PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS

6A-1

BOARD APPOINTMENT SUMMARY

Meeting Date: October 16, 2007

Department:

Environmental Resources Management

Advisory Board:

Natural Areas Management Advisory Committee

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends a motion to approve the re-appointment of Russ Ruskay to Seat 4, Representative of a local municipal government public recreation program and the appointment of one (1) of the two (2) nominees for Seat 7, Citizen of Palm Beach County having an interest in natural areas, to the Natural Areas Management Advisory Committee (NAMAC), for a three year term beginning on November 1, 2007 and extending through October 31, 2010.

Nominee Russ Ruskay	Representing Local Municipal Government	Seat	Nominated by Commissioner Addie L. Greene
,	Public Recreation Program	4	Commissioner John F. Koons Commissioner Karen T. Marcus
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Dr. Ann Cox	Citizen of Palm Beach County Having an interest in Natural Areas	7	Commissioner Mary McCarty
		OR	
Andre Cadogan	Citizen of Palm Beach County		Commissioner John F. Koons
	Having an interest in Natural Areas	7	Commissioner Karen T. Marcus
		OR	
Elisabeth Hoffman	Citizen of Palm Beach County Having an interest in Natural Areas	7	Commissioner Addie L. Greene

Summary: On August 16, 1994, the Board of County Commissioners adopted Resolution No. 94-1051, which established a Natural Areas Management Advisory Committee (NAMAC) with seven (7) at-large members. The composition of the Committee shall be as follows: One (1) member with experience in the management of natural areas, one (1) biological scientist, one (1) professional educator with knowledge of South Florida ecosystems, one (1) representative of a local municipal government public recreation program, one (1) member of the Palm Beach County Parks and recreation Department staff, one (1) citizen having an interest in natural areas, and one (1) member of the County's Environmentally Sensitive Lands Acquisition Selection Committee (ESLASC), for as long as this committee is in existence. Upon sunset of ESLASC, this position shall be filled thereafter by a citizen with an interest in natural areas. A memorandum from Environmental Resources Management (ERM) was sent to the Board of County Commissioners on August 6, 2007 advising that the term for two seats on the Committee were up for re-appointment. Russ Ruskay expressed a willingness to continue the duties of Seat 4 for another term. Elisabeth Hoffman expressed a willingness to continue the duties of Seat 7 for another term and two other individuals expressed their willingness to serve on the Committee and assume the duties of Seat 7 as well. All of the nominees meet the necessary requirements. Countywide (SF)

(Continued on page 2)

Attachments:

- 1. Memorandum to Board of County Commissioners
- 2. Nomination forms
- 3. Nominee resumes
- 4. Current membership list
- 5. Resolution establishing Committee

Recommended by: Pulce Swally 9/12/07
Department Director Date

Legal Sufficiency: 9/17/07
Assistant County Attorney Date

(Continued from page 1)

Background and Justification: The Board of County Commissioners determined that it is in the best interest of the citizens of Palm Beach County that a Natural Areas Management Advisory Committee be formed to evaluate and comment on staff-developed management plans. The purpose therefore, of the Advisory Committee, is to review staff-developed management plans with a specific focus on public uses of the site, and to make recommendations to staff on possible changes with final approval by the Board of County Commissioners.

Attachment 1

INTERDEPARTMENTAL MEMORANDUM Palm Beach County Environmental Resources Management

DATE:

August 6, 2007

TO:

Commissioner Addie L. Greene, Chairperson

and Members of the Board of County Commissioners

FROM:

Richard E. Walesky, Director

Environmental Resources Management

SUBJECT:

APPOINTMENTS TO THE NATURAL AREAS MANAGEMENT ADVISORY

COMMITTEE (NAMAC)

The term for two (2) positions on the Natural Areas Management Advisory Committee (NAMAC) will expire on October 31, 2007. Ms. Elisabeth Hoffman currently serves in Seat 7 as a citizen representative and Mr. Russ Ruskay currently serves in Seat 4 as a representative of a municipal parks department. Both have indicated a willingness to serve another term.

ERM has also received two (2) resumes from citizens who have expressed an interest in serving in Seat 7 as a citizen representative on NAMAC: Anne C. Cox, Ph. D. and Andre Cadogan, M.E., P.E. If there is another citizen that you and the Commissioners would like to recommend to serve in Seat 7 of NAMAC, please feel free to nominate them. We request that you nominate only one (1) candidate for Seat 7: Elisabeth Hoffman, Anne Cox, Andre Cadogan or a candidate of your choice. Mr. Ruskay is ERM's only candidate for Seat 4. If there is another representative of a municipal parks department that you and the Commissioners would like to recommend to serve in Seat 4 of NAMAC, please feel free to nominate them. ERM staff requests that you nominate only one (1) person per seat.

Please be advised that the resolution establishing the NAMAC states that NAMAC shall consist of: One (1) member with experience in the management of natural areas; One (1) biological scientist; One (1) professional educator with knowledge of South Florida ecosystems; One (1) representative of a local municipal government public recreation program; One (1) member of the Palm Beach County Parks and Recreation Department staff; One (1) citizen having an interest in natural areas; and One (1) member of the County's Conservation Lands Acquisition Selection Committee (CLASC), for as long as this committee is in existence. Upon sunset of CLASC, this position shall be filled thereafter by a citizen with an interest in natural areas.

The following items are attached: a re-nomination form for each of the current NAMAC representatives, a current resume for Ms. Hoffman, NAMAC attendance records for 2007, nomination forms for the two (2) parties interested in Seat 7, their resumes, and a copy of the resolution establishing NAMAC. Staff respectfully requests that the Commissioners sign a nomination form for each seat and return them to David Gillings of our department by August 31, 2007. If you have any questions regarding these re-nominations or nominations, please do not hesitate to contact me at 233-2400 or David Gillings at 233-2477.

REW: DKG: DWO Attachments (3)

cc: (wi

(without attachments)

R. Weisman, County Administrator

Shannon Fox, Esq., Assistant County Attorney Sandra Smith, Senior Secretary, Administration

Part I:

Board Name: NATURA	AL AREAS MANAGEM	ENT ADVISORY C	OMMITTEE
[X] At Large Ap	pointment or	[] Distric	t Appointment
Term of Appointment:	Years. I	From: <u>11/1/2007</u>	To: 10/31/2010
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•	ANT, UNLESS EXEMP	TED, MUST BE A C	COUNTY RESIDENT
Name: Ruskay		Russ	Middle
	Last	First	Middle
Occupation/Affiliation:	Director of Parks & Rec	creation	
Business Name:	Town of Jupiter		
Durings Address	210 N Military Trail		
Business Address:	Jupiter, FL		33458
City & State		Zi	p Code:
Residence Address:	6000 Our Robbies Road	i	
	Jupiter, FL		33458
City & State		Z:	p Code:
Home Phone: ()		Business Phone:	() 746-5134
Cell Phone: ()	308-1068	Fax:	()
Email Address:			
Mailing Address prefer	rence: [X] Business Add	ress [] Residence	
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Pursuant to Florida's Public Records Law, this document may be reviewed and photocopied by members of the public.

Part I:

Board Name: NATUR	AL AREAS MAN	AGEMENT A	DVISORY CO	OMMITTEE	
[X] At Large Ap	pointment	or	[] District	Appointment	
Term of Appointment:	3 Years.	From:	11/1/2007	To: <u>10/</u>	31/2010
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or [] to complete term of Completion of term to expire on:	the		Due to:	[] resignation	on [] other
Part II: APPLIC	ANT, UNLESS EX	XEMPTED, M	IUST BE A CO	OUNTY RESID	ENT
Name: Ruskay		Russ	,		,
	Last		First		Middle
Occupation/Affiliation:	Director of Parks	& Recreation	l		
Business Name:	Town of Jupiter			•	
Business Address:	210 N Military T	rail			
	Jupiter, FL			334	58
City & State			Zip	Code:	
Residence Address:	6000 Our Robbie	es Road			
City & State	Jupiter, FL		Zip	Code:	58
Home Phone: ()		Busi	ness Phone:	() 746-5134	
Cell Phone: ()	308-1068	Fax:		()	
Email Address:				— <u>1</u>	
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Part I:

Board Name: NATURA	AL AREAS MANAGEME	ENT ADVISORY COMM	IITTEE
[X] At Large Ap	pointment or	[] District Appo	ointment
Term of Appointment:	Years. Fi	rom: 11/1/2007	To: <u>10/31/2010</u>
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or [] to complete t	he	Due [] to:	resignation [] other
Completion of term to expire on:	· · · · · · · · · · · · · · · · · · ·		
Part II: APPLICA	ANT, UNLESS EXEMPT	ED, MUST BE A COUN	TY RESIDENT
Name: Ruskay		Russ	
	Last	First	Middle
Occupation/Affiliation:	Director of Parks & Recr	eation	
Business Name:	Town of Jupiter		
Business Address:	210 N Military Trail		
City & State	Jupiter, FL	Zip Cod	33458 e:
Residence Address:	6000 Our Robbies Road		
City & State	Jupiter, FL	Zip Cod	33458 e:
Home Phone: ()	· .	Business Phone: ()	746-5134
Cell Phone: ()	308-1068	Fax: ())
Email Address:			
Mailing Address prefer	ence: [X] Business Addre	ss [] Residence	
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_	ANT, UNLESS EX	XEMPTED, M	UST BE A	- COUNT	Y RESIDEN	T
Name: Cox		Anı			С	
	Last	PAID	First			iddle
Occupation/Affiliation: Business Name: Business Address:	President Environmental C Ecolo-G, Inc. 431 Jupiter Lake					
	Jupiter, FL		<u> </u>	· · · · · · · · · · · · · · · · · · ·	33458	
City & State			Z	ip Code		
Residence Address: City & State			Zi	ip Code:		
Home Phone:)	Busin	ess Phone:	(561	744-9531	Ext.
Cell Phone:)	Fax:		()	, <u>, , , , , , , , , , , , , , , , , , </u>	
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Name: Cadogan		Andre		
	Last	First	ı	Middle
Occupation/Affiliation:	Government Affairs			
Business Name:	Keith and Schnars, P. A.			
	6500 North Andrews Ave	enué		· · · · · · · · · · · · · · · · · · ·
Business Address:	Ft. Lauderdale, FL		33309	<u> </u>
City & State		Zi	p Code:	
Residence Address:	3047 Waddell Avenue		£ .	
City & State	West Palm Beach, FL	Zi	33411 p Code:	7/19/2
Home Phone: (50	61)632-8512	Business Phone:	(954) 776-1616	Ext.
Cell Phone: (56	51)632-8512	Fax:	()	
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Name: Cadogan		Andre	COUNTI RESIDENT	
- Cudogan	Last	First	Middle	
Occupation/Affiliation:	Government Affairs			
Business Name:	Keith and Schnars, P.	A.		_
,	6500 North Andrews	Avenue		
Business Address:	Ft. Lauderdale, FL		33309	
City & State		Zi	p Code:	_
Residence Address:	3047 Waddell Avenue			
City & State	West Palm Beach, FL		33411 p Code:	_
Home Phone: (50	61)632-8512	Business Phone:	(954) 776-1616 Ext.	_
Cell Phone: (50	61)632-8512	Fax:	()	_
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Name: Hoffman			Elisat	eth				
	Last		* **	First		N	⁄liddle	_
Occupation/Affiliation:	Office Manager							
Business Name:	Global Tower Pa	artners						_
Business Address:	1801 Clint Moor	re Road,	Ste 110					_
City & State	Boca Raton, FL			Zi	p Code:	33487		_
Residence Address:	4307 NW 5 th Av	enue						
City & State	Boca Raton, FL			Zi	p Code:	33431		
Home Phone: (5	61)395-8566		_ Busin	ess Phone:	(561) 886-5889	Ext.	
Cell Phone: (5	61)632-8512		_ Fax:		()			_
Email Address:								
Mailing Address prefer	ence: [] Business	Addres	ss [X]	Residence				
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Anne C. Cox, Ph.D. 431 Jupiter Lakes Blvd. #2104A Jupiter, FL 33458 561) 744-9531 Office (561) 744-4888 Fax ecologinc@bellsouth.net

EDUCATION

- Florida International University (Miami, FL) December 1998, Ph.D. Biology
- Florida Atlantic University (Boca Raton, FL) April 1982, M.S. Biology
- Florida Atlantic University (Boca Raton, FL) August 1982, B.S. Biology

PROFESSIONAL EXPERIENCE

- Plant Ecologist. Ecolo-G, Inc. President, Environmental Consulting and Restoration, 2004 present.

 Jupiter, FL. Ecolo-G, Inc. is a private woman-owned corporation committed to providing quality services in environmental consulting, ecological research, habitat restoration and ecotourism. Incorporated in 2004, ecolo~G, Inc. specializes in federal and state listed species surveys, native and non-native plant identification, vegetation assessments and habitat management. Ecolo-G, Inc. provides a range of ecological services including field research, environmental project management, and technical report writing.
- Plant Ecologist. Florida Department of Agriculture and Consumer Services, 2001 2004. Division of Forestry Plant Ecologist for the Lake Wales Ridge State Forest
- Biological Scientist. University of Florida. Native Sandhill Species Revegetation, 1999-2001. Techniques for the Florida Department of Transportation at The Nature Conservancy's Apalachicola Bluffs and Ravines Preserve.

RECENT PROJECTS

- Vegetation Monitoring along The Northwest Fork Of The Loxahatchee River, Kitching Creek, Hobe Grove Ditch and Cypress Creek. South Florida Water Management District, 2006. Scope: vegetation surveys at new and existing monitoring sites in the river floodplain, electronic data storage, final data report and project close.
- Statewide Invasive Species Inventory and Targeted Ground Surveys for Invasive Exotic Plants in Florida. Florida Natural Areas Inventory. Scope: fieldwork on Conservation lands in southern and central Florida, including ground surveys and field verification of aerial survey location data for Florida Exotic Pest Plant Council's category I & II listed species, electronic data storage, mapping with ArcView. 2006-07.
- Conduct ecological restoration of natural communities and develop trail guide, maintenance and management plans for natural communities on 126 acre Conservation land. Consulting Plant Ecologist for the Mackay Gardens and Lakeside Preserve in the City of Lake Alfred, Fl. 2005-07.
- Continuing studies for genetic diversity and propagation of the endangered four-petal pawpaw, Asimina tetramera. Contract with Historic Bok Sanctuary, 2005-07.
- Status of the Florida Scrub Jay in Palm Beach County, 1988-2003: Analysis, Results, and Conclusions of the Late Dr. Grace Blanchard Iverson and Mr. John E. Gardner. Coalition of Wilderness Islands. 2004-07.
- Post-hurricane habitat and population status assessment for the endangered Four-petal pawpaw (Asimina tetramera) at Jonathan Dickinson State Park, Martin County, Florida. U.S. Fish And Wildlife Service, South Florida Ecological Services Office, 2005-06

PUBLICATIONS

- Cox, A. C., D. R. Gordon, J. L. Slapcinsky, G. S. Seamon. 2004. Understory restoration in longleaf pine sandhills. Natural Areas Journal 24(1): 4-14.
- Cox, A. C. 1998. Comparative Reproductive biology of two Florida pawpaws Asimina reticulata Chapman and Asimina tetramera Small. Ph.D. Dissertation. Florida International University, Miami, FL.
- Gordon, D. R., A. C. Cox, G. S. Seamon, J. L. Slapcinsky, and D. A. Jones. 2001. Native sandhill species revegetation techniques. Final Report to the Florida Department of Transportation BB-937, University of Florida, Gainesville, FL.
- Roberts, R. E., and A. C. Cox. 2000. Sand pine scrub vegetation response to two burning and two non-burning treatments. Pages 114-124 in K. Moser and C. F. Moser, editors. Fire and forest ecology: innovative silviculture and vegetation management. Tall Timbers Research Station, Tallahassee, FL.

PROFESSIONAL AFFILIATIONS

Southeast Florida Scrub Ecosystem Working Group, Listed Species Chair 2007
Florida Native Plant Society, Public Land Partners Committee, Chair 2004-05, member since 1990
Florida Exotic Pest Plant Council, 1990-2007
Coalition of Wilderness Islands, Scrub-jay Team Chair 2004-2007
Lake Wales Ridge Ecosystem Working Group, Listed Species Co-Chair 2001-04
Multi-species Recovery Implementation Team, USFWS, 2003-2004
South Florida Multi-species Recovery Team, USFWS, 1996-1999
Center for Plant Conservation, Florida Rare Plant Task Force, 1992-07
Natural Areas Association, 1994-2007

Florida Academy of Sciences 2004-2007

Toastmasters International, 1989-2006, Club 218 - VP Membership, 2006-07

Anne Cheney Cox, Ph.D.
Plant Ecologist
Ecolo-G, Inc.
431 Jupiter Lakes Blvd, #2104A
Jupiter, Fl, 33458
ecologinc@bellsouth.net
(561) 744-9531, (561) 744-4888 Fax

EDUCATION

Florida International University (Miami FL) Ph.D. December 1998 Department of Biology, Dr. Suzanne Koptur

1998

Florida Atlantic University (Boca Raton, FL) M.S. April 1988, B.S. August 1982 Department of Biology, Dr. Daniel F. Austin

1988 and 1982

PROFESSIONAL EXPERIENCE

Plant Ecologist. Ecolo-G, Inc. President, Environmental Consulting and Restoration, Jupiter FL

2006

- Conduct biological assessments of upland and wetland communities including GPS/GIS, photointerpretation and community mapping.
- Conduct quantitative ecological studies on native plant communities and provide innovative solutions for management.
- Conduct ecotourism programs in Florida native plant habitats.
- · Coordinate volunteer participation for listed species and native plant community projects.
- Design and implement objective driven monitoring and management projects.
- Design, implement and monitor restoration projects on degraded upland communities.
- Identify Federal and Florida listed and native plant species.
- Organize and conduct ecological workshops for governmental and private organizations.
- · Provide Power Point Presentations about Florida's listed species and native plant communities.
- Provide expertise in identification, monitoring, management and recovery of Federal and Florida listed plant species, including Asimina tetramera, a federally listed plant species in Martin and Palm Beach Counties.
- Teach native plant identification, monitoring protocol, data collection, compilation and analysis.
- Survey and map federal and state listed species using GPS/GIS technology.
- Write grants for native plant habitat and listed species protection.
- Write management plans, including the use of prescribed fire, based on ecological assessments.

 ${\bf Plant\ Ecologist.\ Florida\ Department\ of\ Agriculture\ and\ Consumer\ Services,}$ $2001\mbox{-}2004$

Division of Forestry. Plant Ecologist for the Lake Wales Ridge State Forest.

- Surveyed and mapped populations of 16 federally listed species at Lake Wales Ridge State Forest (LWRSF); updated GPS/GIS maps of populations (or individuals if n<100) of listed species.
- Developed and implemented demography projects (i.e. monitor tagged individuals) for at least four of eight listed species subject to Level 3 monitoring to determine management requirements.

Conducted and documented searches for populations of Ziziphus celata in likely habitat in Polk County; collaborated with members of the Ad Hoc recovery group by attending meetings and participating in planned activities to protect and enhance existing populations of Z. celata; implemented and documented establishment of experimental populations in appropriate habitat.

Developed and implemented Sandhill Restoration Project by establishing a pilot study and

revising existing monitoring protocol to track the success of the project.

Developed and implemented Scrub Maintenance Project by establishing and implementing a monitoring protocol to track the success of the application of high intensity prescribed fire to maintain habitat requirements of scrub endemics.

Implemented the Sand Pine Scrub Co-operative Research Project being conducted in collaboration with ecologists from the Department of Environmental Protection, Archbold

Biological Station and The Nature Conservancy.

Developed, in collaboration with other regional Conservation Area managers, a comprehensive GPS/GIS vegetation map and shared database for the Lake Wales Ridge; provide documentation of annual progress with a written report.

Trained and supervised staff and volunteers on plant identification and vegetation monitoring

techniques.

Produced annual reports detailing all progress and activities.

Biological Scientist. University of Florida. Native Sandhill Species Revegetation 1999-2001 Techniques for the Florida Department of Transportation at The Nature Conservancy's Apalachicola Bluffs and Ravines Preserve.

- Conducted research on sandhill groundcover methodology for restoration, including seed collection, sowing methods and evaluation criteria, and monitoring for different site preparation treatments.
- Investigated propagation of native plant species in shade house and in field conditions for proposed use on public rights-of way.
- Investigated the use of prescribed fire and mowing on native plant communities adjacent to highway clear zones.
- Trained and supervised staff and volunteers on plant identification and vegetation monitoring techniques.

Doctoral Candidate . Comparative Reproductive Biology of Two Florida pawpaws Asimina reticulata Chapman and Asimina tetramera Small.

1992-1998

U.S. Fish and Wildlife Service # 1448-0004-93-967. "Comparison of the Reproductive Biology of two Florida Pawpaws" to Florida International University (Dr. Suzanne Koptur, Principal Investigator). \$45,003.

1993-1996

Investigated differences in flowering and fruiting phenology between Asimina reticulata, a common endemic species, and Asimina tetramera, a federally endangered species.

Investigated seed germination, seedling recruitment and persistence; monitored plant life history and demography

Determined the pollination syndromes and identified common pollinators for Asimina reticulata and Asimina tetramera.

Investigated the effects of various management techniques on the reproductive biology of Asimina tetramera.

U.S. Fish and Wildlife Service # 1448-0004-94-9122. "Resource Management 1994-1997 of Scrub Listed Species" to Jonathan Dickinson State Park Interpretive Association (Anne C. Cox and Richard E. Roberts, Principal Investigators). \$46,065.

Conducted two non-burning and two burning treatments for resource management techniques in sand pine scrub habitat.

- Investigated the effects of management techniques on habitat structure and species composition.
- Analyzed the effects of management techniques on listed species.

Teaching Assistant. Florida International University, Miami, FL.

1993-1998

- Ecology Lab (PCB 3043 L) Fall 1995, Spring 1998.
- Ecology Lab Coordinator (PCB 3043 L) Fall 1996.
- Biology II Lab (BSC 1011 L) Spring 1993, Summer 1995.
- Human Biology (BSC 2023 L) Summer 1993.

Adjunct Faculty. Indian River Community College, Stuart, FL. General Biology (BSC 1010).

Fall 1998

Adjunct Faculty. Barry University School Of Adult and Continuing Education. 1992-1994
Principles of Tropical Plant Management in Bachelor of Professional Studies Degree Program.

Environmental Analyst. Palm Beach County Department of Environmental Resources Management, Division of Environmental Review and Natural Areas

1989-1992

• Coordinated Department involvement with the county Planning Division for the Comprehensive

Land Use Plan implementation process.

Coordinated Department involvement for Developments of Regional Impact (DRI). Reviewed Applications for developmental approval and sufficiency reviews for DRIs.

Performed site evaluations of native plant communities, implemented preserve management and species protection plans.

Censused and evaluated natural areas for the presence of listed species within county parks. Served as liaison for Parks and Recreation.

• Developed and coordinated implementation procedures for vegetation preservation and protection Section 7.5 of the Unified Land Development Code.

Served as Department representative to the South Florida Wildland Fire Council and liaison with Department of Fire Rescue. Coordinated Department involvement in prescribed burn management.

 Provided technical assistance relating to native plant species, communities, and listed plant species to county departments, municipalities, various governmental agencies, consultants, and private individuals.

 Provided technical reports to Palm Beach County Airports for Listed Species and Management Prescribed Burning Program for proposed General Aviation Airport.

 Evaluated environmental impacts and coordinated reports for Department for proposed Florida Power and Light transmission line corridors.

Biologist. CZR, Incorporated, Jupiter, Florida

1987-1989

 Performed biological assessments of upland and wetland communities including photointerpretation and community mapping.

 Conducted water quality testing, wetland jurisdictional determinations and coordinated permitting with agencies.

 Provided technical reports for community assessments including recommendations for permitting and community enhancement. Designed mitigation, restoration, and monitoring plans.

Inventoried plant communities for rare, threatened, endangered, and species of special concern
categories for plant and animal species. Excavated and relocated gopher tortoises and related
commensal animals.

Masters student. Florida Atlantic University, Boca Raton, FL.

1983-1988

Distribution and Species Composition of Tree Islands in Martin and Palm Beach Counties.

Surveyed 36 tree islands for species composition and determined species area relationships according to MacArthur-Wilson theory of Island Biogeography.

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• Determined the percentage of species of tropical and temperate affinities in tree islands ranging from north to south and east to west.

Adjunct Faculty. Pine Jog Environmental Sciences Center Of Florida Atlantic University.

1982-1987

- Instructed classroom and field classes in terrestrial and aquatic ecology, beach dynamics, and estuarine productivity for elementary and secondary schools for contract programs of Palm Beach County School District?
- Coordinated fifth grade contract program, Palm Beach County School District. Program included development, organization, distribution of classroom and field program materials, scheduling, and teaching.
- Developed and revised high school beach dynamics and aquatic ecology programs.
- Planned and taught wetland field classes by canoe for students, teachers, and private organizations.
- Instructed American Red Cross small craft programs for adult education.
- Organized, developed, and conducted classes for continuing education programs and community organizations.

Summer Intern. Palm Beach County Planning Department

Summer 1986

• Identified existing land use in eastern Palm Beach County Comprehensive Land Use Plan

Supervisor of Youth Conservation Corps. U. S. Fish and Wildlife Service

Summer 1985

Supervised the control and eradication of exotic species in beach and scrub communities at Hobe Sound Wildlife Refuge, Hobe Sound, FL.

PUBLICATIONS

- Cox, A. C. D. R. Gordon, J. L. Slapcinsky, and G. S. Seamon. 2004. Understory restoration in longleaf pine sandhills. Natural Areas Journal 24(1): 4-14.
- Cox, A. C. 1998. Comparative Reproductive biology of two Florida pawpaws Asimina reticulata Chapman and Asimina tetramera Small. Ph.D. Dissertation. Florida International University, Miami, FL.
- Cox, A. C. 1998. *Pennisetum purpureum*, identification and biology of non-native plants in Florida's natural areas. K. A. Langland and K. C. Burks, eds. UF-IFAS Distribution, University of Florida, Gainesville, FL.
- Cox, A. C., D. R. Gordon, G. S. Seamon, and J. L. Slapcinsky 2004. Understory restoration in longleaf pine sandhills. Natural Areas Journal 24(1):4-14.
- Gettys, L., E. Duke, and A. C. Cox. 1995. Vegetative propagation of a native pawpaw Asimina tetramera. Proceedings of the Florida Horticulture Society:389-391.
- Gordon, D. R., A. C. Cox, G. S. Seamon, J. L. Slapcinsky, and D. A. Jones. 2001. Native sandhill species revegetation techniques. Final Report to the Florida Department of Transportation BB-937, University of Florida, Gainesville, Florida
- Roberts, D.R. and A.C. Cox. 2000. sand pine scrub vegetation response to two burning and non-burning treatments. Tall Timbers Fire Ecology Conference Proceedings 21:114-124.

SEMINARS PRESENTED

The Lake Wales Ridge State Forest. Presented to the Palm Beach County Native Plant Society. April 15, 2003.

Sandhill monitoring for vegetation characteristics. Presentation to Listed Species Committee of the Lake Wales Ridge Ecosystem Working Group at Tiger Creek Preserve, Babson Park. FL. January 22, 2002.

Florida's Native Pawpaws. Presented to the Florida Native Plant Society at the 22nd Annual Meeting in Tallahassee, FL. March 22, 2002

Comparisons of rosemary scrub, sand pine scrub, and sandhill vegetation before and after prescribed fire. Field Trip to Arbuckle Tract of LWRSF for the Florida Exotic Pest Plant Council Annual Meeting in Sebring, FL. September 17, 2002.

Monitoring methods in sandhill and scrub habitats in LWRSF. Presentation to Rare Plant Task Force Meeting at the Enchanted Forest in Cape Canaveral, FL. November 6, 2002.

Restoring Degraded Sandhill on the Lake Wales Ridge State Forest. Presented to The Citizen's Liaison Committee in Lake Wales FL. December 6, 2001..

Florida' Endangered Pawpaw, Asimina tetramera. Presentation to the South Florida Botanists Annual Meeting, Ft Lauderdale, FL April 13, 2002.

Sandhill Restoration on the Lake Wales Ridge State Forest. Presentation to the Division of Forestry, LWRSF Liaison Committee, Lake Wales, FL. April 11, 2002.

Groundcover species richness in sandhill restoration in northwest Florida. Twentieth Annual Conference of the Florida Native Plant Society. Miami, FL. May 2000.

Sandhill restoration in northwest Florida. Nineteenth Annual Conference of the Florida Native Plant Society in St. Augustine, FL. May 8, 1999.

Flowering and fruiting response of *Asimina tetramera* Small following resource management of mature sand pine scrub in southeast Florida. 24th Annual Natural Areas Conference and Exotic Pest Plant Conference, Portland Oregon. August 1997.

Response of Asimina tetramera Small to resource management techniques in mature sand pine scrub in Jonathan Dickinson State Park. First Annual Walt Dineen Society, FIU. North Miami, FL. April 1997.

Seedling banking, seed germination and seedling establishment in *Asimina reticulata*, a widespread Florida endemic and *Asimina tetramera*, an endangered Florida endemic at the American Institute of Biological Scientists Annual Meeting. Seattle, Washington. August 1996.

Seed germination of two Florida Pawpaws at the Annual Meeting of Florida Ecological and Evolutionary Symposium at Archbold Biological Station. Lake Placid, FL. May 1996.

Resource Management of an Endangered Florida Endemic Plant Species in Jonathan Dickinson State Park, at the Palm Beach County Native Plant Society Meeting. West Palm Beach, FL. January 1996.

Resource Management of Listed Species in Sand Pine Scrub Habitat, at the International Association of Wildland Fire & Endangered Species Conference. Coeur d'Alene, ID. November 1995.

Endangered Four-petal Pawpaw (Asimina tetramera) Response to Prescribed Burning. District 5, Florida Department of Environmental Protection. Hobe Sound, FL. September 1995.

Reproductive Biology of two Florida Pawpaws at the American Institute of Biological Scientists Annual Meeting. San Diego, California. August 1995.

Poster: Resource Management of Scrub Listed Species at the 21st Annual Natural Areas Association Conference. Palm Beach Gardens, FL. October 1994.

A Comparative Study of Two Florida Pawpaws presented to the south Florida Plant Biologists, Ft. Lauderdale, FL. April 1994, and to the Annual Meeting of the FL Native Plant Society. Cocoa Beach, FL. May 1994.

Field Studies in Guyana for Environmental Resources Management, Palm Beach County Chapter of Native Plant Society, and Treasure Coast Chapter of Florida Association of Environmental Professionals. Jupiter, FL. June 1992.

South Florida Ecosystems for Arthur R. Marshall Loxahatchee National Wildlife Refuge Special Events Program. February 1991 and January 1992.

INFORMAL TEACHING ACTIVITIES

•	Ridge Ranger Leader for the Lake Wales Ridge Volunteer Program	2001-2004
•	Ecology Field Instructor, Volunteer, Jupiter High School, Jupiter, FL	1993-1998
•	Ecological Advisor for Junior League Grant for Sixth Grade Program	1992
	MacArthur Beach State Park, Palm Beach Gardens FL.	
•	Plant Identification and Ecology of Hammock and Beach Communities	1990-1992
•	Everglades National Park Guided Tour for Lifelong Learning Center of Florida	1990
	Atlantic University.	2000
•	Conducted Pine Flatwoods Ecology Field Trip for FAU Graduate Geology Class.	1990

PROFESSIONAL SOCIETIES

American Institute of Biological Scientists
Botanical Society of America
Florida Entomological Society
Florida Exotic Pest Plant Council
Florida Native Plant Society
Natural Areas Association
Toastmasters International
Torrey Botanical Society

COMMITTEES

Lake Wales Ridge Ecosystem Working Group Listed Species Co-Chairman 2001-2004 Multi-species Recovery Implementation Team, USFWS, Contributing Member 2003-2006 Florida Native Plant Society, Heartland Chapter, Field trip Chairman 2003-2004 South Florida Multi-species Recovery Team, USFWS, Contributing Member 1996-1999 Center for Plant Conservation, Florida Rare Plant Task Force, 1992-98 Florida Committee on Rare and Endangered Plants and Animals; Volume 5, Contributor U. S. Fish and Wildlife Southeast Florida Recovery Team, 1993-98

COMMUNITY ACTIVITIES AND ORGANIZATIONS

Toastmasters, Toast of the Coast, Membership Vice President. Club 218, 2003-2006. Toastmasters International, Imperial Polk Chapter, 2001-2003. Florida Native Plant Society, Public Lands Partners Committee Chair, 2003-04 Native Plant Society, Heartland Chapter Field Trip Chair 2003. Association of Graduate Biology Students, FIU 1994-1998, Secretary 1994-95. Florida Association of Environmental Professionals 1990-96. Jonathan Dickinson State Park, Prescribed Burn Team Member, 1991-92. Native Plant Society, Vice-president, Palm Beach County Chapter 1991-92. Jupiter Lakes Villas, Board of Directors 1990, Beautification Committee 1991

KNOWLEDGE / SKILLS / ABILITIES

Proficient in use of IBM PC computer, including word processing (MSWord, WordPerfect), spreadsheet programs (Excel, Quatropro), statistics (Statistica), Graphics (Excel, SigmaPlot), Mapping (ArcView).

REFERENCES AVAILABLE ON REQUEST

ANDRE CADOGAN, M.E., P.E.

3047 Waddell Ave West Palm Beach, FL 33411

PH: (561) 632-8512

E-mail: drecad@yahoo.com

Professional Professional Engineer and Manager with strong public and private agency managerial and technical experience in Engineering and Management. Experience in contract management, planning, Everglades Restorations STAs design and operations, federal FEMA floodplain regulatory policies, federal grant programs, project management of structural and non-structural Capital Improvement projects sponsored by FEMA, U.S. Army Corp of Engineers and joint projects with local government agencies. Excellent, extensive writing and verbal communication skills.

Education:

ME (Master of Engineering) Civil Engineering, Florida Atlantic University BS in Material Science Engineering, University of Florida, Gainesville

Professional

License:

P.E. (Professional Engineer)

Licensed in Florida. Previous licensure in Virginia and Texas. (Ability to be licensed in most jurisdictions with NCEES records verification certification).

Certifications/Service Affiliations:

- Appointed Member, Governor Charlie Crist, Transition Team for the Florida Department of Environmental Protection (DEP)
- Florida Building Code Core Course certified
- Florida Atlantic University, 2005 Citizen Advisory Member
- Leadership West Palm Beach graduate 2004

Work **Experience:**

Assistant Director, Government Affairs- Keith and Schnars, P.A. Fort Lauderdale, FL

Assistant Director of Government Affairs responsible for communicating; Management, Policy Engineering and Planning issues for Environmental, Planning and Engineering projects and initiatives. Communication oversight for a diverse audience inclusive of elected officials (Local/State/Federal), Boards, Committees, Agencies, Organizations, and Public entities.

President/CEO Galt Group, Inc.- Galt Group, Inc. West Palm Beach, FL.

GALT GROUP, Inc. Everglades Restoration, Civil Engineering, Environmental Engineering, Water Resources, Professional Engineers is dedicated to providing the finest professional engineering services available. Galt Group, Inc. Engineering Services specializing in Comprehensive Everglades Restoration Program (CERP), Civil Engineering, Water Resources Engineering, Drainage and Land Development Engineering, Stormwater Engineering, Contract Management, Permitting and Contract Documents, Project and Program Management .

A. Cadogan, Resume, Page 1 of 5

Director of Water Resources / Program Engineer- Adair & Brady, Inc. West Palm Beach, FL.

Director of Water Resources and Program Engineer to the JMJV, (Jacobs - Montgomery Watson, Joint Venture) consultant team for the Comprehensive Everglades Restoration Project (CERP) Program Management and Engineering coordination support to the South Florida Water Management District (SFWMD). Responsible for A&B's Water Resource staff and project coordination and Everglades Restoration implementation and projects execution.

Program Manager- PBS&J FEMA NFIP MCC (FEMA NFIP, Consultant) Belstville, Maryland.

Program Manager responsible for FEMA NFIP (National Flood Insurance Program) 100 million dollar multi-year contractual task oversight and administration for the states of Texas, Louisiana, Arkansas, Oklahoma and New Mexico (FEMA Region 6). Oversight inclusive of budgeting, cost analysis and scheduling of task activities, multi-conference attendance and public presentations, weekly FEMA meetings and discussions, extensive daily public communications and issue resolution, knowledge of detailed Hydraulic and Hydrologic process, knowledge of detailed Floodplain processes, documentation support for members of U.S. congress, coordination and communication with multi-Federal agencies and City/County governments, detailed knowledge of NFIP Federal regulations. Direct program staff oversight of 36 employees (inclusive of peer P.E., Phds).

Senior Project Manager- Harris County Flood Control District, Houston, Texas.

Senior Project Manager for countywide capital improvement engineering project coordination with the Federal Emergency Management Agency (FEMA) in cooperation with local government agencies. Program Manager for county partnering agreement with FEMA (FEMA Cooperating Technical Community, CTC Program). Harris County is the third largest county in the U.S. with a population in excess of 4 Million inhabitants. Harris County encompasses 34 incorporated cities within its boundary including the City of Houston, which is the fourth largest city within the U.S. Duties involved program development, encompassing Agreement contracts, Scopes of Work, Schedules and budget development for county-FEMA partnering program (CTC Agency NFIP (FEMA National Flood Insurance Program) Project Manager responsible for detailed engineered design review and report development of capital improvement projects (CIP). Extensive contractual consultant engineering oversight performed as position responsibility. CIP project design evaluations inclusive of bridge, roadway, channel, community development review for standard engineering principles and impacts within county. Project oversight inclusive of local government-U.S. Army Corp of Engineers (ACOE) federal projects community impacts. Oversight of Watershed Regional Plans development to guide future development also position activity.

Civil Engineer- Dewberry & Davis LLC, Fairfax, Virginia.

FEMA (Federal Emergency Management Agency) engineering consultant conducting hydraulic, hydrologic, FIRM (flood insurance Rate Maps) floodplain delineation and municipal design review for multi-state communities participating in the NFIP (National Flood Insurance Program). Review community engineering LOMRs (Letter of Map Revision) reports and CLOMR (Conditional Letters of Map Revision) reports for appropriate engineering applications and FEMA criteria adherence.

A. Cadogan, Resume, Page 2 of 5

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Staff Engineer- South Florida Water Management District (SFWMD), West Palm Beach, Florida.

Duties include Design Engineering review, Hydraulic Analysis review and development, Construction Plans Interpretation and Operations Plan development / documentation for large scale construction project (Everglades Construction Project~700 Million Dollars). These are Stormwater Treatment Areas (STAs; 50,000 acres constructed Treatment Wetland Stormwater Reservoirs, inclusive of control structures, levees and canals) whose purpose is to provide flood protection and treatment for runoff waters from 700,000 acre hydrologic basin. Direct responsibility for development of Operations Plan (accounting for hydrologic conditions; SPS, SPF, PMH, Wind Setup, Wave Runup, riparian effects, water shed rainfall and flow hydrographs, levee design, Flow structure (culverts, weirs, etc). Design / analysis, etc. Operations Plan development involve multi-interdepartmental and agency (e.g. FDEP, ACOE) coordination in documentation and review.

Duties also inclusive of interaction with representatives of industry (e.g. Sugar Industry Corporations: US Sugar Corporation, FLO-SUN Corporation) and with public farmers in a Best Management Practice (BMPs) project. The goal of this project is to reduce nutrients entering the Everglades waters resulting from Land-use conversions, fertilizer usage and irrigation practices. Duties also include assisting in environmental permit language development and acquisition (NPDES).

Senior Engineer Associate- South Florida Water Management District

Duties include extensive hydrologic analysis of research project site (4,000 acre constructed Wetland). Computational analysis includes Rainfall estimation using modeling techniques (e.g., Thiessen), Evapotranspiration computations using various models (e.g., Penman-Montieth), Mass Balance computations (e.g., Water Budgets) and Seepage computation. Acting project manager overseeing long-term—Research project dealing with Best Management Practices (BMPs). Extensive experience with report writing, technical paper research and presentations. Daily experience in communicating with technical and non-technical professionals. Extensive computer experience ranging from spreadsheets and databases to operating systems and programs. Knowledge base also includes Solid/Hazardous waste regulations (e.g., CFRs, RCRA and Superfund), Solid Waste Management, Clean Air Act regulations (e.g., NAAQs, PSDs) and Clean Water Act regulations (e.g., Section 319 CWA, NPDES).

Adjunct Professor (Engineer Dept.)-Palm Beach Community College West Palm Beach, Florida

Adjunct Professor teaching Introduction to Engineering Drawing and Design using AutoCAD (ver.13). Fully responsible for all facets of course curriculum inclusive of syllabus, assignments and grading scheme. Course is required curricula for all engineering students. Enrollment diversity includes community college and major university engineering students fulfilling degree requirements. This course is designed to introduce engineering students to the principles of engineering drawing utilizing Manual Drafting, Basic Plans Interpretation, Descriptive Geometry and AutoCAD.

A. Cadogan, Resume, Page 3 of 5

Field Engineer- Schlumberger Petroleum Services Corp., New Orleans, Louisiana.

Manager in charge of two crew technical operators. Objectives include crew performance, monthly reports, monitor PC software, hardware training and employee organization such as scheduling work time and vacation time. Field Engineer responsibilities included meeting with clients and doing LOG interpretation analysis for the geological subsurface strata composition and hydrocarbon zones.

This is achieved through extensive manipulation of various software programs designed to control electronic sensors placed below surface. Maintenance of electronic sensors and computer upkeep is also overseen. Extensive environmental training is required and maintained as a job requirement. Extensive radiation training is maintained. Extensive OSHA training was required, knowledge of MSDS was required. Hydrocarbon handling/extraction as related to waterways was required knowledge. Environmental hazardous materials as related to industry was required knowledge.

Publications/Technical Reports:

- A. Cadogan , W. Meyer, J. Ivey, J. Grounds, J.Quarles. June 2001. The Development of a Cooperating Technical Partnership (CTP): Initiation, Coordination and Management. Proceedings of the 25th Annual Conference of the Association of State Floodplain Managers. June 2001. Charlotte, NC.
- A. Cadogan and W. Crull. June 2000. 1998 Floods in Harris County, Texas. Proceedings of the 24th Annual Conference of the Association of State Floodplain Managers. June 2000. Austin, TX.
- W. Abtew, D.L. Anderson, L.J. Lindstrom and A. Cadogan. January 1997. Soil Moisture and Shallow Water Table monitoring for Irrigation and Drainage Decision-Making. Seventh International Drainage Symposium, March 1998. South Florida Water Management District, West Palm Beach, Florida.
- W. Abtew. December 1996. Frequency Distribution of Daily Rainfall and Synthetic Data Generation. South Florida Water Management District. West Palm Beach, Florida. (Acknowledgement for engineering review).
- Cadogan. Bi-Annual Report. Everglades Nutrient Removal Project Daily Rainfall. Report.
 South Florida Water Management District. West Palm Beach, Florida.
- Cadogan. January 1997. Everglades Construction Project Stormwater Treatment Areas 1 through 6 Sensor and Structure Sites. Report. South Florida Water Management District, West Palm Beach Florida.
- South Florida Water Management District (SFWMD). November 1996. Water Budget Analysis For The Everglades Nutrient Removal Project. (Hydrologic Mass Balance Technical Report).
- South Florida Water Management District (SFWMD). July 1997. Operation Plan Stormwater Treatment Area No.6, Section 1. (FDEP: Florida Department Environmental Protection, ACOE: Army Corp of Engineers 404 permit required Operations Plan).
- South Florida Water Management District (SFWMD). February 1998. Operation Plan Stormwater Treatment Area No.1-West. (FDEP: Florida Department Environmental Protection, ACOE: Army Corp of Engineers 404 permit required Operations Plan).

A. Cadogan, Resume, Page 4 of 5

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- South Florida Water Management District (SFWMD). June 1998. Operation Plan Stormwater Treatment Area No.5. (FDEP: Florida Department Environmental Protection, ACOE: Army Corp of Engineers 404 permit required Operations Plan).
- W. Abtew, A. Cadogan, A. Ali, T. Kosier, G. Germain, D. Wilkins. June 1998. Hydrologic Performance of An Everglades Stormwater Treatment Area-STA6: A Constructed Wetland. Presented at the 1998 ASAE Annual International Meeting, Orlando, Florida July 1998.
- South Florida Water Management District (SFWMD). February 1999. Operation Plan Stormwater Treatment Area No.2. (FDEP: Florida Department Environmental Protection, ACOE: Army Corp of Engineers 404 permit required Operations Plan).

A. Cadogan, Resume, Page 5 of 5

NATURAL AREAS MANAGEMENT ADVISORY COMMITTEE

ESIGNATION NAME OF MEMBER BUSINESS ADDRESS & PHONE E-MAIL ADDRESS NUMBERS		HOME ADDRESS & PHONE NUMBERS	RE-APPT DATE	
Professional Educator Seat 3	Steve Bass scbass@ci.boca-raton.fl.us	Cell: 561-613-1621	4696 Meadowgreen Trail Lake Worth, FL 33463 968-4017 Fax: Same stephenbass@earthlink.net	31-Oct-0
Manager of Natural Areas Seat 1	William M. (Bill) Helfferich whelffer@sfwmd.gov	South Florida Water Management District 3301 Gun Club Road West Palm Beach, FL 33401 682-6637 Cell: 561-662-9806	97 Canton Road Lake Worth, FL 33467	31-Oct-0
PBC Parks & Recreation Seat 5	Dennis Eshleman deshlema@co.palm-beach.fl.us	PBC Parks and Recreation Director 2700 Sixth Avenue South Lake Worth, FL 33461 Cell: 561-308-4080	13 Baytree Circle Boynton Beach, FL 33462	31-Oct-09
Citizen Seat 7	Elisabeth Hoffman echoboca@bellsouth.net	ehoffman@gtpsites.com 561-886-5889 Cell: 561-699-4176	4307 NW 5th Avenue Boca Raton, FL 33431 561-395-8566	31-Oct-07
Biological Scientist Seat 2	Richard Moyroud moyroud@prodigy.net	All calls to the listed number are forwarded to his cell.	7667 Park Lane Road Lake Worth, FL 33467 967-2630	19-Oct-08
Municipal Parks Department Seat 4	Russ Ruskay russr@jupiter.fl.us	Town of Jupiter 210 North Military Trail Jupiter, FL 33458 746-5134 Cell: 308-1068	6000 Our Robbies Road Jupiter, FL 33458	31-Oct-07
Citizen Geat 6	Herbert Zebuth herb_zebuth@msn.com	No Cell	12029 58th Street North Royal Palm Beach, FL 33411 798-4906	31-Oct-09

RESOLUTION NO. 94-1051

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF PALM BEACH COUNTY, FLORIDA, CREATING THE PALM BEACH COUNTY NATURAL AREAS MANAGEMENT ADVISORY COMMITTEE; PROVIDING FOR MEMBERSHIP; PROVIDING FOR TERM AND REMOVAL; PROVIDING FOR MEETINGS AND ORGANIZATION; PROVIDING FOR DUTIES AND FUNCTIONS; AND PROVIDING THAT COMMITTEE ACTION IS ADVISORY ONLY.

WHEREAS, environmentally sensitive lands have been identified in Palm Beach County (the "County") through scientific inventory and designated by the Palm Beach County Board of County Commissioners (the "Board") as significant resources of countywide concern; and

WHEREAS, the Board adopted Ordinance No. 90-47, the Environmentally Sensitive Lands Ordinance, in an effort to protect the environmentally sensitive lands identified and designated therein; and

WHEREAS, the Environmentally Sensitive Lands Acquisition Advisory Committee, created on October 10, 1989 by Palm Beach County Resolution No. 89-1875, as amended, has applied certain objective ecological criteria to the environmentally sensitive lands in order to select these lands according to desirability for acquisition; and

WHEREAS, on January 8, 1991, the Board adopted Ordinance No. 91-1 providing for a referendum, known as the Environmentally Sensitive Lands Bond Issue Referendum (the "Referendum"), that was held on March 12, 1991 for consideration by the electorate of pledging ad valorem tax revenues for the acquisition, preservation and protection of environmentally sensitive lands in the County; and

WHEREAS, on March 5, 1991, the Board adopted Ordinance No. 91-13 establishing an Environmentally Sensitive Lands Acquisition Selection Committee (the "Selection Committee"), subject to passage of the referendum, to make recommendations to the Board regarding the proposed acquisition of environmentally sensitive lands; and

WHEREAS, on March 12, 1991, the voters of Palm Beach County approved the referendum; and

WHEREAS, environmentally sensitive lands have been purchased by the County as recommended by the Selection Committee and approved by the Board; and

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WHEREAS, monies from the bond referendum and from matching funds provided by the State of Florida Preservation 2000 Program ("Preservation 2000"), as administered through the State's Conservation and Recreation Lands Program, the Florida Communities Trust Program, and the Save Our Rivers Program, as well as contributions and matching funds from local municipalities, have been used to purchase these environmentally sensitive lands; and

WHEREAS, recipients of Preservation 2000 matching funds are required, as a condition of funding, to submit to the appropriate funding authority a management plan that sets forth the way the site will be managed; and

WHEREAS, management plans are necessary to maintain native ecosystems in perpetuity, preserve wilderness values, and to determine the amount and types of passive recreational use that can be allowed on these lands without disturbing or degrading their environmental quality; and

WHEREAS, the Board has determined that it is in the best interest of the citizens of the County that a natural areas management advisory committee be formed to evaluate and comment on staff-developed management plans.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF PALM BEACH COUNTY, FLORIDA, that:

Section I. Creation. There is created and established a committee to be known as the Palm Beach County Natural Areas Management Advisory Committee (the "Advisory Committee").

Section II. <u>Purpose</u>. The purpose of the Advisory Committee is to review staff-developed management plans with a specific focus on public uses of the site, and to make recommendations to staff on possible changes with final approval by the Board.

Section III. Membership.

The Advisory Committee shall have seven (7) members who shall A. be appointed by the Board of County Commissioners (the "Board") according to the provisions of subsection B of this section. The composition of the Committee shall be as follows:

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- 1. One (1) member with experience in the management of natural areas.
- 2. One (1) biological scientist.
- 3. One (1) professional educator with knowledge of South Florida ecosystems.
- 4. One (1) representative of a local municipal government public recreation program.
- 5. One (1) member of the Palm Beach County Parks and Recreation Department staff.
- 6. One (1) citizen having an interest in natural areas.
- 7. One (1) member of the County's Environmentally Sensitive Lands Acquisition Selection Committee ("ESLASC"), for as long as this committee is in existence. Upon sunset of ESLASC, this position shall be filled thereafter by a citizen with an interest in natural areas.
- B. Appointment of individuals to the Advisory Committee.
 - The Board of County Commissioners, acting as a whole, shall appoint seven (7) individuals to fulfill the requirements of subparagraphs A.1-7 of this section.
 - 2. The Board shall make its appointments from a list of nominees submitted by Board members or by the Palm Beach County Department of Environmental Resources Management ("ERM"), which shall solicit nominees in order to fulfill the requirements of sub-paragraph A.1-7 of this section.
 - 3. Members of the Advisory Committee shall have expertise in ecology, conservation of natural resources, environmental land management, environmental education, or public recreation. Each nominee shall submit to ERM written evidence of his or her expertise in any of the above.
- C. The initial appointments to the Advisory Committee shall be:
 - 1. Members appointed from categories A.4. and A.6. for a term of one (1) year.

- Members appointed from categories A.1. and A.2. for a term of two (2) years.
- Members appointed from categories A.3., A.5. and A.7.
 for a term of three (3) years.

Thereafter, any appointment except for a vacancy shall be for a term of three (3) years. A member appointed to fill the remaining term of a vacancy shall serve until the expiration of the unfulfilled term. No member may be reappointed without approval by the Board at one of its regular meetings.

D. A vacancy may only be filled by a person who fulfills the requirements of the vacant category. Vacancies shall be filled and ratified by the Board at one of its regular meetings.

Section IV. Conditions of Appointment.

- A. An individual appointed by the Board of County Commissioners may not serve on more than two other County advisory boards or commissions at the time of his or her appointment and may not serve on more than three (3) County advisory boards or commissions at one time.
- B. There shall be no limit on the number of terms that an individual may serve.
- C. An appointee shall be automatically removed for failure to attend. Failure to attend is defined as: Absence from three (3) consecutive meetings or absence from more than one-half of the meetings scheduled during a calendar year. Participation in less than three-fourths of a meeting shall constitute failure to attend. Excused absences due to illness, absence from the County, or personal hardship, if approved by vote of the Advisory Committee, shall not constitute failure to attend. Excused absences shall be entered into the minutes at the next regularly scheduled meeting of the Advisory Committee. Members removed under this paragraph may not serve again until a new vacancy is created.
- D. Advisory Committee members are not prohibited from qualifying as a candidate for elected office.

- E. County employees shall not be appointed to the Advisory Committee, except that an employee of the Palm Beach County Board of Education may be appointed as a representative of the educational community as specified in Section III, subsection A.3., and that an employee of the Palm Beach County Department of Parks and Recreation shall serve on the Advisory Committee as specified in Section III, subsection A.5.
- F. An Advisory Committee member who is an employee of a local government shall not represent specific interests of the local government on Advisory Committee issues.
- G. All Advisory Committee members shall be residents of Palm Beach County at the time of appointment and throughout their terms.
- H. Abstention from voting due to a conflict of interest on more than three separate matters during any calendar year shall result in automatic removal.

Section V. Meetings and Organization.

- A. The Advisory Committee shall establish a regular time and place to hold meetings. Reasonable public notice of all Advisory Committee meetings shall be provided, and all such meetings shall be open to the public at all times and accept public comment.
- B. A quorum must be present for the conduct of all Advisory Committee meetings. A majority of the members appointed shall constitute a quorum. All meetings shall be governed by Robert's Rules of Order.
- C. The Advisory Committee shall adopt any rules of organization and procedures that may be required. The Committee may appoint a chairperson and vice chairperson, may establish subcommittees for specific subjects or tasks, and may invite participation in a subcommittee by non-members in order to obtain input from other sectors of the public interested in the management of natural areas.

Section VI. <u>Duties and Functions</u>. The Advisory Committee shall have the following duties and functions:

- A. To review and comment on staff-developed management plans to the point where the plan is acceptable to the Advisory Committee and to staff for presentation at public hearings.
- B. To hold public hearings to solicit input from the public relating to the management plans.
- C. To review the results of ongoing monitoring of natural areas to determine whether management goals are being met.
- D. To periodically review the management plans for possible modification.

Section VII. <u>Committee Action Advisory Only</u>. The actions, decisions and recommendations of the Advisory Committee are advisory only and shall not be binding upon the Board of County Commissioners or County staff.

The foregoing Resolution was offered by Commissioner Aaronson , who moved its adoption. The motion was seconded by Commissioner Foster ____, and upon being put to a vote, the vote was as follows: COMM. MARY McCARTY Aye COMM. KEN L. FOSTER Aye COMM. KAREN T. MARCUS Aye COMM. CAROL A. ROBERTS Aye COMM. WARREN H. NEWELL Ave COMM. BURT AARONSON Aye COMM. MAUDE FORD LEE Aye

The Chair thereupon declared the Resolution duly passed and adopted this 16th day of August, 1994.

APPROVED AS TO FORM AND LEGAL SUFFICIENCY

PALM BEACH COUNTY, FLORIDA BY ITS BOARD OF COUNTY COMMISSIONERS

Dorothy H. Wilken, Clerk

Assistant County Attorney

Deputy Clerk

COUNTY