



COASTAL UPLAND HABITATS OF THE TAMPA BAY ECOSYSTEM

Status, Trends, and Management Perspectives

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COASTAL UPLAND HABITATS

DUNE

**Upper Beach
Foredunes**

BACK BEACH

**Backdunes
Coastal Scrub/Shrub**

COASTAL HAMMOCK

**Temperate (TBEF)
Tropical (TRF)**

Hydric

COASTAL PRAIRIE

**Mesic
Xeric**

PINE FLATWOODS

**Hydric
Mesic**

XERIC PINE

**Sand Pine Scrub
High Pine (Sandhill)**

XERIC OAK

TEMPORATE HARDWOODS

EXOTICS

**Brazilian Pepper
Australian Pine**

COASTAL UPLAND HABITATS

Previous Inventory and Analysis - Tampa Bay

FLORIDA NATURAL AREAS INVENTORY

**An Assessment of Florida's Remaining Coastal Upland
Natural Communities: SW Florida (Johnson & Muller 1993)**

**5 Sites - Treasure Island (Sunshine Beach)
Bunces Pass Islands (Shell and Sister Keys)
Mullet Key (NW)
Fort DeSoto Park (Mullet Key SE and Madellaine Key)
Egmont Key**

TAMPA BAY NATIONAL ESTUARY PROGRAM

**Setting Priorities for Habitat Protection and Restoration:
Restoring the Balance (LES & CEI 1995)**

**Coastal Uplands (associated with coastal wetlands)
identified as Special Habitat # 2 - recommended I/A by NOAA C-CAP**

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TIME PERIOD 1950's (1948-1956) NATIONAL WETLAND INVENTORY DATA

UPLAND	ACRES	SAMPLE(n)	PARC. SIZE	% UPLAND	% TOTAL
UA	63,250.63	662	95.54	13.762%	7.144%
UB	23.64	7	3.38	0.005%	0.003%
UBD	172.65	19	9.09	0.038%	0.019%
UBS	545.27	28	19.47	0.119%	0.062%
UF7	15,791.61	476	33.18	3.436%	1.784%
UR	301,393.80	605	498.17	65.576%	34.040%
UU	78,429.44	304	257.99	17.064%	8.858%

TOTAL(U)	459,607.04	2101	218.76	100.00%	51.91%
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TOTAL(T)	885,414.00
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UPLAND RANK - 1950's (1948-1956)

RANK	ACRES	RANK	SAMPLE(n)	RANK	PARC. SIZE
UR	301,393.80	UA	662	UR	498.17
UU	78,429.44	UR	605	UU	257.99
UA	63,250.63	UF7	476	UA	95.54
UF7	15,791.61	UU	304	UF7	33.18
UBS	545.27	UBS	28	UBS	19.47
UBD	172.65	UBD	19	UBD	9.09
UB	23.64	UB	7	UB	3.38
TOTAL(U)	459,607.04	TOTAL(U)	2101	MEAN (AC.)	218.76

LEGEND: NATIONAL WETLAND INVENTORY (NWI) CLASSIFICATIONS

UA	UPLAND AGRICULTURAL
UB	UPLAND BARREN
UBD	UPLAND BARREN-DUNE
UBS	UPLAND BARREN-SPOIL
UF7	UPLAND FOREST-DECIDUOUS
UR	UPLAND RANGE
UU	UPLAND URBAN/DEVELOPED

PARC. SIZE = Mean parcel size (acres/n) for each upland classification.

TOTAL (U) = Total acreage for all upland classifications.

TOTAL (T) = Total acreage for all upland and wetland classifications.

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TIME PERIOD 1972 NATIONAL WETLAND INVENTORY DATA

UPLAND	ACRES	SAMPLE (n)	PARC. SIZE	% UPLAND	% TOTAL
U	98.89	17	5.82	0.021%	0.011%
UA	115,584.60	259	446.27	24.637%	13.052%
UB	2,238.11	102	21.94	0.477%	0.253%
UBD	0	0	0	0%	0%
UBS	4,945.23	146	33.87	1.054%	0.558%
UF7	53,930.21	1,005	53.66	11.496%	6.090%
UR	90,996.17	763	119.26	19.396%	10.276%
UU	200,468.60	447	448.48	42.731%	22.638%
UO	879.15	14	62.80	0.187%	0.099%
TOTAL(U)	469,140.96	2753	170.41	100.00%	52.98%

TOTAL(T)	885,558.99
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UPLAND RANK - 1972

RANK	ACRES	RANK	SAMPLE(n)	RANK	PARC. SIZE
UU	200,468.60	UF7	1005	UU	448.48
UA	115,584.60	UR	763	UA	446.27
UR	90,996.17	UU	447	UR	119.26
UF7	53,930.21	UA	259	UO	62.80
UBS	4,945.23	UBS	146	UF7	53.66
UB	2,238.11	UB	102	UBS	33.87
UO	879.15	U	17	UB	21.94
U	98.89	UO	14	U	5.82
UBD	0	UBD	0	UBD	0.00
TOTAL(U)	268,672.36	TOTAL(U)	1748	MEAN (AC.)	153.70

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UF7	UPLAND FOREST-DECIDUOUS
UR	UPLAND RANGE
UU	UPLAND URBAN/DEVELOPED
UO	UPLAND URBAN/DEVELOPED-OTHER
U	UPLAND

PARC. SIZE = Mean parcel size (acres/n) for each upland classification.

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COASTAL UPLAND HABITATS OF THE TAMPA BAY ECOSYSTEM

Status, Trends, and Management Perspectives

TIME PERIOD 1982 NATIONAL WETLAND INVENTORY DATA

UPLAND	ACRES	SAMPLE(n)	PARC. SIZE	% UPLAND	% TOTAL
U	3.51	2	1.76	0.001%	0.000%
UA	112,249.80	325	345.38	23.857%	12.760%
UB	2,598.71	140	18.56	0.552%	0.295%
UBD	0	0	0	0%	0%
UBS	1,927.76	92	20.95	0.410%	0.219%
UF7	45,136.34	1242	36.34	9.593%	5.131%
UR	62,461.21	962	64.93	13.275%	7.100%
UU	245,144.60	568	431.59	52.103%	27.868%
UO	980.09	19	51.58	0.208%	0.111%
TOTAL(U)	470,502.02	3350	140.45	100.00%	53.49%

TOTAL(T) 879,673.71

UPLAND RANK - 1982

RANK	ACRES	RANK	SAMPLE(n)	RANK	PARC. SIZE
UU	245,144.60	UF7	1242	UU	431.59
UA	112,249.80	UR	962	UA	345.38
UR	62,461.21	UU	568	UR	64.93
UF7	45,136.34	UA	325	UO	51.58
UB	2,598.71	UB	140	UF7	36.34
UBS	1,927.76	UBS	92	UBS	20.95
UO	980.09	UO	19	UB	18.56
U	3.51	U	2	U	1.76
UBD	0	UBD	0	UBD	0
TOTAL(U)	470,502.02	TOTAL(U)	2108	MEAN (AC.)	223.20

LEGEND: NATIONAL WETLAND INVENTORY (NWI) CLASSIFICATIONS

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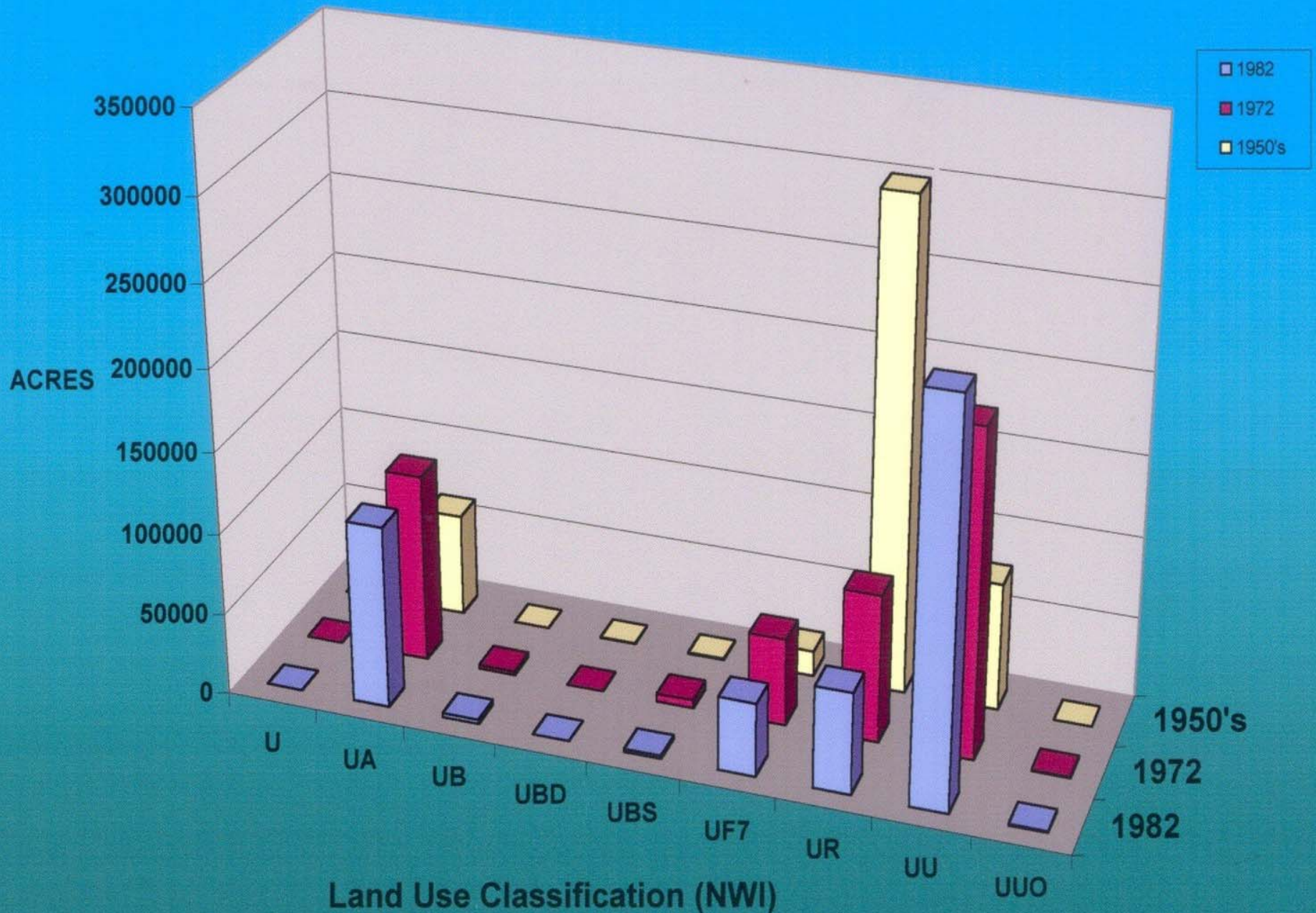
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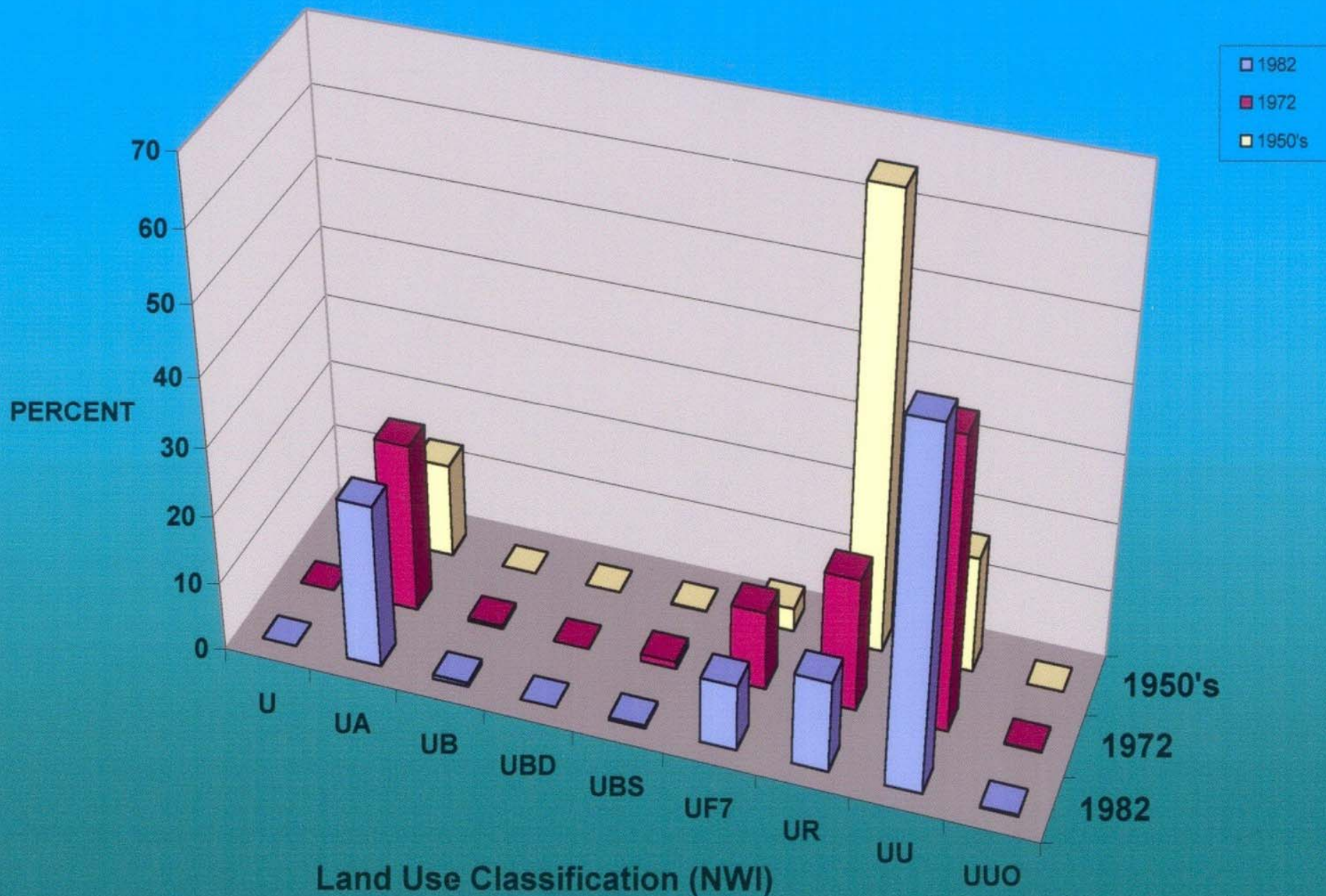
COASTAL UPLAND HABITATS OF THE TAMPA BAY ECOSYSTEM

UPLAND LAND USE TREND ANALYSIS - UPLAND ACREAGE



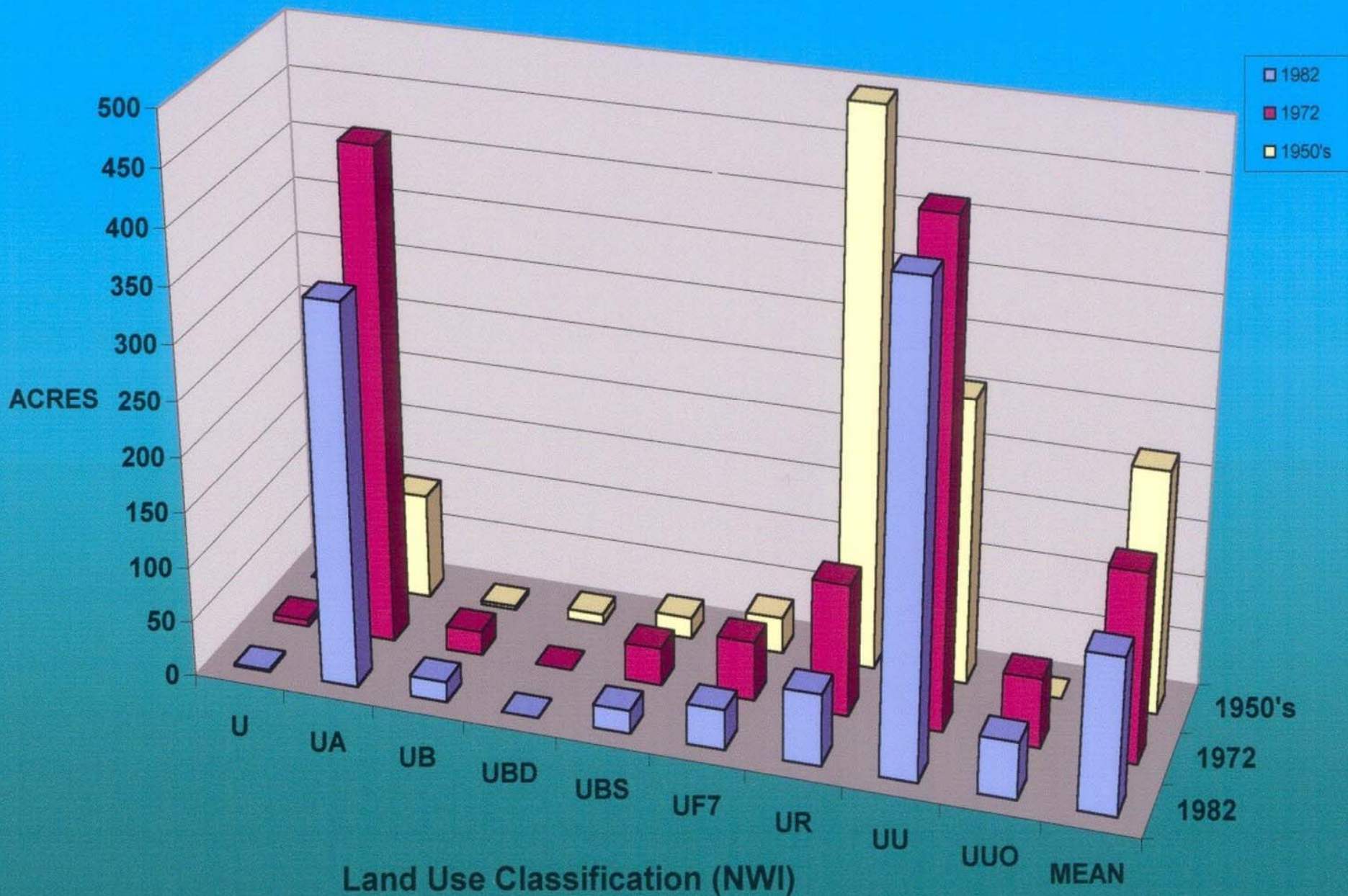
COASTAL UPLAND HABITATS OF THE TAMPA BAY ECOSYSTEM

UPLAND TREND ANALYSIS - PERCENT COVER - UPLAND CLASS



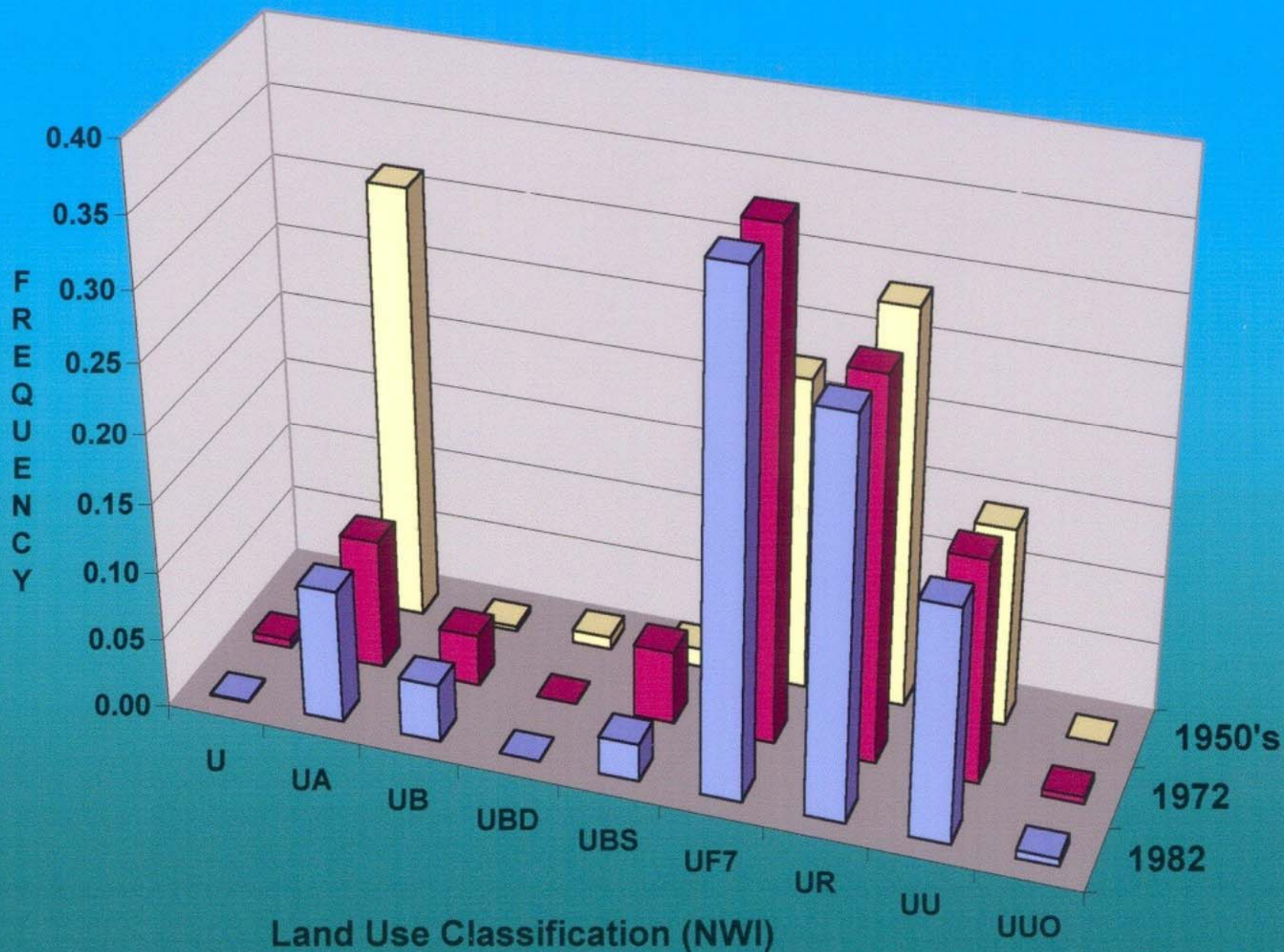
COASTAL UPLAND HABITATS OF THE TAMPA BAY ECOSYSTEM

UPLAND LAND USE TREND ANALYSIS - PARCEL SIZE



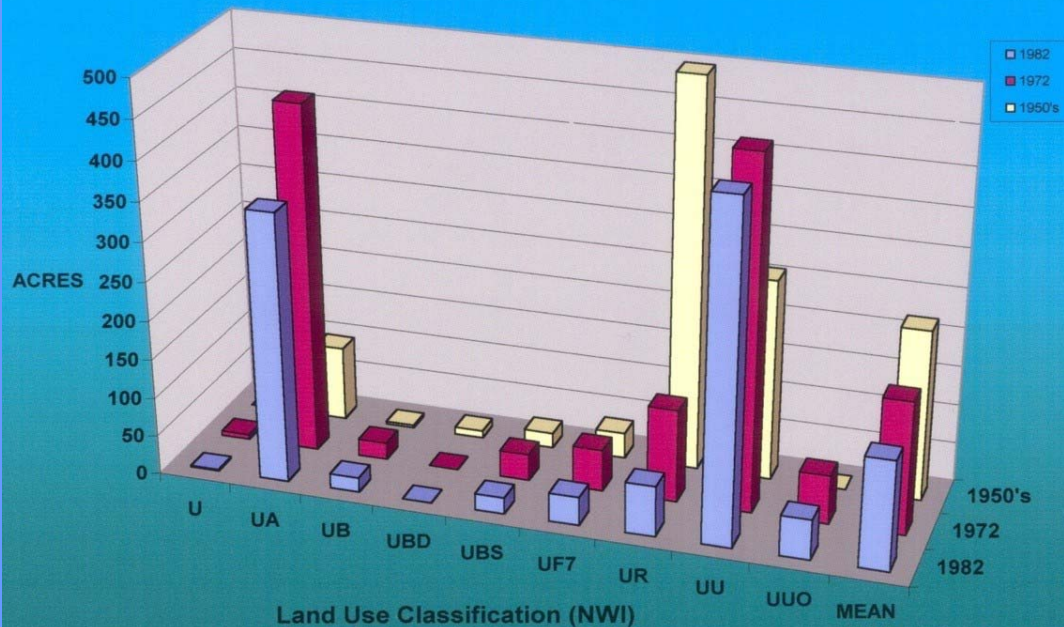
COASTAL UPLAND HABITATS OF THE TAMPA BAY ECOSYSTEM

UPLAND LAND USE TREND ANALYSIS - MAPPING FREQUENCY

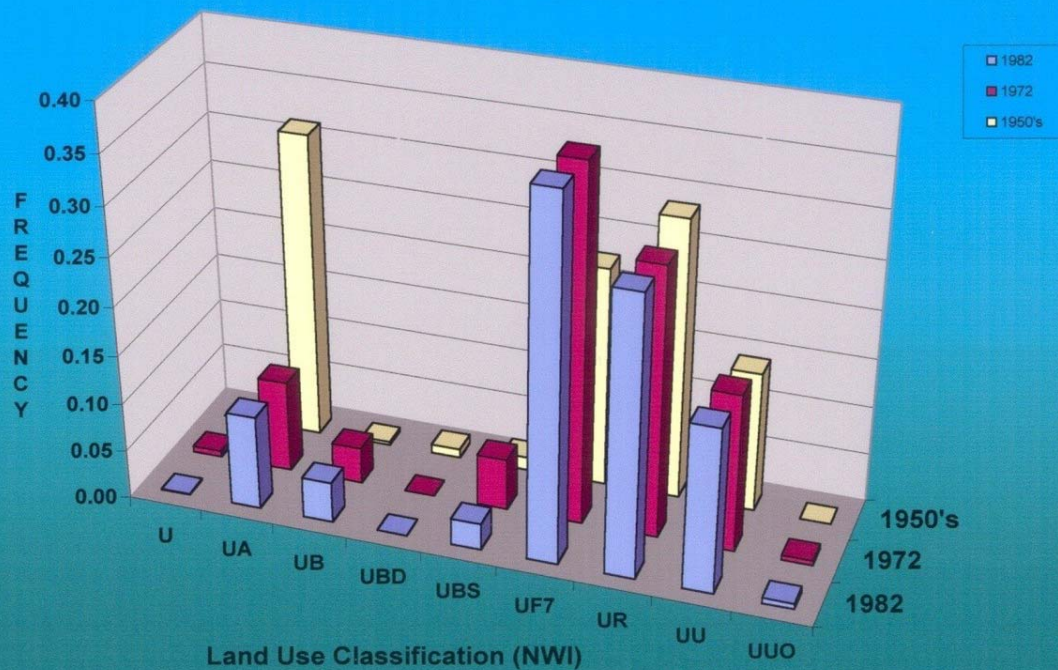


COASTAL UPLAND HABITATS OF THE TAMPA BAY ECOSYSTEM

UPLAND LAND USE TREND ANALYSIS - PARCEL SIZE



UPLAND LAND USE TREND ANALYSIS - MAPPING FREQUENCY





Tampa
Bay









24 39











Wolf Branch Creek

Tampa
Bay

Tampa Bay

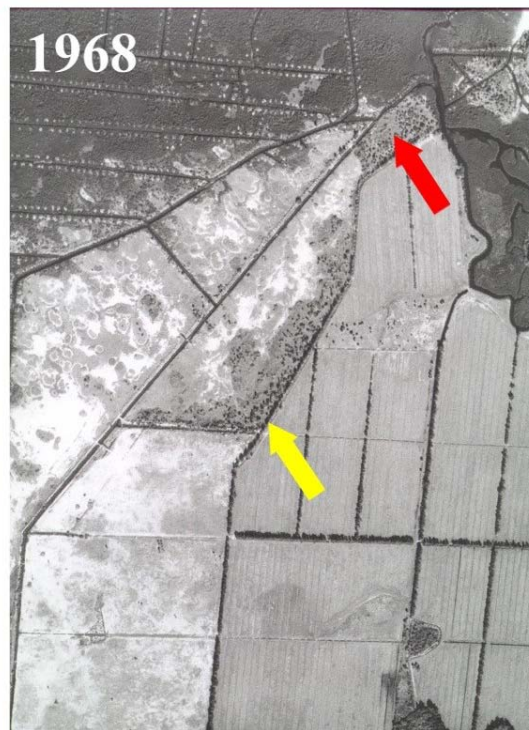
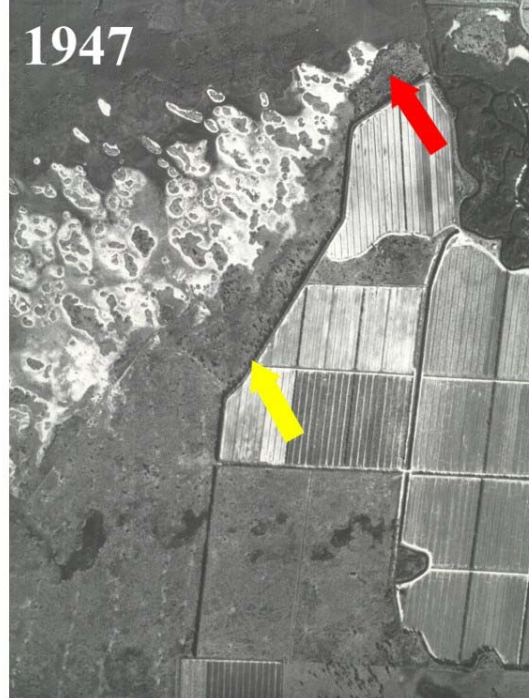
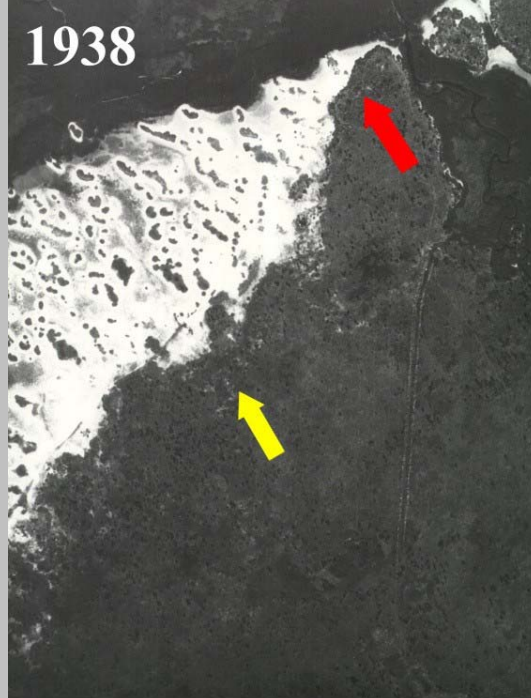
Wolf Branch Creek



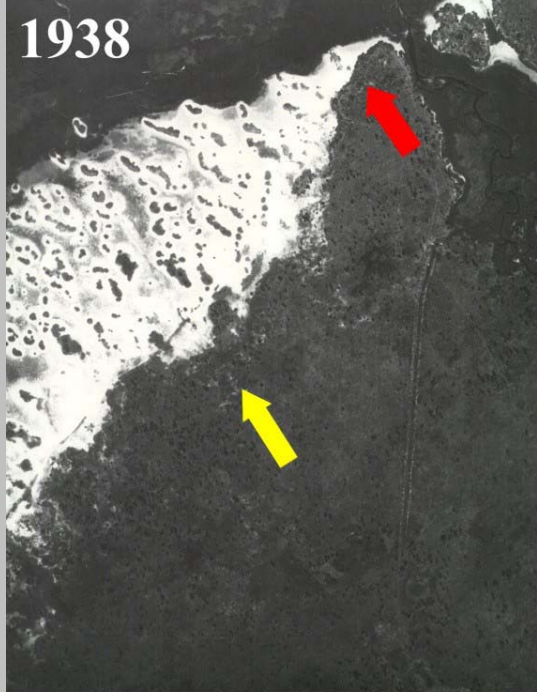
Little Manatee River

Cockroach Bay

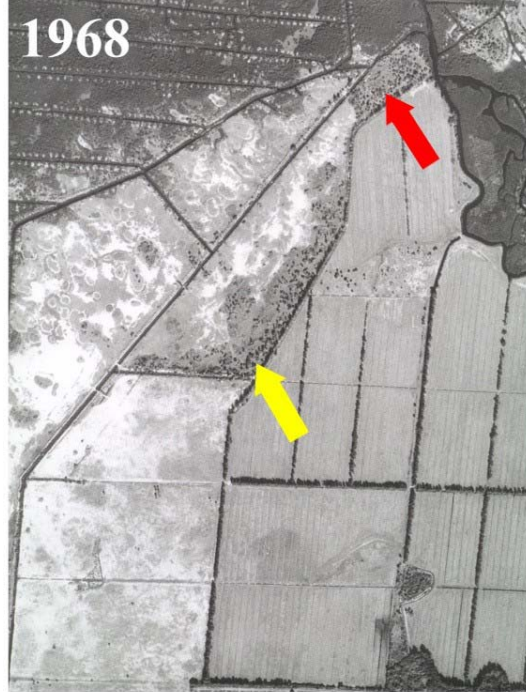




1938



1968



1982



1995















Tampa
Bay







PROTECTION AND RESTORATION

Management Perspectives



The background of the slide is a photograph of a natural landscape. In the foreground, there is a field of tall green grass interspersed with numerous small, white, daisy-like flowers. Behind the field, a dense forest of tall, slender pine trees with green needles rises against a sky filled with soft, white clouds. The overall scene is bright and natural, suggesting a healthy ecosystem.

PROTECTION AND RESTORATION
Management Perspectives

ACQUISITION



PROTECTION AND RESTORATION

Management Perspectives

RESTORATION

Restore Fire Regimes

Restore Hydro-patterns

Restore Native Plant Assemblages

Remove Exotic Species

A yellow Caterpillar D4H bulldozer is shown in the foreground, partially obscured by the text. It is working on a sandy, cleared area. In the background, there are palm trees and other vegetation. The bulldozer has "CATERPILLAR" and "D4H" written on its side.

RESTORATION TOOLS

DEMOLITION

EARTHWORK

CHEMICALS

FIRE

RECOMMENDATIONS

Principals of Resource Sustainability

*Resource Inventory & Analysis
Current, Historical - Serial*

*Develop Restoration Targets
Acquisition*

Restoration

Management

Monitoring

