palmetto	
4. Revegetate down slope with dominant native species:
 

Salicornia bigelowii	Batis maritima
Mangrove spp.	Acrostichum danaeifolium

ULUMAY WILDLIFE SANCTUARY PROJECT  
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8/92

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