

Biological Services Program

FWS/OBS - 81/49

August 1982

FLORIDA ATLAS OF BREEDING SITES FOR HERONS AND THEIR ALLIES: 1976-78



Fish and Wildlife Service

U.S. Department of the Interior

The Biological Services Program was established within the U.S. Fish and Wildlife Service to supply scientific information and methodologies on key environmental issues that impact fish and wildlife resources and their supporting ecosystems. The mission of the program is as follows:

- To strengthen the Fish and Wildlife Service in its role as a primary source of information on national fish and wildlife resources, particularly in respect to environmental impact assessment.
- To gather, analyze, and present information that will aid decisionmakers in the identification and resolution of problems associated with major changes in land and water use.
- To provide better ecological information and evaluation for Department of the Interior development programs, such as those relating to energy development.

Information developed by the Biological Services Program is intended for use in the planning and decisionmaking process to prevent or minimize the impact of development on fish and wildlife. Research activities and technical assistance services are based on an analysis of the issues, a determination of the decisionmakers involved and their information needs, and an evaluation of the state of the art to identify information gaps and to determine priorities. This is a strategy that will ensure that the products produced and disseminated are timely and useful.

Projects have been initiated in the following areas: coal extraction and conversion; power plants; geothermal, mineral and oil shale development; water resource analysis, including stream alterations and western water allocation; coastal ecosystems and Outer Continental Shelf development; and systems inventory, including National Wetland Inventory, habitat classification and analysis, and information transfer.

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FOR HERONS AND THEIR ALLIES: 1976-78

by

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PREFACE

This document contains the results of aerial surveys of breeding sites for herons and their allies in peninsular Florida from 1976 through 1978. The atlas includes information on 295 colonies located from the Ochlockonee River east through the peninsula and the Keys. Our purpose in publishing this report is to aid resource managers and others concerned with the intelligent management of Florida's natural resources.

Any questions or requests regarding this report should be directed to:

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SUMMARY

The first atlas of heron colonies was published in 1978 (Osborn and Custer 1978) and covered the Atlantic coast from Maine to Florida for 1975 and 1976. This atlas is an update of heron colonies for the Atlantic coast of Florida and an initial heron colony coverage for the Florida gulf coast and inland colonies, 1976 through 1978.

Aerial surveys were conducted in April and mid-summer over the Florida peninsula, east of the Ochlockonee River. A total of 295 active nesting colonies, with 22 different species, were located in the three-year period.

Colony locations are shown on 1:250,000 USGS maps and Florida county maps. Colony data forms follow each county map and include information on location, date of census, estimated number of nesting pairs, site description, nesting substrate and proximity to human development.

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ACKNOWLEDGMENTS

This study was a cooperative effort by personnel of the Research Department of the National Audubon Society, the Florida Game and Fresh Water Fish Commission, and the Ornithological Research Division of the Florida Audubon Society.

Major funding for the survey was supplied by the National Audubon Society, the Florida Game and Fresh Water Fish Commission and the Florida Audubon Society. Colonies on the Atlantic coast were surveyed in 1976 under contracts from the U.S. Fish and Wildlife Service as part of their "Biological Indicator and Coastal Ecosystems Program" of the Office of Biological Services (Osborn and Custer 1978).

Information on several colonies not covered during the survey was received from the Colonial Bird Register, operated by the National Audubon Society, and the Cornell Laboratory of Ornithology; and Everglades National Park, courtesy of J.A. Kushlan and O.L. Bass from the National Park Service. Recognition is extended to Kathy Dew, Merlien King, Joy DeMaesschalck for drawing the maps and to Foster Dickard and Jane Anderson for assistance with compiling the data. The cover art was graciously provided by David S. Maehr. Robin White and Jill Parker of the National Coastal Ecosystems Team and Pat Healy of the National Audubon Society contributed a tremendous effort in editing and reviewing the report.

A special thanks goes to Lawrence A. Riopelle of the National Audubon Society, who piloted the survey airplane for major parts of the survey during all three years, played a major role in developing the survey technique, and was the first to spot many new colonies.

INTRODUCTION

The herons, egrets, ibises, spoonbills, and storks that use Florida's wetland habitats are a conspicuous and biologically important part of the State's wildlife resources. Collectively, these wading birds are an integral part of Florida's aquatic ecosystems and its public image.

Wading birds depend upon wetland habitats for nesting and feeding sites. Most waders nest between February and August in colonies that may contain several species and anywhere from a few dozen to thousands of nests. Colony sites may be used in other seasons as roosting sites. The birds fan out daily from the colonies, flying as far as 32 km (20 mi) to feed in a variety of wetland habitats. Most species eat small fish, frogs, aquatic insects, crayfish, or freshwater prawns, while the ubiquitous Cattle Egret eats insects captured in fields, pastures, and along roadsides.

The location and size of nesting colonies depend directly on the presence of suitable nesting habitat and adequate amounts of food. Most colonies in Florida are located in natural wetland habitats characterized by woody vegetation over standing water or on islands. An increasing number of colonies are now being found in human-made habitats such as dredged-material islands and freshwater impoundments. This latter situation might suggest that sufficient natural sites are no longer available.

The number of wading birds nesting in Florida has never been accurately determined, although some attempts to do this have been undertaken. To inventory a large state that contains so many acres of wetland habitats, a concrete and well-organized effort is needed. Wading birds move freely over large geographic regions in response to seasonal and yearly changes in quantity of feeding and nesting habitats. A colony site used one year may be abandoned the next year. Thus, the number of wading birds occurring in a particular region may change, and the long-term record of birds at a single colony may not accurately reflect regional or statewide population trends.

Although absolute numbers were never measured, some historical information on the number of wading birds in Florida does exist. A historical review of population trends of waders in southern Florida (Lake Okeechobee south into Florida Bay) indicates that the estimated total number has "changed drastically over the past century due to human activities, primarily hunting and habitat alteration" (Robertson and Kushlan 1974). The estimated number of south Florida waders dropped from 2,500,000 birds in 1870 to 500,000 in 1910, primarily due to plume hunting, and then increased to 1,200,000 by 1935 after plume hunting was stopped. Increased rates of wetland destruction since 1935 have resulted in a second acute decline, to an estimated 150,000 waders in 1970 (Robertson and Kushlan 1974) and 130,000 in 1975 (Kushlan and White 1977). This recent decline is more pernicious and seems to be continuing. A review of regional wading bird trends in the southeastern coastal plain shows that, with the

exception of Cattle Egrets and a few estuarine species, wading birds have experienced greater declines in Florida than in most other coastal states (Ogden 1978). The most serious declines in Florida have occurred among those species inhabiting primarily freshwater habitats and nesting in interior colonies. It has become increasingly apparent that more quantitative information on wading birds and their nesting sites is needed to understand their problems and how they and their habitats may be protected.

Between 1957 and 1959 a continental survey of wading bird populations was conducted by the National Audubon Society, for the most part by mail. In some places in Florida, where coverage was considered inadequate, cooperative aerial surveys were flown by National and Florida Audubon Society personnel. National Audubon surveyed all Florida Wood Stork colonies by air and the majority on the ground in 1957, 1958, and 1959. Other wading birds were surveyed by Florida Audubon personnel in planes supplied by the Florida Game and Fresh Water Fish Commission.

In 1975 and 1976, the Office of Biological Services, U.S. Fish and Wildlife Service, sponsored an inventory of Atlantic coast heronries, including the Florida east coast (Osborn and Custer 1978). Data from 1976 are included in this report.

During the present investigation it became apparent that some colonies had existed at the same sites for many years, while others were active only during one or two years of the three-year study. Rainfall and water levels play a major role in determining colony activity (Ogden et al. 1980), but the reasons underlying colony abandonment, formation of new colonies, and long-term stability of colonies fall beyond the scope of this publication.

METHODS

Aerial surveys were conducted over the Florida peninsula, east of the Ochlockonee River during two periods, first in April or early May and again in mid-summer (June-July) during the years 1976-78. Censusing of the north Florida counties was conducted by Stephen A. Nesbitt, the east-central and southeastern Florida counties by Herbert W. Kale II, and the west-central and south Florida counties by John C. Ogden. There are comparatively few colonies in the Florida Panhandle and for that reason it was decided to concentrate on peninsular Florida. During each period, all known or suspected colony sites were checked from low-flying, fixed-wing aircraft. In areas where colonies had not been previously recorded, transects or zig-zag search patterns were flown. Any wading birds seen flying in a constant direction were followed to determine if they were part of a flight line leading to an unknown colony. During each census period, two to five days of flying were conducted in each of the three regions of Florida. A total of 295 active nesting colonies, used by 22 species of waders (Table 1), were located during the 3-year census.

The aerial censuses were designed primarily to (1) determine the number and location of colony sites, (2) obtain an estimate of the number of birds present in each colony, and (3) characterize wading bird nesting sites. Colonies that might require additional protective measures, and colonies suitable for subsequent and more intensive ground study also were identified. For some colonies, data obtained from ground censuses are reported.

Shortcomings of the aerial census method are evident in some of the estimates of bird species composition and numbers, and in some of the characterizations of dominant vegetation. Aerial bird counts detect only the most conspicuous species nesting near the canopy; thus estimates for some of the smaller, less conspicuous herons (e.g. Little Blue Herons, Louisiana Herons, night herons) are less accurate. In many instances these species are reported only to indicate their presence in a colony. Sometimes, it was difficult to distinguish between the smaller white species such as Snowy and Cattle Egrets. In such cases these were lumped as Egret spp., or Heron spp. Failure to detect a species from the air did not necessarily mean it did not nest at that site. Kushlan (1979) compared counts from ground, fixed-wing aircraft, and helicopter censuses and found that the fixed-wing aircraft census was less accurate, with a 32%-100% error, depending on the species and nest placement.

A group of nesting wading birds was considered a single colony, even if they were on several islands or clumps of vegetation (i.e. in subcolonies), as long as they formed a discrete assemblage separated from other colonies by a minimum distance of 0.8 km (0.5 mi).

The accuracy of colony size estimates and dominant vegetation characterizations varies. For some colonies where only a single plant species was

Table 1. Common and scientific names of bird species discussed in this atlas.

Common name	Scientific name
*Brown Pelican	(<u>Pelecanus occidentalis</u>)
*Magnificent Frigatebird	(<u>Fregata magnificens</u>)
*Double-crested Cormorant	(<u>Phalacrocorax auritus</u>)
*Anhinga	(<u>Anhinga anhinga</u>)
Great Blue Heron	(<u>Ardea herodias</u>)
Great White Heron	(<u>A. h. occidentalis</u>)
Northern Green Heron	(<u>Butorides striatus</u>)
Little Blue Heron	(<u>Florida caerulea</u>)
Cattle Egret	(<u>Bubulcus ibis</u>)
Reddish Egret	(<u>Dichromanassa rufescens</u>)
Great Egret	(<u>Casmerodius albus</u>)
Snowy Egret	(<u>Egretta thula</u>)
Louisiana Heron	(<u>Hydranassa tricolor</u>)
Black-crowned Night Heron	(<u>Nycticorax nycticorax</u>)
Yellow-crowned Night Heron	(<u>Nyctanassa violacea</u>)
Least Bittern	(<u>Ixobrychus exilis</u>)
Wood Stork	(<u>Mycteria americana</u>)
Glossy Ibis	(<u>Plegadis falcinellus</u>)
White Ibis	(<u>Eudocimus albus</u>)
Scarlet Ibis	(<u>Eudocimus ruber</u>)
Roseate Spoonbill	(<u>Ajaia ajaja</u>)
*American Flamingo	(<u>Phoenicopterus ruber</u>)

*Colonial species occurring with waders at some sites but not necessarily breeding.

dominant (e.g. mangrove, cypress, or willow), the vegetation designation is accurate; at other sites, especially in northern Florida where swamps are comprised of a mixture of woody shrubs and trees, assessments of dominant vegetation types are probably over-simplified. Common and scientific names of plants mentioned in the atlas are listed in Table 2.

The following habitat types are found frequently in our colony characterizations. Their general descriptions are given below.

Cypress dome/head: a stand of cypress trees growing in a depression, with taller trees in the center and shorter ones on the perimeter, giving the stand a domed appearance. It often has a central pond.

Cypress strand: a stand of cypress growing in an elongated strip, either in a more open stand of cypress or surrounded by other types of vegetation.

Willowhead: A tree island of willow (Salix) growing in a depression; often circular or oval in shape.

Bayhead: a tree island growing in peat, dominated by bay trees, such as sweet bay (Magnolia virginiana) and red bay (Persea borbonia).

Marshy pond: a shallow pond with an open stand of grasses, sedges, or rushes.

Flag marsh: a marsh dominated by broad-leaved aquatic plants, such as pickerel weed (Pontederia), arrowhead (Sagittaria), fire flag (Thalia).

Swamp hardwoods: a stand of hardwoods (usually gums, tupelo, maples, and oaks) growing in a swampy location.

Mesic hammock: a cabbage palm/live oak hardwood hammock on a limestone outcropping, with abundant subsurface water.

Hardwood hammock: a stand of hardwood trees surrounded by another type of vegetation.

Pine flatwoods: an open stand of pine, usually with an understory of saw palmetto (Serenoa repens).

Despite aforementioned shortcomings, the estimates for Brown Pelicans, Cattle Egrets, Great Blue Herons, Great Egrets, Roseate Spoonbills, White Ibises, and Wood Storks reasonably represent the nesting populations within the area covered. Aerial censusing does have the advantage of providing information for a large geographic region in a relatively short time period. It is hoped that these data will be useful in stimulating subsequent censuses and increasing awareness of the precarious status of waders in Florida.

Table 2. Common and scientific names (from Long and Lakela 1971) of plant species discussed in this atlas.

Common name	Scientific name
Batis	<u>Batis maritima</u>
Buttonbush	<u>Cephalanthus occidentalis</u>
Cabbage Palm	<u>Sabal palmetto</u>
Casuarina	<u>Casuarina</u> spp.
Cattail	<u>Typha</u> spp.
Custard Apple	<u>Annona glabra</u>
Cypress (Bald)	<u>Taxodium distichum</u>
Elderberry, Elder	<u>Sambucus simpsonii</u>
Flag	<u>Thalia geniculata</u> ,
Gum	<u>Nyssa sylvatica</u> , or <u>Liquidamber styraciflua</u>
Lantana	<u>Lantana</u> spp.
Leather Fern	<u>Acrostichum aureum</u>
Mangrove	<u>Avicennia germinans</u> or <u>Rhizophora mangle</u>
Maple	<u>Acer rubrum</u>
Melaleuca	<u>Melaleuca quinquenervia</u>
Oak	<u>Quercus</u> spp.
Palm	<u>Sabal palmetto</u>
Palmetto	<u>Serenoa repens</u>
Pickereel Weed	<u>Pontederia lanceolata</u>
Pine	<u>Pinus</u> spp.
Pond Apple	<u>Annona glabra</u>
Prickly Pear Cactus	<u>Opuntia</u> spp.
Red Bay	<u>Persea borbonia</u>
Red Maple	<u>Acer rubrum</u>
Sabal Palmetto	<u>Sabal palmetto</u>
Saltbush	<u>Baccharis</u> spp.
Sawgrass	<u>Cladium jamaicensis</u>
Saw Palmetto	<u>Serenoa repens</u>
Schinus	<u>Schinus terebinthefolius</u>
Spartina	<u>Spartina</u> spp.
Sweet Bay	<u>Magnolia virginiana</u>
Water Oak	<u>Quercus nigra</u>
Wax myrtle	<u>Myrica cerifera</u>
Willow	<u>Salix caroliniana</u>

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ORGANIZATION OF ATLAS

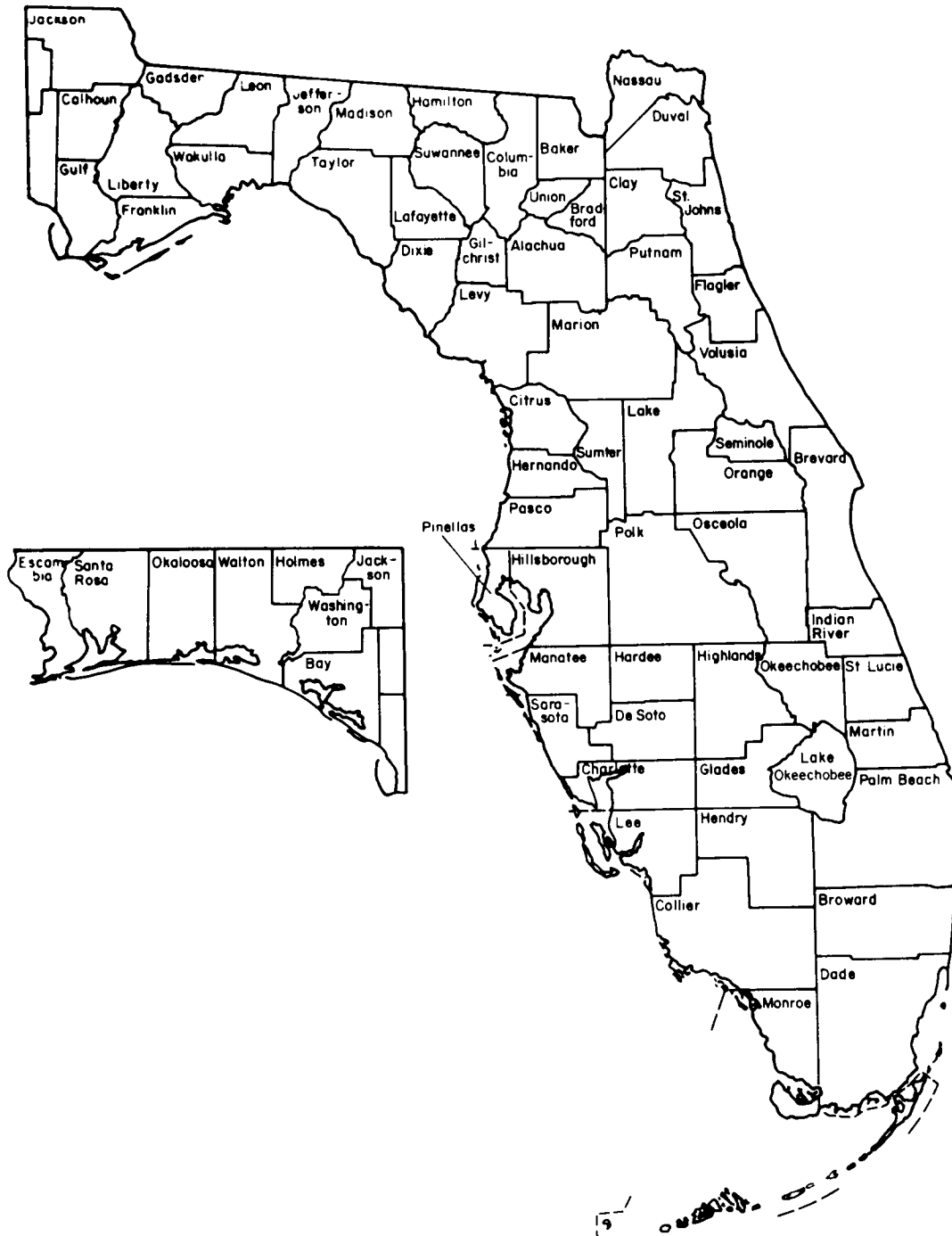
This atlas contains two kinds of maps and a data form for each colony. The first series of maps is of 47 Florida counties, arranged in alphabetical order. Each county map is followed by the colony data forms pertinent to that county and arranged in numerical sequence by colony number. Following the county maps and colony data forms are 1:250,000-scale maps; these correspond to USGS maps and show the distribution of colonies within drainage areas in the State.

Each colony is assigned a six-digit number: the first three identify the 1:250,000-scale map on which it appears, the last three identify the individual colony. Thus, colony no. 619001 is located on map no. 619, West Palm Beach, Florida. This numbering system and mapping scale have been used in all atlases produced by the U.S. Fish and Wildlife Services' National Coastal Ecosystems Team since 1975.

Data for each colony include its unique number and local name as well as latitude, longitude, township, range, and when possible, section and 1/4-section designation. In some instances, only 1/2-section designation is available and, if so, is listed under "1/4 section". If a colony is on an island, particularly if it is coastal, very often the island name is given instead of section and 1/4 section. The latter demarcations do not extend beyond the mainland on Florida county maps. A broad description of each site's surrounding habitat is given. An indication of approximate size, nesting substrate and proximity to human development are also included for each site.

The number of pairs of each species nesting at a site is indicated with the month and year of the survey. Species known to be present, but for which the number of pairs could not be estimated, are designated by a (+) sign. The use of more than one (+) in the species column signifies relative abundance; column totals never have more than one (+). A (---) indicates the species was not present at that site for that census. It is possible that a species indicated as not present was present in such low numbers that it was overlooked by the aerial survey. When a colony was apparently inactive at the time of the survey, the word "empty" is found in the column for that year. If birds were not nesting, an asterisk beside the estimate of each species indicates that all the estimated birds for that census and for that species were non-nesters. The total number of pairs listed for each species at each site is only a rough estimate, unless a more accurate census was made from the ground.

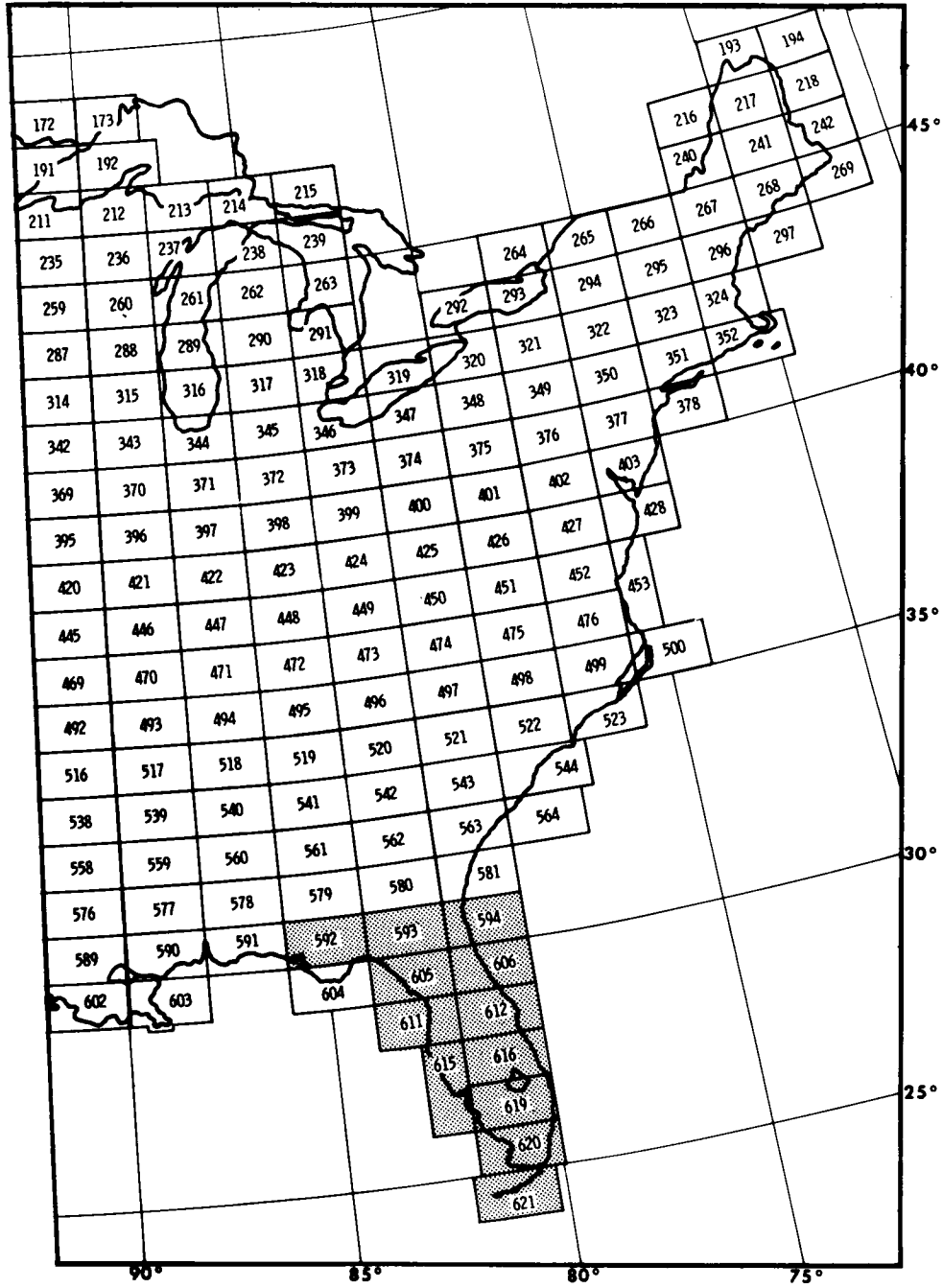
LOCATION OF FLORIDA COUNTIES



Index To County Maps

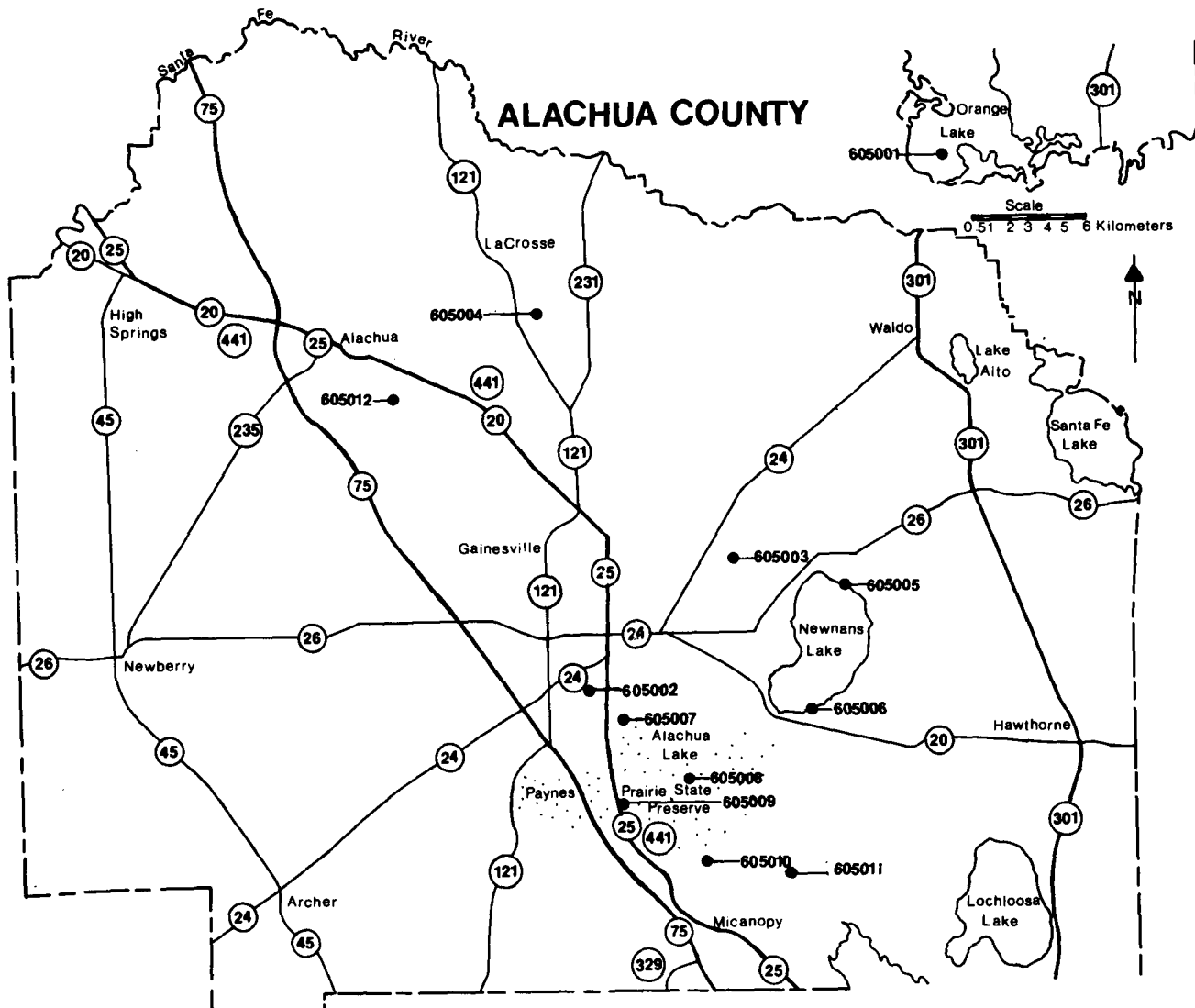
<u>County</u>	<u>Page</u>	<u>County</u>	<u>Page</u>
Alachua	14	✓Lee	219✓
Bradford	27	Leon	239
✓Brevard	29 ✓	✓Levy	243 ✓
✓Broward	47 ✓	Madison	247
✓Charlotte	59 ✓	✓Manatee	251 ✓
✓Citrus	68 ✓	Marion	258
✓Collier	79 ✓	Martin	262
✓Dade	104 ✓	✓Monroe	270 ✓
DeSoto	128	Okeechobee	316
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✓Flagler	143 ✓	✓Palm Beach	334 ✓
Gilchrist	145	✓Pasco	339 ✓
Glades	148	Pinellas	344
Hamilton	153	Polk	353
Hardee	157	✓St. Johns	374 ✓
Hendry	162	✓St. Lucie	378 ✓
✓Hernando	166 ✓	✓Sarasota	389 ✓
Highlands	174	Sumter	401
✓Hillsborough	180 ✓	Suwannee	405
✓Indian River	190 ✓	✓Taylor	407 ✓
Jefferson	198	✓Volusia	410 ✓
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LOCATOR FOR 1:250,000-SCALE MAPS



Index to 1:250,000-Scale Maps

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592	Tallahassee, FL	420
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611	Plant City, FL	425
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619	West Palm Beach, FL	429
620	Miami, FL	430
621	Key West, FL	431



COLONY NUMBER: 605001

COUNTY: Alachua

COLONY NAME: Bird Island (Orange Lake)

LAT. - LONG.: 29°26' - 82°12'

TOWNSHIP: 12S

RANGE: 21E

SECTION:

1/4 SECTION:

DESCRIPTION:

Colony site: Island in lake.

Habitat surrounding colony: Water and cattails.

Colony area: 16 ha

Nesting substrate: Willows and elderberry at seasonally flooded site.

Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1977	April 1978	July 1978
Anhinga	---	+	100	---	---	---
Little Blue Heron	---	150	---	---	---	---
Cattle Egret	4000	3000+	8000	5000++	5000+	2500
Great Egret	100	---	300	+	300+	---
Snowy Egret	---	---	---	+	---	---
Louisiana Heron	---	150	---	+	---	---
White Ibis	---	200	---	+++	200	---
TOTALS	4100	3500+	8400	5000+	5500+	2500

COLONY NUMBER: 605002

COUNTY: Alachua

COLONY NAME: Bivens Arm

LAT. - LONG.: 29°37' - 82°21'

TOWNSHIP: 10S

RANGE: 20E

SECTION: 18

1/4 SECTION:

DESCRIPTION: Colony site: Willows and elderberry at edge of lake.
Habitat surrounding colony: Open water, hardwoods, and lawn.
Colony area: 0.8 ha
Nesting substrate: Willows and medium-height shrubs over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	April 1978	August 1978
Cattle Egret	200	350	empty	empty
TOTALS	200	350	0	0

COLONY NUMBER: 605003

COUNTY: Alachua

COLONY NAME: Gainesville Airport

LAT. - LONG.: 29°42' - 82°16'

TOWNSHIP: 9S

RANGE: 20E

SECTION: 24

1/4 SECTION: SW

DESCRIPTION:

Colony site: Willow pond.

Habitat surrounding colony: Pines and maples.

Colony area: No data.

Nesting substrate: Willows and buttonbush over water.

Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	August 1978
Cattle Egret	300	450	400	empty	350
TOTALS	300	450	400	0	350

COLONY NUMBER: 605004

COUNTY: Alachua

COLONY NAME: LaCross

LAT. - LONG.: 29°48' - 82°22'

TOWNSHIP: 8S

RANGE: 19E

SECTION: 12

1/4 SECTION: SW

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Open water and cypress.
Colony area: 0.1 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1978
Cattle Egret	250-300
TOTALS	250-300

COLONY NUMBER: 605005

COUNTY: Alachua

COLONY NAME: Newnans Lake North

LAT. - LONG.: 29°40' - 82°13'

TOWNSHIP: 9S

RANGE: 21E

SECTION: 28/33

1/4 SECTION:

DESCRIPTION: Colony site: Cypress at edge of lake.
Habitat surrounding colony: Cypress, pines, and water.
Colony area: 0.8 ha
Nesting substrate: Cypress at seasonally flooded site in 1976
and over high ground in 1977.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	June 1977	April 1978	August 1978
Great Blue Heron	6	empty	40	empty	empty	empty
TOTALS	6	0	40	0	0	0

COLONY NUMBER: 605006

COUNTY: Alachua

COLONY NAME: Newnans Lake South

LAT. - LONG.: 29°37' - 82°14'

TOWNSHIP: 10S

RANGE: 21E

SECTION: 20

1/4 SECTION: N

DESCRIPTION: Colony site: Cypress dome with willow pond in center.
Habitat surrounding colony: Cypress, pines, and pasture.
Colony area: 1.6 ha
Nesting substrate: Cypress and willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977	April 1978	July 1978
Anhinga	50	empty	---	empty
Great Blue Heron	125		30	
Great Egret	400		150	
TOTALS	575	0	180	0

COLONY NUMBER: 605007

COUNTY: Alachua

COLONY NAME: Oak Grove

LAT. - LONG.: 29°37' - 82°19'

TOWNSHIP: 10S

RANGE: 20E

SECTION: 20

1/4 SECTION: NE

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977	April 1978	August 1978
Great Blue Heron	6	empty	empty	---
Little Blue Heron	---			+
Cattle Egret	---			200
TOTALS	6	0	0	200+

COLONY NUMBER: 605008

COUNTY: Alachua

COLONY NAME: Paynes Prairie Dikes

LAT. - LONG.: 29°35' - 82°18'

TOWNSHIP: 10S

RANGE: 20E

SECTION: 27

1/4 SECTION: S mid

DESCRIPTION: Colony site: Willowhead.

Habitat surrounding colony: Pines, open water, cattails, and
pickereel weed.

Colony area: 2.0 ha

Nesting substrate: Willows over water.

Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1977	April 1978	August 1978
Anhinga	40	+	30	empty	empty	20
Great Blue Heron	20	+	8			---
Cattle Egret	---	---	---			400
Louisiana Heron	---	---	10			---
TOTALS	60	+	48	0	0	420

COLONY NUMBER: 605009

COUNTY: Alachua

COLONY NAME: Paynes Prairie 441

LAT. - LONG.: 29°34' - 82°20'

TOWNSHIP: 10S & 11S RANGE: 20E SECTION: Land Grant Lot #1 1/4 SECTION: NE

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh.
Colony area: 1.0 ha
Nesting substrate: Willows at seasonally flooded site.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	August 1978
Anhinga	---	empty	40	empty	400
Great Blue Heron	6		20		---
Cattle Egret	---		---		1000
TOTALS	6	0	60	0	1400

COLONY NUMBER: 605010

COUNTY: Alachua

COLONY NAME: Paynes Prairie South

LAT. - LONG.: 29°32' - 82°17'

TOWNSHIP: 11S RANGE: 20E SECTION: Land Grant Lot #9 1/4 SECTION: NE

DESCRIPTION: Colony site: Buttonbush swamp.
Habitat surrounding colony: Maples, buttonbush, and mesic
hammock.
Colony area: 4.4 ha
Nesting substrate: Maples and buttonbush over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	April 1977	April 1978	August 1978
Little Blue Heron	20	25	12	empty
Snowy Egret	---	15	---	
TOTALS	20	40	12	0

COLONY NUMBER: 605011

COUNTY: Alachua

COLONY NAME: River Styx

LAT. - LONG.: 29°31' - 82°14'

TOWNSHIP: 11S RANGE: 21E SECTION: Land Grant Lot 11-12 1/4 SECTION: W mid

DESCRIPTION: Colony site: Large flattop cypress.
Habitat surrounding colony: Cypress swamp.
Colony area: 0.6 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1977	April 1978	August 1978
Great Blue Heron	30	---	---	---	---	---
Great Egret	---	---	---	---	+	---
Wood Stork	70	20	150	50	50-100	10*
TOTALS	100	20	150	50	50-100+	10*

*non-nesting individuals

COLONY NUMBER: 605C12

COUNTY: Alachua

COLONY NAME: San Falasco Hammock

LAT. - LONG.: 29°45' - 82°27'

TOWNSHIP: 8S

RANGE: 19E

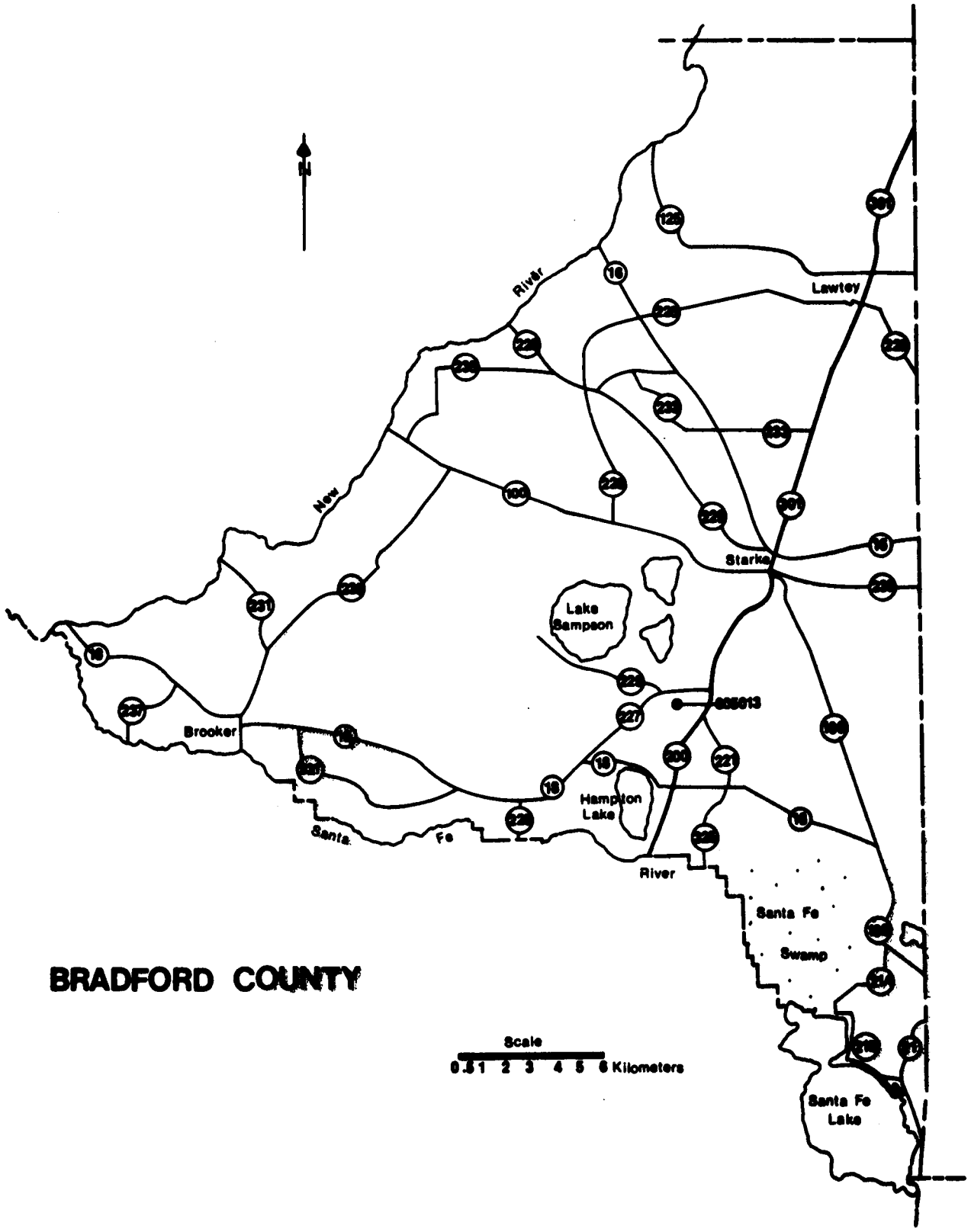
SECTION: 38

1/4 SECTION: N mid

DESCRIPTION: Colony site: Buttonbush pond.
Habitat surrounding colony: Hardwood hammock.
Colony area: 0.4 ha
Nesting substrate: Buttonbush over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	July 1977	April 1978	August 1978
Cattle Egret	600	empty	empty	empty	300
TOTALS	600	0	0	0	300



BRADFORD COUNTY

Scale
0 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 605013

COUNTY: Bradford

COLONY NAME: Northwest of Hampton

LAT. - LONG.: 29°54' - 82°09'

TOWNSHIP: 7S

RANGE: 21E

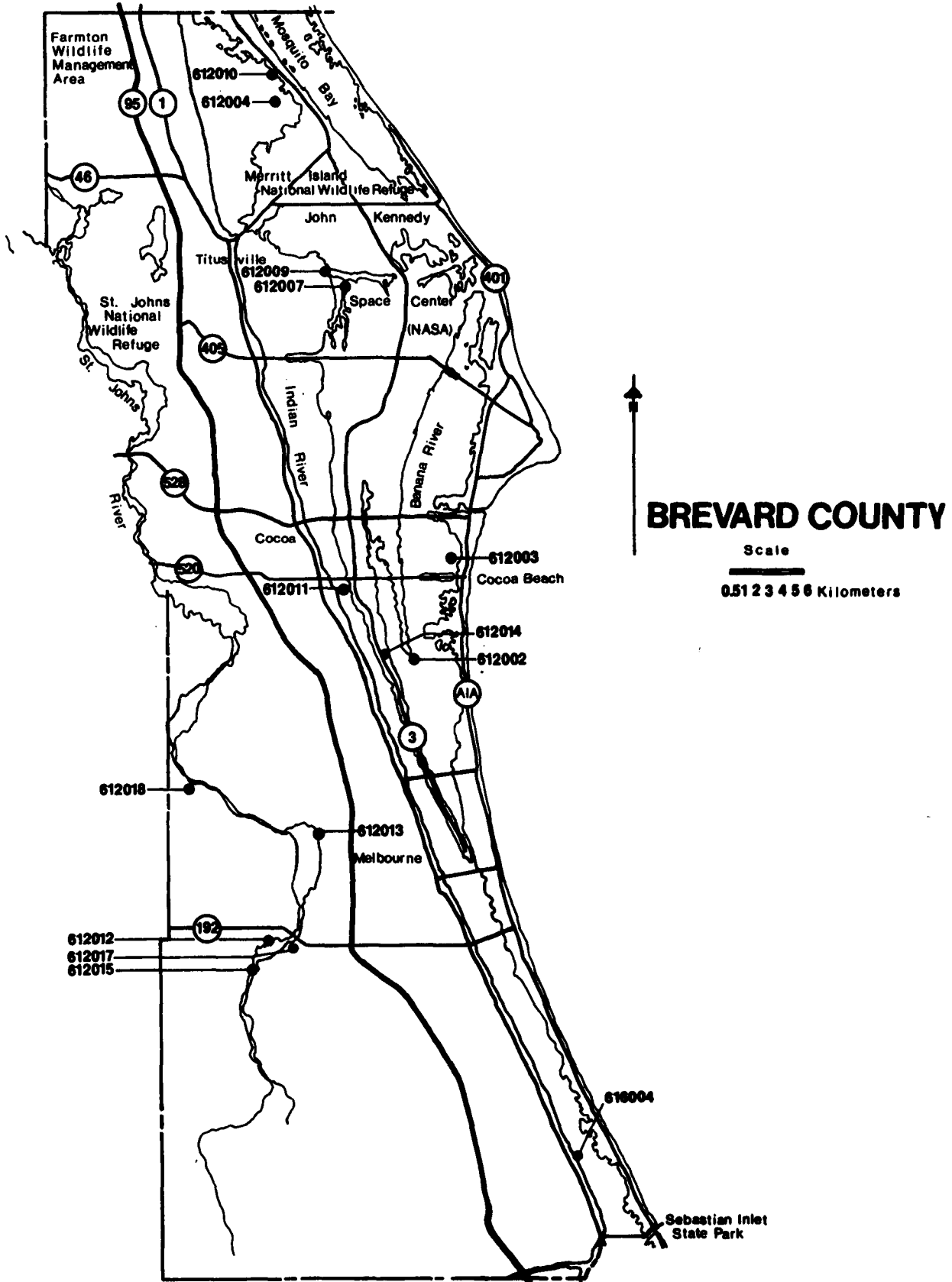
SECTION: 12

1/4 SECTION: SE

DESCRIPTION: Colony site: Woody shrubs in center of swamp.
Habitat surrounding colony: Swamp with standing dead trees.
Colony area: 0.1 ha
Nesting substrate: Woody shrubs over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	April 1978	August 1978
Great Egret	30	empty	empty
TOTALS	30	0	0



COLONY NUMBER: 612002

COUNTY: Brevard

COLONY NAME: Buck Point - George and
Brady Islands

LAT. - LONG.: 28°18' - 80°39'

TOWNSHIP: 25S

RANGE: 37E

SECTION: 20

1/4 SECTION: W

DESCRIPTION: Colony site: Estuarine island.
Habitat surrounding colony: Open water.
Colony area: 0.5-1.0 ha, each.
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

Note: Islands were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check June 1976	Ground check July 1976	April 1977	May 1978	August 1978
Brown Pelican	250	225	62	350	300	200
Double-crested Cormorant	300	450	65	400	150	200
Great Blue Heron	+	3	6	---	---	---
Cattle Egret	200	425	450	+	---	---
Great Egret	100	35	30	200	150	50
Louisiana Heron	---	25	---	---	---	---
Black-crowned Night Heron	---	---	30	---	---	---
Egret spp.	---	30	---	---	---	---
Roseate Spoonbill	---	5	---	---	---	---
TOTALS	850+	1198	643	950+	600	450

COLONY NUMBER: 612003

COUNTY: Brevard

COLONY NAME: Hall Island

LAT. - LONG.: 28°22' - 80°37'

TOWNSHIP: 24S

RANGE: 37E

SECTION: 27

1/4 SECTION: N mid

DESCRIPTION: Colony site: Estuarine island.
Habitat surrounding colony: Open water.
Colony area: 6.0 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check June 1976	Ground check July 1976	April 1977	August 1978
Brown Pelican	125	250	30	150	200*
Double-crested Cormorant	150	300	30	300	30
Magnificent Frigatebird	---	30*	50*	---	---
Great Blue Heron	---	15	15	---	---
Great Egret	15	---	---	80	---
Wood Stork	---	6*	6*	---	---
Roseate Spoonbill	---	3*	---	---	---
Flamingo	---	1*	---	---	---
TOTALS	290	565 40*	75 56*	530	30 200*

*non-nesting individuals

COLONY NUMBER: 612004

COUNTY: Brevard

COLONY NAME: Haulover Canal

LAT. - LONG.: 28°44' - 80°46'

TOWNSHIP: 20S RANGE: 35/36E SECTION: 25/30 1/4 SECTION:

DESCRIPTION: Colony site: Estuarine spoil island.
Habitat surrounding colony: Open water.
Colony area: No data.
Nesting substrate: Casuarina and elderberry at seasonally flooded site.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check June 1976	Ground check July 1976	April 1977	April 1978
Double-crested Cormorant	---	1	26	20	---
Great Blue Heron	20	2	---	30	30
Little Blue Heron	---	10	100	100	+
Cattle Egret	350	200	875	875	500
Reddish Egret	---	---	---	---	1
Great Egret	30	2	35	100	50
Snowy Egret	---	75	80	---	300
Louisiana Heron	---	250	325	100	700
Black-crowned Night Heron	---	---	---	---	12
Glossy Ibis	---	12	16	+	20
White Ibis	---	83	25	---	500
TOTALS	400	635	1482	1225+	2113+

COLONY NUMBER: 612007

COUNTY: Brevard

COLONY NAME: Moore Creek (Subcolony 1)

LAT. - LONG.: 28°35' - 80°42'

TOWNSHIP: 22S

RANGE: 36E

SECTION: 15

1/4 SECTION:

DESCRIPTION: Colony site: Island in creek.
Habitat surrounding colony: Water
Colony area: 1 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	Ground check July 1976	April 1977	April 1978
Double-crested Cormorant	62	100	400	Colony active but not censused.
Anhinga	50	25	---	
Great Blue Heron	5	10	100	
Little Blue Heron	12	30	---	
Cattle Egret	300	300	---	
Great Egret	75	50	---	
Snowy Egret	400	35	---	
Louisiana Heron	37	200	---	
Wood Stork	250	6	600	
Glossy Ibis	5	10	---	
White Ibis	---	50	800	
TOTALS	1196	816	1900	

COLONY NUMBER: 612007

COUNTY: Brevard

COLONY NAME: Moore Creek South
(Subcolony 2)

LAT. - LONG.: 28°35' - 80°42'

TOWNSHIP: 22S

RANGE: 36E

SECTION: 15

1/4 SECTION:

DESCRIPTION: Colony site: Island in creek.
Habitat surrounding colony: Water.
Colony area: 4.4 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check July 1976
Double-crested Cormorant	330
Anhinga	20
Green Heron	6
Cattle Egret	900
Great Egret	15
Louisiana Heron	100
Heron spp.	50
White Ibis	200
TOTALS	1621

COLONY NUMBER: 612009

COUNTY: Brevard

COLONY NAME: Banana Creek

LAT. - LONG.: 28°36' - 80°43'

TOWNSHIP: 22S

RANGE: 36E

SECTION: 9

1/4 SECTION:

DESCRIPTION: Colony site: Island in creek.
Habitat surrounding colony: Water and salt marsh.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	Ground check July 1978
Anhinga	---	---	200
Great Blue Heron	6	25	---
Cattle Egret	---	---	500
Great Egret	---	70	100
Snowy Egret	---	---	+
Louisiana Heron	---	---	+
TOTALS	6	95	800+

COLONY NUMBER: 612010

COUNTY: Brevard

COLONY NAME: Haulover Canal 2

LAT. - LONG.: 28°45' - 80°46'

TOWNSHIP: 20S

RANGE: 36E

SECTION:

1/4 SECTION:

DESCRIPTION: Colony site: Estuarine spoil island.
Habitat surrounding colony: Open water.
Colony area: No data.
Nesting substrate: Mangroves, Casuarina, and Schinus.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check June 1976
Green Heron	6
Little Blue Heron	12
Cattle Egret	225
Great Egret	20
Snowy Egret	35
Heron spp.	200
Glossy Ibis	10
White Ibis	6*
<hr/>	
TOTALS	508 6*

*non-nesting individuals

COLONY NUMBER: 612011

COUNTY: Brevard

COLONY NAME: Kewanis Pt.

LAT. - LONG.: 28°21' - 80°42'

TOWNSHIP: 24S

RANGE: 37E

SECTION: 35

1/4 SECTION: NW

DESCRIPTION: Colony site: Spoil island in impoundment.
Habitat surrounding colony: Water.
Colony area: 1.2 ha
Nesting substrate: Willows, buttonbush and Baccharis over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	August 1978
Anhinga	---	+	---	20
Little Blue Heron	---	---	200	---
Cattle Egret	300	700	500	200
Great Egret	---	50	---	---
TOTALS	300	750+	700	220

COLONY NUMBER: 612012

COUNTY: Brevard

COLONY NAME: Lake Sawgrass (Subcolony 1)

LAT. - LONG.: 28°05' - 80°47'

TOWNSHIP: 28S

RANGE: 35E

SECTION: 1/2

1/4 SECTION:

DESCRIPTION: Colony site: Willows and shrubs along canal.
Habitat surrounding colony: Sawgrass and other marsh grasses.
Colony area: < 1.0 ha
Nesting substrate: Willows and medium-height shrubs over water.
Proximity to human disturbance: > 0.8 km

Note: Colony moved in June 1977 to Sawgrass Colony, Brevard County (No. 612015).

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	May 1977	June 1977	June 1978
Great Blue Heron	15	empty	empty	empty
Little Blue Heron	15			
Cattle Egret	1800			
Snowy Egret	75			
TOTALS	1905	0	0	0

COLONY NUMBER: 612012

COUNTY: Brevard

COLONY NAME: Lake Sawgrass. (Subcolony 2)

LAT. - LONG.: 28°05' - 80°47'

TOWNSHIP: 28S

RANGE: 35E

SECTION: 1/2

1/4 SECTION:

DESCRIPTION: Colony site: Willows and shrubs along canal.
Habitat surrounding colony: Sawgrass and other marsh grasses.
Colony area: 1.0 ha
Nesting substrate: Willows and medium-height shrubs over water.
Proximity to human disturbance: >0.8 km

Note: Colony moved in June 1977 to Sawgrass Colony Brevard County (No. 612015).

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	1977-1978
Great Blue Heron	50	empty
Little Blue Heron	50	
Cattle Egret	500	
Snowy Egret	50	
Black-crowned Night Heron	15	
TOTALS	665	0

COLONY NUMBER: 612013

COUNTY: Brevard

COLONY NAME: Lake Washington (Subcolony 1)

LAT. - LONG.: 28°10' - 80°44'

TOWNSHIP: 27S

RANGE: 36E

SECTION: 4

1/4 SECTION: NW

DESCRIPTION:

Colony site: Willows.

Habitat surrounding colony: Willows.

Colony area: 0.4 ha

Nesting substrate: Willows and shrubs over water (may be seasonally flooded).

Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	May 1977	June 1977	May 1978	June 1978
Little Blue Heron	25	empty	---	empty	empty
Cattle Egret	500		150		
White Ibis	100		---		
TOTALS	625	0	150	0	0

COLONY NUMBER: 612013

COUNTY: Brevard

COLONY NAME: Lake Washington (Subcolony 2)

LAT. - LONG.: 28°10' - 80°44'

TOWNSHIP: 27S

RANGE: 36E

SECTION: 4

1/4 SECTION: SW

DESCRIPTION:

Colony site: Willows.

Habitat surrounding colony: Willows.

Colony area: No data.

Nesting substrate: Willows over water (may be seasonally flooded).

Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1977	May 1978	June 1978
Little Blue Heron	5	empty	empty
Cattle Egret	50		
TOTALS	55	0	0

COLONY NUMBER: 612014

COUNTY: Brevard

COLONY NAME: Newfound Harbor

LAT. - LONG.: 28°18' - 80°40'

TOWNSHIP: 25S

RANGE: 37E

SECTION: 18

1/4 SECTION: W

DESCRIPTION: Colony site: Mangroves along edge of river.
Habitat surrounding colony: Marsh grasses and water.
Colony area: 0.4 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1978
Little Blue Heron	50
Cattle Egret	500
Louisiana Heron	50
TOTALS	600

COLONY NUMBER: 612015

COUNTY: Brevard

COLONY NAME: Sawgrass

LAT. - LONG: 28°04' - 80°47'

TOWNSHIP: 28S

RANGE: 35E

SECTION: 11

1/4 SECTION:

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Water.
Colony area: 0.4 ha
Nesting substrate: Willows at seasonally flooded site.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1977	May 1978	June 1978
Cattle Egret	500	500	250
Louisiana Heron	150	10	---
TOTALS	650	510	250

COLONY NUMBER: 612017

COUNTY: Brevard

COLONY NAME: Sweetwater Camp (Camp Holly) LAT. - LONG: 28°05' - 80°45'

TOWNSHIP: 28S RANGE: 36E SECTION: 5 1/4 SECTION: SW

DESCRIPTION: Colony site: Willows in a water impoundment.
Habitat surrounding colony: Freshwater marsh.
Colony area: 10.0 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1977	May 1978	June 1978
Anhinga	50	---	---
Little Blue Heron	100	+	+
Cattle Egret	2500	3000	8000
Great Egret	10	---	---
Snowy Egret	---	+	+
Louisiana Heron	---	+	---
Yellow-crowned Night Heron	25+	---	---
TOTALS	2685+	3000+	8000+

COLONY NUMBER: 612018

COUNTY: Brevard

COLONY NAME: Winder South

LAT. - LONG: 28°12' - 80°51'

TOWNSHIP: 26S

RANGE: 35E

SECTION: 20

1/4 SECTION:

DESCRIPTION: Colony site: Island in river.
Habitat surrounding colony: Willows and sawgrass.
Colony area: 0.4 ha
Nesting substrate: Willows at seasonally flooded site.
Proximity to human disturbance: >0.8 ha

SPECIES COMPOSITION (number of nesting pairs):

	May 1978	June 1978
Anhinga	---	25
Cattle Egret	250	2000
TOTALS	250	2025

COLONY NUMBER: 616004

COUNTY: Brevard

COLONY NAME: Grant's Farm Island

LAT. - LONG: 27°55' - 80°31'

TOWNSHIP: 29S

RANGE: 38E

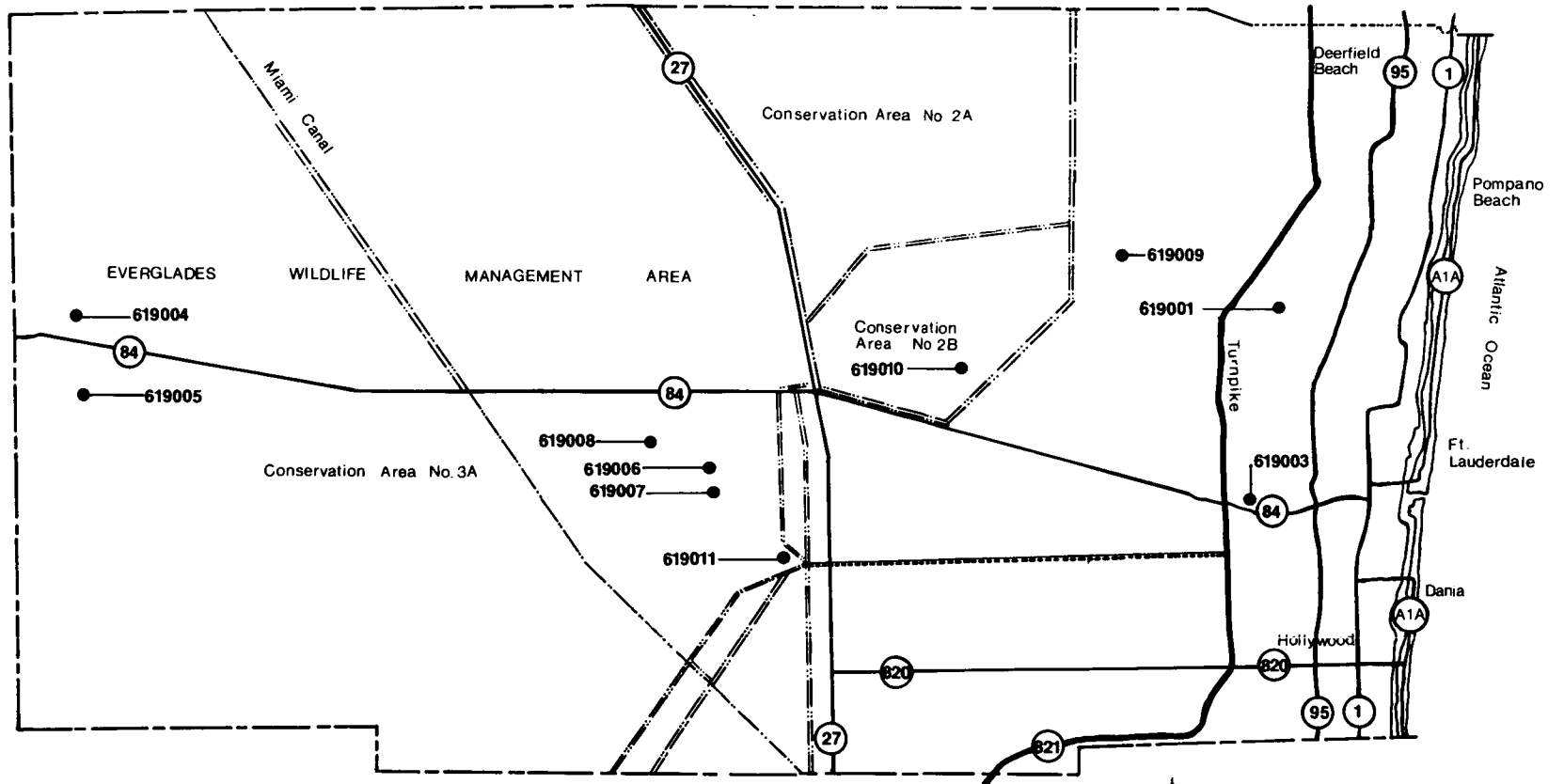
SECTION: 34

1/4 SECTION:

DESCRIPTION: Colony site: Spoil island in river.
Habitat surrounding colony: Water; north end of island inhabited by people.
Colony area: 7.0 ha
Nesting substrate: Casuarina, cabbage palm, mangroves, and medium-height shrubs (Schinus) over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	Ground check July 1976	Ground check May 1977	May 1978	June 1978
Double-crested Cormorant	25	25	125	50	50
Anhinga	11	16	35	---	50
Great Blue Heron	5	---	10	10	---
Little Blue Heron	36	40	100	---	---
Cattle Egret	1156	1220	1850	1000+	5000
Great Egret	20	40	35	25	50
Snowy Egret	110	45	1	150±	---
Louisiana Heron	201	75	225	100	+
Black-crowned Night Heron	15	10	36	---	---
White Ibis	58	615	630	500	1500
TOTALS	1637	2086	3047	1835+	6650+



BROWARD COUNTY



COLONY NUMBER: 619001

COUNTY: Broward

COLONY NAME: Executive Airport

LAT. - LONG.: 26°11' - 80°11'

TOWNSHIP: 49S

RANGE: 42E

SECTION: 17

1/4 SECTION: W

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.04 ha
Nesting substrate: Willows, mangroves, and pond apples over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1977	July 1978
Cattle Egret	20	50±	100
TOTALS	20	50±	100

COLONY NUMBER: 619003

COUNTY: Broward

COLONY NAME: Power Plant Pond

LAT. - LONG.: 26°05' - 80°12'

TOWNSHIP: 50S

RANGE: 42E

SECTION: 19

1/4 SECTION: SW

DESCRIPTION: Colony site: Mangroves in a water impoundment.
Habitat surrounding colony: Mangroves and leather ferns.
Colony area: 1.0 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	July 1977	June 1978
Green Heron	4	---	empty
Little Blue Heron	50	50±	
Louisiana Heron	4	---	
Yellow-crowned Night Heron	2	---	
TOTALS	60	50±	0

COLONY NUMBER: 619004

COUNTY: Broward

COLONY NAME: Alligator Alley North

LAT. - LONG.: 26°11' - 80°50'

TOWNSHIP: 49S

RANGE: 35E

SECTION:

1/4 SECTION:

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Impounded freshwater marsh and ranch land.
Colony area: 1.2 ha
Nesting substrate: Willows and custard apples over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1976	April 1977	July 1977	May 1978	July 1978
Little Blue Heron	---	++	empty	empty	empty	empty
Cattle Egret	---	100+				
Great Egret	300	300				
Snowy Egret	400+	400				
Yellow-crowned Night Heron	+	---				
TOTALS	700+	800+	0	0	0	0

COLONY NUMBER: 619005

COUNTY: Broward

COLONY NAME: Alligator Alley South

LAT. - LONG.: 26°09' - 80°50'

TOWNSHIP: 50S

RANGE: 35E

SECTION:

1/4 SECTION:

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Impounded freshwater marsh.
Colony area: No data.
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	October 1977	April 1978	June 1978
Anhinga	+	empty	+	---	empty
Great Blue Heron	1		---	---	
Little Blue Heron	25-50		---	---	
Cattle Egret	500-700		+	---	
Great Egret	200-300		+	100+	
Snowy Egret	100		---	---	
Heron spp.	---		+	---	
TOTALS	826-1151+	0	+	100+	0

COLONY NUMBER: 619006

COUNTY: Broward

COLONY NAME: Andytown East

LAT. - LONG.: 26°06' - 80°30'

TOWNSHIP: 50S

RANGE: 38E

SECTION: 12/13

1/4 SECTION:

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Impounded freshwater marsh.
Colony area: 1.8 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	May 1976	June 1976	Ground check April 1977	June 1977	April 1978	June 1978
Little Blue Heron	---	---	+	---	---	---	---
Cattle Egret	---	---	---	---	500-1000	50-75*	2000
Great Egret	250+	---	500	1140	500+	1200++	300-400*
Snowy Egret	2500	---	1000	1896	500-1000	50+	200-300
Egret spp.	---	+++	---	---	---	---	---
Louisiana Heron	100+	---	100	1212	500-1000	+	50*
Glossy Ibis	---	---	---	96	---	---	---
White Ibis	---	5000-8000	---	---	5000±	---	---
TOTALS	2850+	5000-8000+	1600+	4344	7000-8500+	1250+ 50-75*	2200-2300 350-450*

*non-nesting individuals

COLONY NUMBER: 619007

COUNTY: Broward

COLONY NAME: Andytown Melaleuca

LAT. - LONG.: 26°05' - 80°30'

TOWNSHIP: 50S

RANGE: 38E

SECTION: 13/24

1/4 SECTION:

DESCRIPTION: Colony site: Melaleuca-head.
Habitat surrounding colony: Impounded freshwater marsh.
Colony area: 0.4 ha
Nesting substrate: Melaleuca.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	March 1977	April 1978	June 1978
Anhinga	---	---	---	---	25*
Great Blue Heron	50	5±	30-40	50+	4
TOTALS	50	5±	30-40	50+	4 25*

*non-nesting individuals

COLONY NUMBER: 619008

COUNTY: Broward

COLONY NAME: Andytown West

LAT. - LONG.: 26°07' - 80°32'

TOWNSHIP: 50S

RANGE: 38E

SECTION: 3

1/4 SECTION:

DESCRIPTION: Colony site: Willowhead.
 Habitat surrounding colony: Impounded freshwater marsh.
 Colony area: 1.2 ha
 Nesting substrate: Willows (herons) and herbaceous vegetation
 (white ibis).
 Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	April 1977	June 1977	April 1978	June 1978
Great Egret	---	empty	++	empty	5*	empty
Snowy Egret	150		---		---	
Louisiana Heron	---		++		---	
White Ibis	8000		---		---	
TOTALS	8150**	0	200-400***	0	5*	0

*non-nesting individuals

**colony empty (deserted) in May

***200-400 total nests, but species were not counted separately

COLONY NUMBER: 619009

COUNTY: Broward

COLONY NAME: Commercial Blvd.

LAT. - LONG.: 26°13' - 80°16'

TOWNSHIP: 49S

RANGE: 41E

SECTION:

1/4 SECTION:

DESCRIPTION: Colony site: Lake.
Habitat surrounding colony: No data.
Colony area: 2.0 ha
Nesting substrate: Medium height shrubs.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976
Cattle Egret	105
TOTALS	105

COLONY NUMBER: 619010

COUNTY: Broward

COLONY NAME: Conservation Area 2B
(Subcolony 1)

LAT. - LONG.: 26°10' - 80°21'

TOWNSHIP: 49S

RANGE: 40E

SECTION: 21

1/4 SECTION:

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Impounded freshwater marsh.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1976	April 1978	June 1978
Little Blue Heron	+	empty	empty
Cattle Egret	75		
TOTALS	75+	0	0

COLONY NUMBER: 619010

COUNTY: Broward

COLONY NAME: Conservation Area 2B
(Subcolony 2)

LAT. - LONG.: 26°10' - 80°21'

TOWNSHIP: 49S

RANGE: 40E

SECTION: 21

1/4 SECTION:

DESCRIPTION: Colony site: Melaleuca-head.
Habitat surrounding colony: Impounded freshwater marsh.
Colony area: No data.
Nesting substrate: Melaleuca.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	June 1978
Anhinga	+	empty
Great Blue Heron	+	
Great Egret	20	
Snowy Egret	5	
TOTALS	25+	0

COLONY NUMBER: 619011

COUNTY: Broward

COLONY NAME: Holiday Park Melaleuca

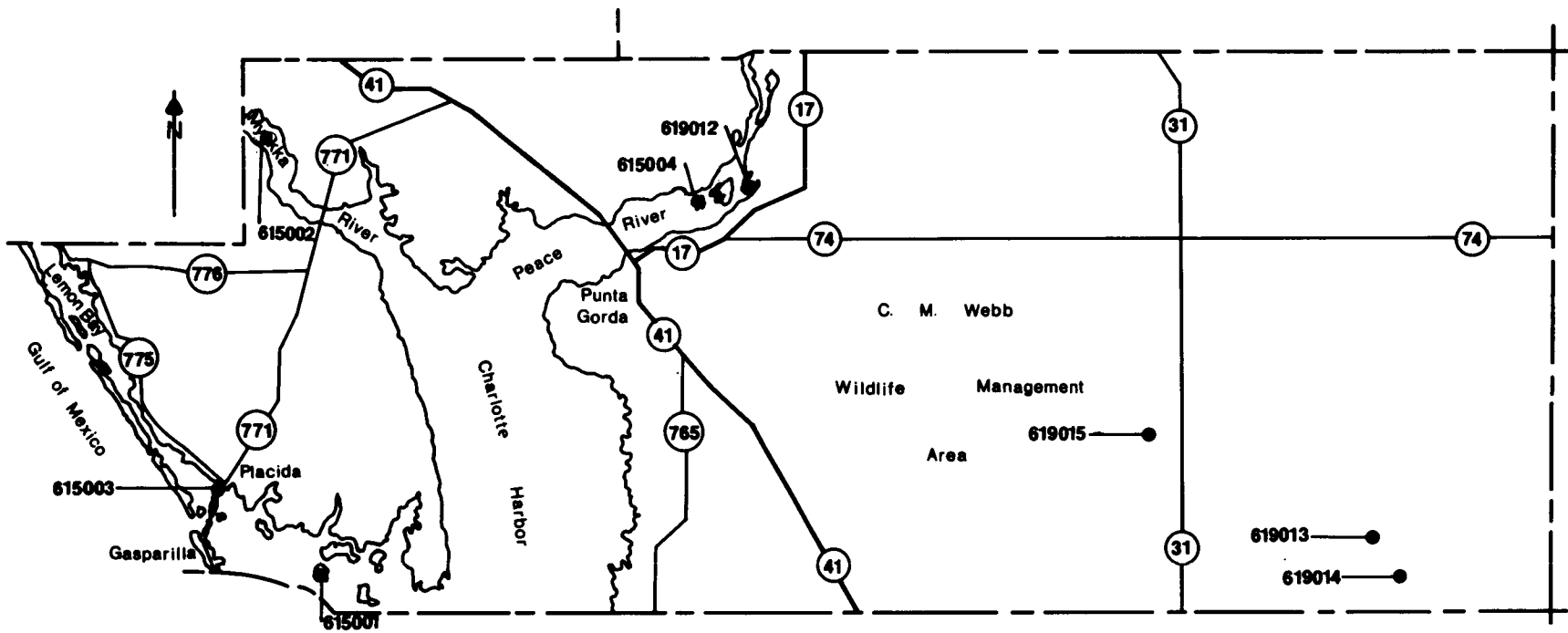
LAT. - LONG.: 26°04' - 80°27'

TOWNSHIP: 50S RANGE: 39E SECTION: 28/29 1/4 SECTION: S

DESCRIPTION: Colony site: Melaleuca-head.
Habitat surrounding colony: Impounded freshwater marsh.
Colony area: No data.
Nesting substrate: Melaleuca.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1977	April 1978	July 1978
Great Blue Heron	20	empty	empty
TOTALS	20	0	0



CHARLOTTE COUNTY



COLONY NUMBER: 615001

COUNTY: Charlotte

COLONY NAME: East of Boca Grande

LAT. - LONG: 26°48' - 82°13'

TOWNSHIP: 42S

RANGE: 21E

SECTION: 28

1/4 SECTION: S

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

Note: This colony was east of Boca Grande (Devilfish Key), Lee County, in 1976 and moved to the this location in Charlotte County in 1977.

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978
Great Blue Heron	10-15	empty
Great Egret	1-5	
Snowy Egret	---	
TOTALS	11-20	0

COLONY NUMBER: 615002

COUNTY: Charlotte

COLONY NAME: Mouth of the Myakka River
(Atoll)

LAT. - LONG: 27°00' - 82°15'

TOWNSHIP: 40S RANGE: 21E SECTION: 18 1/4 SECTION: NW

DESCRIPTION: Colony site: Spoil island in river.
Habitat surrounding colony: Water.
Colony area: 0.2 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: 1977 - <0.8 km
1978 - >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978	July 1978
Great Blue Heron	15	5	1
Cattle Egret	---	---	50
Great Egret	10	13	5
TOTALS	25	18	56

COLONY NUMBER: 615003

COUNTY: Charlotte

COLONY NAME: Placida

LAT. - LONG: 26°50' - 82°16'

TOWNSHIP: 42S

RANGE: 20E

SECTION: 12

1/4 SECTION: SW

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: 0.2 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	+	---	---	---	empty
Double-crested Cormorant	+	---	---	---	
Great Blue Heron	5	---	10-15	10±	
Great Egret	50-60	---	25-50	60-70	
Snowy Egret	40-50	---	+	10-15	
Louisiana Heron	---	---	+	---	
Egret spp. (Cattle & Snowy)	---	100±	---	---	
TOTALS	95-115+	100±	35-65+	80-95±	0

COLONY NUMBER: 615004

COUNTY: Charlotte

COLONY NAME: Punta Gorda

LAT. - LONG: 26°58' - 82°01'

TOWNSHIP: 40S

RANGE: 23E

SECTION: 28

1/4 SECTION: E

DESCRIPTION: Colony site: Island in river.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves over water.
Proximity to human disturbance: 1976 - > 0.8 km
1978 - < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	April 1977	April 1978	July 1978
Great Blue Heron	10	empty	17	1	empty
Great Egret	15		---	---	
TOTALS	25	0	17	1	0

COLONY NUMBER: 619012

COUNTY: Charlotte

COLONY NAME: Shell Creek Mouth

LAT. - LONG.: 26°59' - 81°59'

TOWNSHIP: 40S RANGE: 23E SECTION: 26 1/4 SECTION: NW

DESCRIPTION: Colony site: Island in river.
Habitat surrounding colony: Water.
Colony area: 0.2 ha
Nesting substrate: Mangroves
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	---	---	1	+
Cattle Egret	500	++	100	400
Great Egret	+	35-45	30	25
Snowy Egret	---	+	---	+
Louisiana Heron	---	---	---	+
TOTALS	500+	35-45+	131	425+

COLONY NUMBER: 619013

COUNTY: Charlotte

COLONY NAME: Telegraph Swamp Cypress

LAT. - LONG.: 26°48' - 81°40'

TOWNSHIP: 42S

RANGE: 26E

SECTION: 24

1/4 SECTION:

DESCRIPTION: Colony site: Cypress.

Habitat surrounding colony: Impounded cypress swamp (levee on both sides of natural swamp).

Colony area: 1.0 ha

Nesting substrate: Cypress over water.

Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	August 1978
Great Blue Heron	10-20	---
Great Egret	+	20
Wood Stork	75 (250-300*)	15-20
TOTALS	85-95+ (250-300*)	35-40

*non-nesting individuals

COLONY NUMBER: 619014

COUNTY: Charlotte

COLONY NAME: Telegraph Swamp Willow

LAT. - LONG.: 26°47' - 81°39'

TOWNSHIP: 42S

RANGE: 27E

SECTION: 30

1/4 SECTION:

DESCRIPTION: Colony site: Willow head in cypress strand.
Habitat surrounding colony: Impounded cypress swamp (levee on both sides of natural swamp).
Colony area: 2.0 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	August 1978
Little Blue Heron	100	---
Cattle Egret	1000	150-200
Great Egret	+	---
White Ibis	+	+
TOTALS	1100+	150-200+

COLONY NUMBER: 619015

COUNTY: Charlotte

COLONY NAME: Tucker's Corner

LAT. - LONG.: 26°51' - 81°47'

TOWNSHIP: 42S

RANGE: 25E

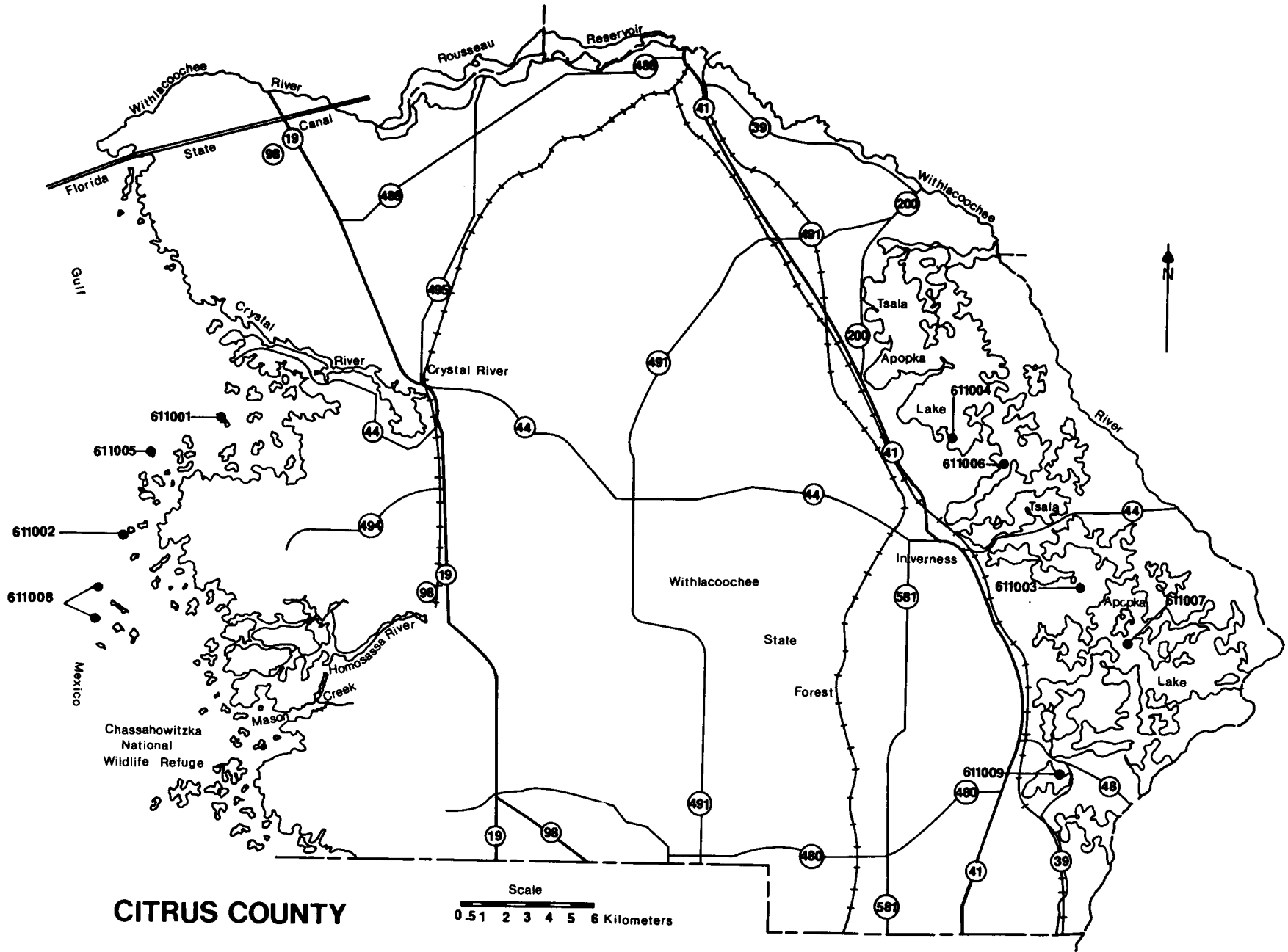
SECTION: 1/2

1/4 SECTION:

DESCRIPTION: Colony site: Willows in a marshy pond.
Habitat surrounding colony: Marshy pond and palm/pinewoods.
Colony area: 1.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Cattle Egret	1000
Great Egret	+
Louisiana Heron	+
TOTALS	1000+



CITRUS COUNTY

Scale
 0.51 2 3 4 5 6 Kilometers

COLONY NUMBER: 611001

COUNTY: Citrus

COLONY NAME: Crystal Bay

LAT. - LONG.: 28°53' - 82°41'

TOWNSHIP: 18S

RANGE: 16E

SECTION: 28

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water and mangrove islands.
Colony area: 1.0 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	5	empty	1-5	15+	10-15+
Little Blue Heron	+		---	+	---
Cattle Egret	---		---	---	1000
Great Egret	75		15-25	55	---
Snowy Egret	---		---	---	+
Louisiana Heron	+		---	+	++
Black-crowned Night Heron	---		---	---	+
White Ibis	---		50-100	200-250	50+
TOTALS	80+	0	66-130	270-320+	1060-1065+

COLONY NUMBER: 611002

COUNTY: Citrus

COLONY NAME: Grey Mare Pass

LAT. - LONG.: 28°50' - 82°44'

TOWNSHIP: 19S

RANGE: 15E

SECTION: 12

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water and mangrove islands.
Colony area: 0.2 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Great Blue Heron	+
Great Egret	30+
TOTALS	30+

COLONY NUMBER: 611003

COUNTY: Citrus

COLONY NAME: Lake Tsala Apopka

LAT. - LONG.: 28°49' - 82°16'

TOWNSHIP: 19S

RANGE: 20E

SECTION: 24

1/4 SECTION: SW

DESCRIPTION:

Colony site: Shrub island in marshy lake.

Habitat surrounding colony: Freshwater marshy lake.

Colony area: 0.1 ha

Nesting substrate: Willows, elderberry, and wax myrtle over water.

Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Little Blue Heron	---	+	---	---
Cattle Egret	500	1000+	50+	300-400
Great Egret	++	50+	75-100	25-50
Snowy Egret	---	---	+	---
Louisiana Heron	---	---	---	+
TOTALS	500+	1050+	125-150+	325-450+

COLONY NUMBER: 611004

COUNTY: Citrus

COLONY NAME: Lake Tsala Apopka West

LAT. - LONG.: 28°53' - 82°20'

TOWNSHIP: 18S

RANGE: 20E

SECTION: 32

1/4 SECTION:

DESCRIPTION:

Colony site: Willowhead in marshy lake.

Habitat surrounding colony: Freshwater marshy lake.

Colony area: 0.4 ha

Nesting substrate: Willows over water.

Proximity to human disturbance: 1976 -> 0.8 km

1978 -< 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Anhinga	+	15-20	---	---
Great Blue Heron	---	---	6-8	---
Cattle Egret	700-1000	---	---	200
Great Egret	---	---	3	+
TOTALS	700-1000+	15-20	9-11	200+

COLONY NUMBER: 611005

COUNTY: Citrus

COLONY NAME: Mangrove Point

LAT. - LONG.: 28°52' - 82°44'

TOWNSHIP: 18S

RANGE: 15E

SECTION:

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water and mangrove islands.
Colony area: 2.0 ha
Nesting substrate: Medium-height shrubs.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976
Brown Pelican	30
Double-crested Cormorant	500
Great Blue Heron	30
Little Blue Heron	80
Great Egret	200
Snowy Egret	100
Louisiana Heron	300
Black-crowned Night Heron	50
Yellow-crowned Night Heron	10
White Ibis	200
TOTALS	1500

COLONY NUMBER: 611006

COUNTY: Citrus

COLONY NAME: Northeast Inverness

LAT. - LONG.: 28°52' - 82°19'

TOWNSHIP: 19S

RANGE: 20E

SECTION: 4

1/4 SECTION:

DESCRIPTION:

Colony site: Shrub island in marshy lake.

Habitat surrounding colony: Freshwater marshy lake.

Colony area: 0.4 ha

Nesting substrate: Willows and myrtle bushes (mostly dead)
over water.

Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Cattle Egret	400
Louisiana Heron	+
TOTALS	400+

COLONY NUMBER: 611007

COUNTY: Citrus

COLONY NAME: Southwest of Grand Prairie

LAT. - LONG.: 28°48' - 82°15'

TOWNSHIP: 19S

RANGE: 21E

SECTION: 31

1/4 SECTION:

DESCRIPTION: Colony site: Willowhead in marshy lake.
Habitat surrounding colony: Freshwater marshy lake.
Colony area: 0.2 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Cattle Egret	400
TOTALS	400

COLONY NUMBER: 611008

COUNTY: Citrus

COLONY NAME: St. Martin's Islands
(Subcolony 1: North)

LAT. - LONG.: 28°49' - 82°45'

TOWNSHIP: 19S

RANGE: 15E

SECTION: 24/25

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water and mangrove islands.
Colony area: 2.6 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Doubled-crested Cormorant	---	---	---	400+	---
Great Blue Heron	10	5-10	5-10	5	+
Great Egret	60	150+	75	55	30
TOTALS	70	155-160+	80-85	460+	30+

COLONY NUMBER: 611008

COUNTY: Citrus

COLONY NAME: St. Martin's Islands
(Subcolony 2: South)

LAT. - LONG.: 28°48' - 82°45'

TOWNSHIP: 19S RANGE: 15E SECTION: 24/25 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water and mangrove islands.
Colony area: 2.6 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Double-crested Cormorant	---	empty	---	300-400	+
*Great Blue Heron	40-50		5-10	10	3
Great Egret	100		25-50	15-20	5
Snowy Egret	---		++	---	---
White Ibis	50+*		50-100	---	---
TOTALS	140-150 50+*	0	80-160+	325-430	8+

*non-nesting individuals

COLONY NUMBER: 611009

COUNTY: Citrus

COLONY NAME: Tsala Apopka South

LAT. - LONG.: 28°44' - 82°17'

TOWNSHIP: 20S

RANGE: 20E

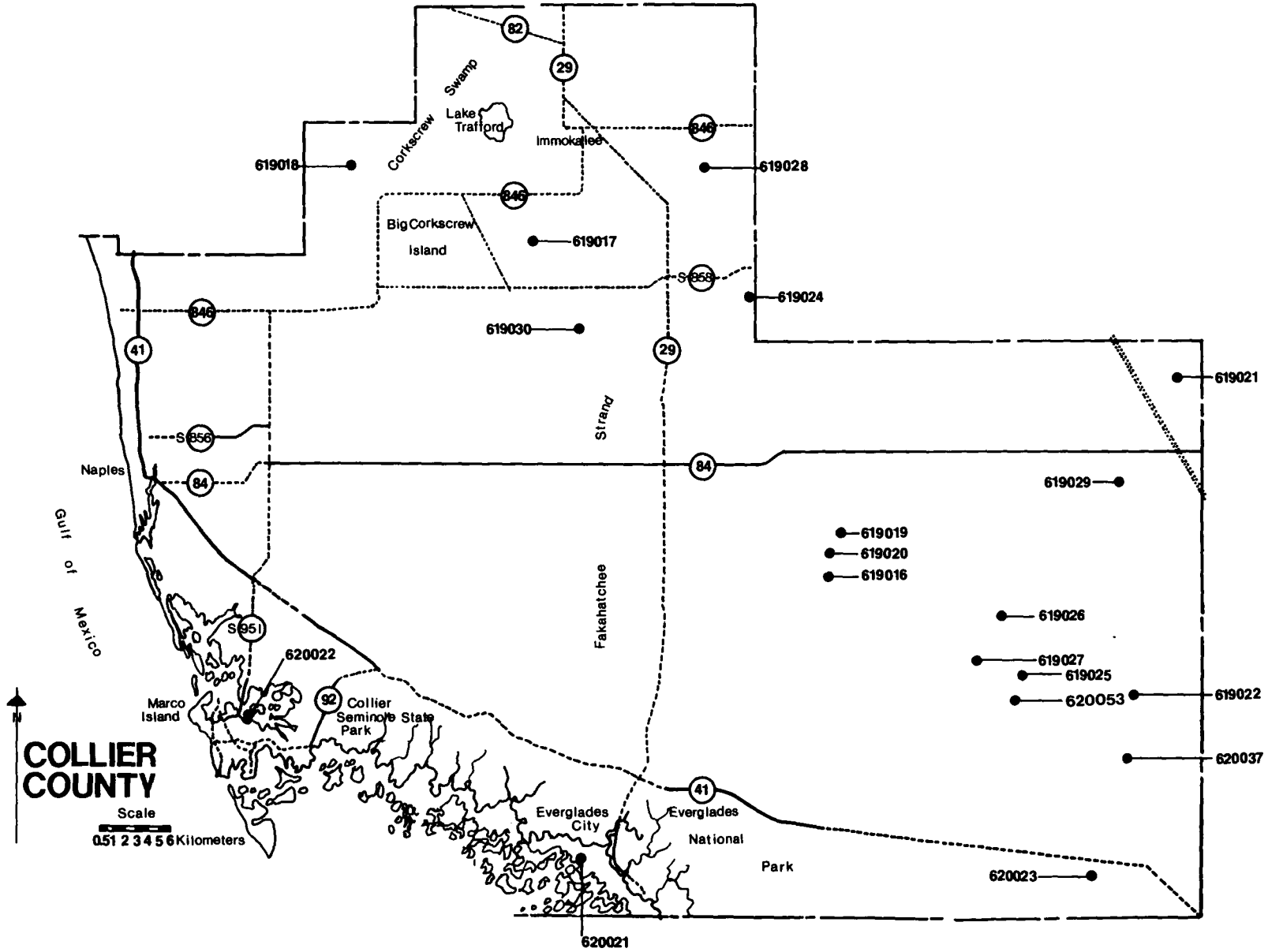
SECTION: 23

1/4 SECTION: N

DESCRIPTION: Colony site: Willowhead in marshy lake.
Habitat surrounding colony: Willows and freshwater marshy lake.
Colony area: 0.3 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: 1976 - >0.8 km
1978 - <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Anhinga	+	+	---	---	---
Great Blue Heron	1	---	---	---	---
Little Blue Heron	+	---	+	+	---
Cattle Egret	300+	500-1000	1000+	1000	1500
Great Egret	25+	---	25	10	+
Snowy Egret	++	---	---	---	---
Louisiana Heron	---	---	+	+	+
White Ibis	50-100	---	---	---	---
TOTALS	376-426+	500-1000+	1025+	1010+	1500+



COLONY NUMBER: 619016

COUNTY: Collier

COLONY NAME: Big Cypress 3
(Subcolonies 1 and 2)

LAT. - LONG.: 26°05' - 81°11'

TOWNSHIP: 50S

RANGE: 31E
(SE corner)

SECTION:

1/4 SECTION:

DESCRIPTION: Colony site: Marsh ponds in cypress dome.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

Note: Subcolonies 1 and 2 were not censused separately

SPECIES COMPOSITION (number of nesting pairs):

	July 1977
Little Blue Heron	25+
Cattle Egret	100+
TOTALS	125+

COLONY NUMBER: 619016

COUNTY: Collier

COLONY NAME: Big Cypress 3
(Subcolony 3)

LAT. - LONG.: 26°05' - 81°11'

TOWNSHIP: 50S

RANGE: 31E
(SE corner)

SECTION:

1/4 SECTION:

DESCRIPTION: Colony site: Marshy pond in a cypress dome.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977
Little Blue Heron	50
Cattle Egret	1
TOTALS	51

COLONY NUMBER: 619017

COUNTY: Collier

COLONY NAME: Camp Keais

LAT. - LONG.: 26°20' - 81°28'

TOWNSHIP: 48S

RANGE: 29E

SECTION: 6

1/4 SECTION: SW

DESCRIPTION: Colony site: Marshy pond in cypress strand.
Habitat surrounding colony: Flag marsh and cypress.
Colony area: 1.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	May 1978	June 1978
Little Blue Heron	50++	---	+
Cattle Egret	2500-3000	2000+	2500
Great Egret	---	50	+
Snowy Egret	---	+	---
Louisiana Heron	---	+	---
TOTALS	2550-3050+	2050+	2500+

COLONY NUMBER: 619018

COUNTY: Collier

COLONY NAME: Corkscrew (Subcolony 1)

LAT. - LONG.: 26°22' - 81°37'

TOWNSHIP: 47S

RANGE: 27E

SECTION: 9/10

1/4 SECTION:

DESCRIPTION: Colony site: Marshy pond.
Habitat surrounding colony: Freshwater marsh in a cypress strand.
Colony area: No data.
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	June 1978
Little Blue Heron	---	+
Cattle Egret	1000-1200	1000
Louisiana Heron	---	+
TOTALS	1000-1200	1000+

COLONY NUMBER: 619018

COUNTY: Collier

COLONY NAME: Corkscrew (Subcolony 2)

LAT. - LONG.: 26°22' - 81°37'

TOWNSHIP: 47S

RANGE: 27E

SECTION: 16/21/22

1/4 SECTION:

DESCRIPTION: Colony site: Cypress.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Cypress over water.
Proximity to human disturbance: 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Jan. 1976	April 1976	Feb. 1978	April 1978
Great Egret	---	25-50	empty	empty
Wood Stork	2300	1800		
TOTALS	2300	1825-1850	0	0

COLONY NUMBER: 619018

COUNTY: Collier

COLONY NAME: Corkscrew (Subcolony 3)

LAT. - LONG.: 76°23' - 81°37'

TOWNSHIP: 47S

RANGE: 27E

SECTION: 15

1/4 SECTION: NW

DESCRIPTION: Colony site: Cypress around a pond.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Cypress and willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	April 1978	June 1978
Great Blue Heron	5	50+	5	---
Cattle Egret*	---	200+	---	---
Great Egret	120+	200+	200+	150
Wood Stork	---	200±	---	---
TOTALS	125+	650+	205+	150

*Cattle Egrets in willows

COLONY NUMBER: 619019

COUNTY: Collier

COLONY NAME: East of Northwest Oil Road

LAT. - LONG.: 26°07' - 81°11'

TOWNSHIP: 50S

RANGE: 31E

SECTION: 13

1/4 SECTION:

DESCRIPTION: Colony site: Marshy pond in cypress dome.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	75
TOTALS	75

COLONY NUMBER: 619020

COUNTY: Collier

COLONY NAME: West of Northwest Oil Road

LAT. - LONG.: 26°06' - 81°11'

TOWNSHIP: 50S

RANGE: 31E

SECTION: 24

1/4 SECTION:

DESCRIPTION: Colony site: Marshy pond in cypress dome.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Great Egret	20
TOTALS	20

COLONY NUMBER: 619021

COUNTY: Collier

COLONY NAME: L-28 Interceptor

LAT. - LONG.: 26°14' - 80°54'

TOWNSHIP: 49S RANGE: 34E SECTION: 13/14

1/4 SECTION:

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Impounded freshwater marsh.
Colony area: 0.1 ha
Nesting substrate: Willows and medium-height shrubs over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	July 1977	April 1978	July 1978
Little Blue Heron	15-20	empty	empty	empty	empty
Cattle Egret	150				
TOTALS	165-170	0	0	0	0

COLONY NUMBER: 619022

COUNTY: Collier

COLONY NAME: North of 11-Mile Oil Road

LAT. - LONG.: 26°00' - 80°55'

TOWNSHIP: 51S

RANGE: 34E

SECTION: 27/28

1/4 SECTION:

DESCRIPTION: Colony site: Marshy pond in cypress dome.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	25
Cattle Egret	300
Great Egret	25-35
TOTALS	350-360

COLONY NUMBER: 619024

COUNTY: Collier

COLONY NAME: Okaloacoochee South

LAT. - LONG.: 26°17' - 81°16'

TOWNSHIP: 48S

RANGE: 30E

SECTION: 24

1/4 SECTION:

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Willows in impoundment surrounded by pasture and farmland.
Colony area: 0.8 ha - 2.0 ha (depending on year)
Nesting substrate: Willows.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	July 1976	July 1977	April 1978	June 1978
Anhinga	+	---	---	---	---
Great Blue Heron	---	---	---	1	---
Little Blue Heron	25	100-300	+	---	+
Cattle Egret	200-300	7000-10,000	1000-1500	---	1750
Great Egret	10-15+	200+	---	70	+
Snowy Egret	---	++	---	+	---
Louisiana Heron	---	---	---	---	+
Glossy Ibis	---	---	---	+	---
White Ibis	+	1000-2000	---	---	+
TOTALS	235-340+	8300-12,500+	1000-1500+	71+	1750+

COLONY NUMBER: 619025

COUNTY: Collier

COLONY NAME: Quakenassee

LAT. - LONG.: 26°00' - 81°01'

TOWNSHIP: 51S

RANGE: 33E

SECTION: 21/28

1/4 SECTION:

DESCRIPTION: Colony site: Marshy pond in cypress dome.
Habitat surrounding colony: Cypress swamp.
Colony area: 0.2 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1976	July 1977
Little Blue Heron	100	200-250
Cattle Egret	+	5-10
Great Egret	5-10	1
TOTALS	105-110+	206-261

COLONY NUMBER: 619026

COUNTY: Collier

COLONY NAME: North of Quakenassee

LAT. - LONG.: 26°03' - 81°03'

TOWNSHIP: 51S

RANGE: 33E

SECTION: 5

1/4 SECTION: S mid

DESCRIPTION:

Colony site: Cypress.

Habitat surrounding colony: Cypress swamp.

Colony area: No data.

Nesting substrate: Cypress.

Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Great Egret	50
TOTALS	50

COLONY NUMBER: 619027

COUNTY: Collier

COLONY NAME: Southwest of Quakenassee

LAT. - LONG.: 26°01' - 81°04'

TOWNSHIP: 51S

RANGE: 33E

SECTION: 19

1/4 SECTION: NW

DESCRIPTION: Colony site: Marshy pond in cypress dome.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	25
Cattle Egret	100
TOTALS	125

COLONY NUMBER: 619028

COUNTY: Collier

COLONY NAME: Sadie Cypress

LAT. - LONG.: 26°24' - 81°18'

TOWNSHIP: 47S

RANGE: 30E

SECTION: 11/14

1/4 SECTION:

DESCRIPTION: Colony site: Cypress.
Habitat surrounding colony: Cypress stand, pasture and prairie.
Colony area: No data.
Nesting substrate: Cypress.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	January 1976	April 1978
Wood Stork	35	empty
TOTALS	35	0

COLONY NUMBER: 619029

COUNTY: Collier

COLONY NAME: WD Ranch

LAT. - LONG.: 26°09' - 80°57'

TOWNSHIP: 50S

RANGE: 34E

SECTION: 5

1/4 SECTION: S

DESCRIPTION: Colony site: Marshy pond.
Habitat surrounding colony: Cypress and freshwater marsh.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1978
Little Blue Heron	+
Cattle Egret	300++
Great Egret	5-10
TOTALS	305-310+

COLONY NUMBER: 619030

COUNTY: Collier

COLONY NAME: Sunniland

LAT.- LONG.: 26°16' - 81°25'

TOWNSHIP: 48S

RANGE: 29E

SECTION: 33

1/4 SECTION: N

DESCRIPTION: Colony site: Pond in cypress dome.
Habitat surrounding colony: Cypress strand and farmland.
Colony area: 0.4 ha - 1.4 ha (depending on year)
Nesting substrate: Cypress, willows, and swamp shrubs over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	July 1977	May 1978	June 1978
Little Blue Heron	empty	50-100±	50+	+++	---
Cattle Egret		1500±	400-500	---	15
Great Egret		100-200	+	30	---
Egret spp. (Cattle & Snowy)		---	---	100-150	---
TOTALS	0	1650-1800±	450-550+	130-180+	15

COLONY NUMBER: 620021

COUNTY: Collier

COLONY NAME: Chokoloskee Bay

LAT. - LONG.: 25°51' - 81°25'

TOWNSHIP: 53S

RANGE: 29E

SECTION: 21

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water and mangrove islands.
Colony area: 0.1 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1977	April 1978	June 1978
Brown Pelican	150+	---	200	250	50	225
Double-crested Cormorant	---	---	200	60	30	175
Great Egret	50	125-150	90	5	---	95
Snowy Egret	---	50-75	---	---	---	---
Louisiana Heron	---	50±	---	---	---	---
TOTALS	200+	225-275±	490	315	80	495

COLONY NUMBER: 620022

COUNTY: Collier

COLONY NAME: Marco ABC (Subcolonies 1 and 2)** LAT. - LONG.: 25°58' - 81°42'

TOWNSHIP: 52S

RANGE: 26E

SECTION: 9/10

1/4 SECTION: NE/NW

DESCRIPTION: Colony site: Non-barrier coastal spoil islands.
Habitat surrounding colony: Open water in area of mangrove islands and urban development.
Colony area: 0.2 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Flight line count					
	(1 and 2) April 1976	(1 and 2) June 1976	(1 and 2) April 1977	(1 and 2) July 1977	(1) April 1978	(1) June 1978
Brown Pelican	---	---	---	---	+++	200
Double-crested Cormorant	100	---	---	---	---	---
Little Blue Heron	---	50	---	50±	---	50
Cattle Egret	---	500	---	500++	---	500
Great Egret	50-100	75-100	60	50±	50++	+
Snowy Egret	50	+	300	---	200*	---
Louisiana Heron	---	50-100	250	+	---	+
TOTALS	200-250	675-750+	610	600+	50+ 200*	750+

*non-nesting individuals

**wader colony found only on A and B islands in 1976 and 1977. Subcolonies were not censused separately those years. Nesting found on C in 1978. Data were collected separately for all 3 subcolonies in 1978. Subcolony 1 = Island A, subcolony 2 = Island B, and subcolony 3 = Island C.

COLONY NUMBER: 620022

COUNTY: Collier

COLONY NAME: Marco ABC (Subcolony 2)

LAT. - LONG.: 25°58' - 81°42'

TOWNSHIP: 52S

RANGE: 26E

SECTION: 9/10

1/4 SECTION: NE/NW

DESCRIPTION: Colony site: Non-barrier coastal spoil island
 Habitat surrounding colony: Open water in area of mangrove islands and urban development.
 Colony area: 0.2 ha
 Nesting substrate: Mangrove.
 Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	June 1978
Brown Pelican	+++	150
Little Blue Heron	---	+
Cattle Egret	---	+
Great Egret	90-100	100
Louisiana Heron	---	+
TOTALS	90-100+	250+

COLONY NUMBER: 620022

COUNTY: Collier

COLONY NAME: Marco ABC (Subcolony 3)

LAT. - LONG.: 25°58' - 81°42'

TOWNSHIP: 52S

RANGE: 26E

SECTION: 9/10

1/4 SECTION: NE/NW

DESCRIPTION: Colony site: Non-barrier coastal spoil island.
Habitat surrounding colony: Open water in area of mangrove islands and urban development.
Colony area: 0.2 ha
Nesting substrate: Mangrove.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1978
Cattle Egret	50
Louisiana Heron	+
TOTALS	50+

COLONY NUMBER: 620023

COUNTY: Collier

COLONY NAME: Roberts Lake Strand

LAT. - LONG.: 25°50' - 80°58'

TOWNSHIP: 53S

RANGE: 34E

SECTION: 30

1/4 SECTION: N

DESCRIPTION: Colony site: Pond in cypress dome.
Habitat surrounding colony: Cypress strand and freshwater marsh.
Colony area: 0.3 ha
Nesting substrate: Cypress and pond apples over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1976	March 1977	July 1977	April 1978	July 1978
Great Blue Heron	1-5	empty	1	7	---
Great Egret	250-300		2	100-120	30-40
Snowy Egret	---		---	30-40*	---
TOTALS	251-305	0	3	107-127 30-40*	30-40

*non-nesting individuals

COLONY NUMBER: 620037

COUNTY: Collier

COLONY NAME: 50-mile-bend N #2
(Big Cypress-Burned Trailer)

LAT. - LONG.: 25°56' - 80°55'

TOWNSHIP: 52S

RANGE: 34E

SECTION: 15/16

1/4 SECTION:

DESCRIPTION: Colony site: Marshy pond.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1977	April 1978	July 1978
Little Blue Heron	---	empty	1
Cattle Egret	---		150
Louisiana Heron	75		+
TOTALS	75	0	151+

COLONY NUMBER: 620053

COUNTY: Collier

COLONY NAME: North of Lost Dog Prairie

LAT. - LONG.: 26°00' - 81°02'

TOWNSHIP: 51S

RANGE: 33E

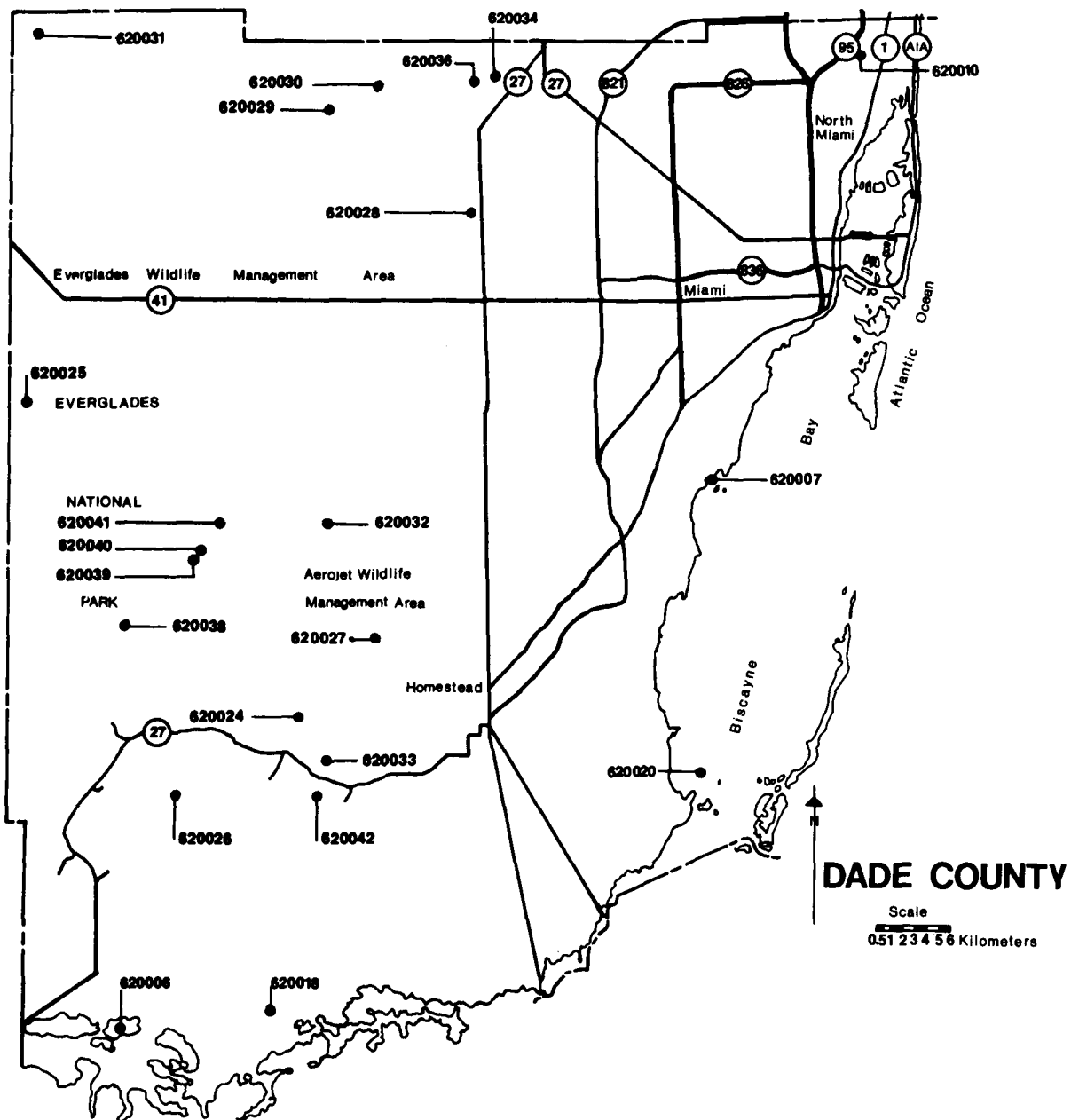
SECTION: 28

1/4 SECTION: SW

DESCRIPTION: Colony site: Marshy pond in cypress dome.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	10
Cattle Egret	40
Great Egret	10
TOTALS	60



COLONY NUMBER: 620006

COUNTY: Dade

COLONY NAME: Cuthbert

LAT. - LONG.: 25°13' - 80°46'

TOWNSHIP: 60S

RANGE: 35E

SECTION: 13

1/4 SECTION:

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Water and mangrove swamp.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Jan. 1976	Mar. 1976	July 1976	Jan. 1977	Mar. 1977	July 1977	Jan. 1978	Mar. 1978	June 1978
Double-crested Cormorant	---	---	empty	25	---	---	30	---	---
Great Egret	75	75		---	100-125	---	---	60	45
Snowy Egret	---	---		---	---	---	---	---	15*
Wood Stork	---	---		---	---	8	---	---	---
TOTALS	75	75	0	25	100-125	8	30	60	45 15*

*non-nesting individuals

COLONY NUMBER: 620007

COUNTY: Dade

COLONY NAME: Cutler (Paradise Pt.)

LAT. - LONG.: 25°38' - 80°17'

TOWNSHIP: 55S RANGE: 40E SECTION: 25 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: No data.

SPECIES COMPOSITION (number of nesting pairs):

	July 1976
Double-crested Cormorant	350
Little Blue Heron	20
TOTALS	370

COLONY NUMBER: 620010

COUNTY: Dade

COLONY NAME: Greynolds Park

LAT. - LONG.: 25°57' - 80°10'

TOWNSHIP: 52S

RANGE: 42E

SECTION: 5

1/4 SECTION:

DESCRIPTION: Colony site: Spoil island in lake.
Habitat surrounding colony: Water.
Colony area: 2.0 ha
Nesting substrate: Mangrove and Casuarina over high ground.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check June 1976	Ground check April 1977	Ground check June 1977
Double-crested Cormorant	---	---	3	17
Anhinga	---	6	11	20
Little Blue Heron	---	20	---	8
Green Heron	---	---	1	6
Cattle Egret	50	650	120	435
Great Egret	---	8	2	2
Snowy Egret	---	10	---	1
Louisiana Heron	---	16	---	7
Black-crowned Night Heron	---	---	---	1
Yellow-crowned Night Heron	---	---	---	4
White Ibis	---	150	---	85
Scarlet Ibis	---	4	---	---
TOTALS	50	864	137	586

COLONY NUMBER: 620018

COUNTY: Dade

COLONY NAME: Madeira

LAT. - LONG.: 25°13' - 80°40'

TOWNSHIP: 60S

RANGE: 37E

SECTION: 7

1/4 SECTION: S

DESCRIPTION: Colony site: Island in pond.
Habitat surrounding colony: Mangrove swamp.
Colony area: 0.5 ha
Nesting substrate: Mangroves, part over water, part over high ground.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Feb. 1976	Mar. 1976	June 1976	Mar. 1977	July 1977	Mar. 1978	July 1978
Great Egret	75	50-75	empty	75	empty	25-30*	empty
Snowy Egret	---	---		---		---	
Wood Stork	35	---		25		---	
Roseate Spoonbill	---	---		---		15*	
TOTALS	110	50-75	0	100	0	40-45*	0

*non-nesting individuals

COLONY NUMBER: 620020

COUNTY: Dade

COLONY NAME: West Arsenicker Key

LAT. - LONG.: 25°24' - 80°18'

TOWNSHIP: 58S

RANGE: 40E

SECTION: 2

1/4 SECTION: SE

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: 4.0 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check May 1976	July 1977	May 1978	July 1978
Double-crested Cormorant	---	---	---	---	75
Great White Heron	---	---	---	---	5
Great Blue Heron	1	---	---	5+	---
Little Blue Heron	---	66	++	---	---
Cattle Egret	400	677	1000-1500	75-100*	500+
Great Egret	35	28	---	20±	20
Louisiana Heron	---	94	++	+++	---
White Ibis	---	75	100+	+++	---
TOTALS	436	940	1100-1600+	25+ 75-100* +++	600+

*non-nesting individuals

**seen in flight lines

COLONY NUMBER: 620024

COUNTY: Dade

COLONY NAME: Context ENP

LAT. - LONG.: 25°27' - 80°37'

TOWNSHIP: 57S

RANGE: 37E

SECTION: 22/27

1/4 SECTION:

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh to the west and
hammock to the east.
Colony area: 0.2 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1976
Anhinga	++
Little Blue Heron/Cattle Egret	50-100**
Louisiana Heron	10-15*
TOTALS	60-115+*

*young birds, not pairs.

**young birds, not pairs. Predominantly Cattle Egrets.

COLONY NUMBER: 620025

COUNTY: Dade

COLONY NAME: 40-mile bend
(3 subcolonies)

LAT. - LONG.: 25°42' - 80°51'

TOWNSHIP: 55S

RANGE: 35E

SECTION: 7/8/9

1/4 SECTION:

DESCRIPTION: Colony site: Three willowheads with deeper and/or more open water than surrounding marsh.
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.1 ha each.
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

Note: The subcolonies were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	July 1976
Little Blue Heron	200
Cattle Egret	+
TOTALS	200+

COLONY NUMBER: 620026

COUNTY: Dade

COLONY NAME: Hole-in-Donut

LAT. - LONG.: 25°23' - 80°44'

TOWNSHIP: 58S

RANGE: 36E

SECTION: 28

1/4 SECTION: S

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.1 ha
Nesting substrate: Willows and medium-height shrubs over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1977	May 1978	June 1978
Little Blue Heron	25±	25	10	---
Cattle Egret	400-500	325	100	150
Great Egret	1	---	---	---
TOTALS	426-526±	350	110	150

COLONY NUMBER: 620027

COUNTY: Dade

COLONY NAME: Homestead Airport

LAT. - LONG.: 25°30' - 80°34'

TOWNSHIP: 57S

RANGE: 38E

SECTION: 6

1/4 SECTION: NW

DESCRIPTION: Colony site: Small willowhead with pond.
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.1 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1976	April 1977	July 1977	April 1978	July 1978
Anhinga	+	empty	empty	empty	empty
Cattle Egret	50				
TOTALS	50+	0	0	0	0

COLONY NUMBER: 620028

COUNTY: Dade

COLONY NAME: West of Krome Ave.

LAT. - LONG.: 25°50' - 80°29'

TOWNSHIP: 53S

RANGE: 38E

SECTION: 13/24

1/4 SECTION: S/N

DESCRIPTION:

Colony site: Willowhead.

Habitat surrounding colony: Freshwater marsh and canal.

Colony area: No data.

Nesting substrate: Willows over water.

Proximity to human disturbance: < 0.8 km (highway)

SPECIES COMPOSITION (number of nesting pairs):

	August 1978
Little Blue Heron	+
Cattle Egret	500
Great Egret	+
Louisiana Heron	+
TOTALS	500+

COLONY NUMBER: 620029

COUNTY: Dade

COLONY NAME: L-67 Willow

LAT.- LONG.: 25°54' - 80°36'

TOWNSHIP: 52S

RANGE: 37E

SECTION: 23

1/4 SECTION:

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh.
Colony area: 4.0 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	June 1976	Ground check April 1977	June 1977	May 1978	June 1978
Great Blue Heron	---	---	---	+	---	---
Great Egret	---	---	480	100-300	150-175	150-200
Snowy Egret	200-300	15-20	1450	500+	---	---
Louisiana Heron	---	5-10	840	500+	---	---
TOTALS	200-300	20-30	2770	1100-1300+	150-175	150-200

COLONY NUMBER: 620030

COUNTY: Dade

COLONY NAME: L-67 Melaleuca

LAT. - LONG.: 25°55' - 80°36'

TOWNSHIP: 52S

RANGE: 37E

SECTION: 13

1/4 SECTION:

DESCRIPTION: Colony site: Melaleuca-head.
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.1 ha
Nesting substrate: Melaleuca.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	March 1977	July 1977	April 1978	June 1978
Double-crested Cormorant	---	---	10-20	empty	---	---
Anhinga	---	5-10	---		+	---
Great Blue Heron	20	5-10	20		50	5
TOTALS	20	10-20	30-40	0	50+	5

COLONY NUMBER: 620031

COUNTY: Dade

COLONY NAME: Northeast of Jetport

LAT. - LONG.: 25°58' - 80°51'

TOWNSHIP: 52S

RANGE: 35E

SECTION: 5/8

1/4 SECTION:

DESCRIPTION: Colony site: Swamp pond.
Habitat surrounding colony: Flag marsh and cypress swamp.
Colony area: No data.
Nesting substrate: Willows and pond apples.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	15
Cattle Egret	50
Great Egret	5
Louisiana Heron	20-25
TOTALS	90-95

COLONY NUMBER: 620032

COUNTY: Dade

COLONY NAME: Southwest of Grossman Hammock

LAT. - LONG.: 25°36' - 80°37'

TOWNSHIP: 55S

RANGE: 37E

SECTION: 34

1/4 SECTION:

DESCRIPTION:

Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.1 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1976
Little Blue Heron	+
Cattle Egret	150-200
TOTALS	150-200 +

*uncertain if nesting

COLONY NUMBER: 620033

COUNTY: Dade

COLONY NAME: Taylor Slough

LAT. - LONG.: 25°25' - 80°36'

TOWNSHIP: 58S

RANGE: 37E

SECTION: 2

1/4 SECTION: NE

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1976	July 1977	April 1978	July 1978
Little Blue Heron	50	25-50	+	empty	---
Cattle Egret	1400	1900-2000	2000±		2800
Louisiana Heron	50	5+	---		300
Glossy Ibis	50	2-3	---		---
White Ibis	500	120+	+		---
TOTALS	2050	2052-2178+	2000+	0	3100

COLONY NUMBER: 620034

COUNTY: Dade

COLONY NAME: 3-B Melaleuca

LAT. - LONG.: 25°56' - 80°28'

TOWNSHIP: 52S

RANGE: 39E

SECTION: 7

1/4 SECTION: SE

DESCRIPTION: Colony site: Melaleuca-head
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.1 ha
Nesting substrate: Melaleuca over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	October 1977	May 1978	June 1978
Anhinga	+	---	---
Great Blue Heron	+	5+	8-10
Cattle Egret	100±	100±	200-300
Great Egret	+	10+	---
TOTALS	100+	115±	208-310

COLONY NUMBER: 620035

COUNTY: Dade

COLONY NAME: 3-A Willow

LAT. - LONG.: 2 miles west of
L-67 A in Conservation Area
3A

Note: No lat.-long. given.

TOWNSHIP:

RANGE:

SECTION:

1/4 SECTION:

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh.
Colony area: No data.
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Little Blue Heron	30
Green Heron	+
TOTALS	30+

COLONY NUMBER: 620036

COUNTY: Dade

COLONY NAME: 3-B Willow

LAT. - LONG.: 25°56' - 80°29'

TOWNSHIP: 52S

RANGE: 38E

SECTION: 12

1/4 SECTION:

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	October 1977	June 1978
Anhinga	+	---
Great Blue Heron	+	5
Cattle Egret	100	---
Great Egret	+	20
TOTALS	100+	25

COLONY NUMBER: 620038

COUNTY: Dade

COLONY NAME: Planaria

LAT. - LONG.: 25°31 - 80°47'

TOWNSHIP: 57S

RANGE: 35E

SECTION: 12

1/4 SECTION:

DESCRIPTION: Colony site: No data.
Habitat surrounding colony: Freshwater marsh.
Colony area: No data.
Nesting substrate: No data.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	6
Louisiana Heron	5*
TOTALS	6 5*

*non-nesting individuals

COLONY NUMBER: 620039

COUNTY: Dade

COLONY NAME: West of Black Hammock #1

LAT. - LONG.: 25°35' - 80°43'

TOWNSHIP: 56S

RANGE: 36E

SECTION: 22

1/4 SECTION: W mid

DESCRIPTION: Colony site: No data.
Habitat surrounding colony: Freshwater marsh.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	30
Louisiana Heron	30
TOTALS	60

COLONY NUMBER: 620040

COUNTY: Dade

COLONY NAME: West of Black Hammock #2

LAT. - LONG.: 25°35' - 80°43'

TOWNSHIP: 56S

RANGE: 36E

SECTION: 22

1/4 SECTION: N mid

DESCRIPTION: Colony site: No data.
Habitat surrounding colony: Freshwater marsh.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	30
Louisiana Heron	30
TOTALS	60

COLONY NUMBER: 620041

COUNTY: Dade

COLONY NAME: West of Black Hammock #3

LAT. - LONG.: 25°36' - 80°42'

TOWNSHIP: 56S

RANGE: 36E

SECTION: 14

1/4 SECTION: NE

DESCRIPTION: Colony site: No data.
Habitat surrounding colony: Freshwater marsh.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	30
Louisiana Heron	30
TOTALS	60

COLONY NUMBER: 620042

COUNTY: Dade

COLONY NAME: Anhinga Trail

LAT. - LONG.: 25°23' - 80°36'

TOWNSHIP: 58S

RANGE: 37E

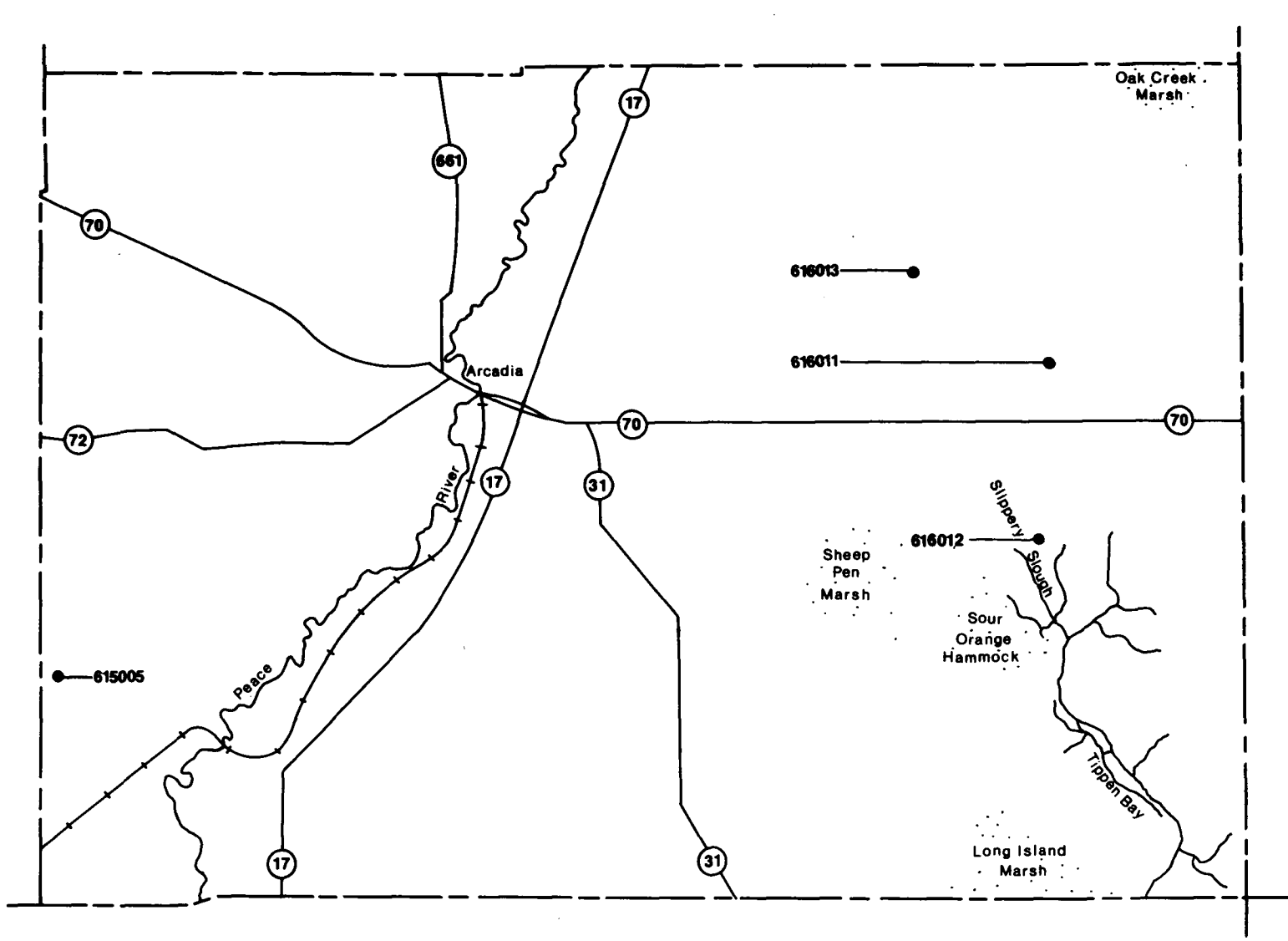
SECTION: 14

1/4 SECTION:

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Willow and pond apple slough in
freshwater marsh.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1978	July 1978
Little Blue Heron	15	---
Cattle Egret	150	85
TOTALS	165	85



DE SOTO COUNTY



COLONY NUMBER: 615005

COUNTY: DeSoto

COLONY NAME: Fort Ogden

LAT. - LONG: 27°07' - 82°03'

TOWNSHIP: 39S

RANGE: 23E

SECTION: 6

1/4 SECTION:

DESCRIPTION: Colony site: Willow slough.
Habitat surrounding colony: Willow slough and oak woods.
Colony area: 1.2 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Anhinga	+	---
Great Blue Heron	+	---
Cattle Egret	300	800-1000
Great Egret	100	+
TOTALS	400+	800-1000+

COLONY NUMBER: 616011

COUNTY: DeSoto

COLONY NAME: Big Orange Grove

LAT. - LONG: 27°14' - 81°38'

TOWNSHIP: 37S

RANGE: 27E

SECTION: 29

1/4 SECTION:

DESCRIPTION: Colony site: Shrubs along drainage ditch.
Habitat surrounding colony: Orange grove.
Colony area: 0.1 ha
Nesting substrate: Baccharis and elder over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Little Blue Heron	25+	+
Cattle Egret	150	2000-2500
Louisiana Heron	+	---
TOTALS	175+	2000-2500+

COLONY NUMBER: 616012

COUNTY: DeSoto

COLONY NAME: East of Slippery Slough

LAT. - LONG: 27°10' - 81°38'

TOWNSHIP: 38S

RANGE: 27E

SECTION: 17

1/4 SECTION: SW

DESCRIPTION: Colony site: Marshy pond.
Habitat surrounding colony: Marshy pond and freshwater marsh.
Colony area: 0.1 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Great Blue Heron	3-4	---
Cattle Egret	+	5-10
Great Egret	30	1-2
TOTALS	33+	6-12

COLONY NUMBER: 616013

COUNTY: DeSoto

COLONY NAME: Mossy Gully (SW
Subcolony 1)

LAT. - LONG: 27°16 - 81°42

TOWNSHIP: 37S RANGE: 26E SECTION: 10 1/4 SECTION:

DESCRIPTION: Colony site: Bays in a marshy pond.
Habitat surrounding colony: Marshy pond.
Colony area: 0.1 ha
Nesting substrate: Bays over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1977	April 1978	July 1978
Anhinga	+	empty	+	empty
Great Blue Heron	10		4	
Great Egret	125		50	
Snowy Egret	+		---	
TOTALS	135+	0	54+	0

COLONY NUMBER: 616013

COUNTY: DeSoto

COLONY NAME: Mossy Gully (NE-Subcolony 2)

LAT. - LONG: 27°16' - 81°42'

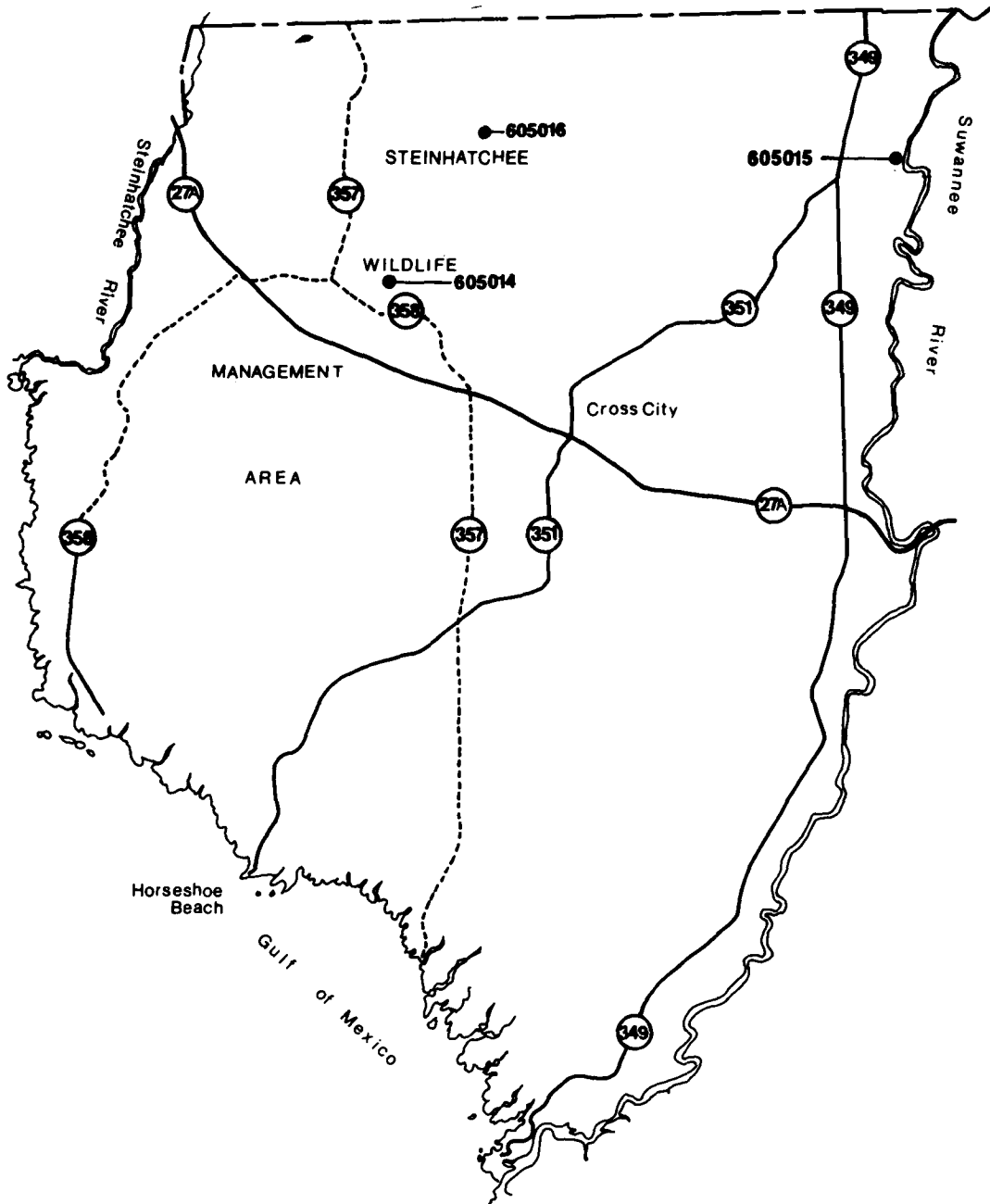
TOWNSHIP: 37S RANGE: 26E SECTION: 10

1/4 SECTION:

DESCRIPTION: Colony site: Swamp hardwoods in a marshy pond.
Habitat surrounding colony: Marshy pond.
Colony area: 0.1 ha
Nesting substrate: Swamp hardwoods over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1977	April 1978	July 1978
Great Blue Heron	5	empty	empty	empty
Great Egret	75			
Cattle Egret	100-200			
Snowy Egret	+			
TOTALS	180-280+	0	0	0



DIXIE COUNTY

Scale

0.5 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 605014

COUNTY: Dixie

COLONY NAME: Pumpkin Swamp

LAT. - LONG.: 29°43' - 83°13'

TOWNSHIP: 9S

RANGE: 11E

SECTION: 10

1/4 SECTION: SW

DESCRIPTION: Colony site: Island in swamp.
Habitat surrounding colony: Swamp and pine flatwoods.
Colony area: 4.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1978
Anhinga	50
Cattle Egret	200
Great Egret	100
White Ibis	200
TOTALS	550

COLONY NUMBER: 605015

COUNTY: Dixie

COLONY NAME: South of Guaranto Spring

LAT. - LONG.: 29°45' - 82°57'

TOWNSHIP: 8S

RANGE: 14E

SECTION: 30

1/4 SECTION: W

DESCRIPTION: Colony site: Buttonbush under cypress.
Habitat surrounding colony: Cypress.
Colony area: 2.0 ha
Nesting substrate: Buttonbush over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	April 1978	August 1978
Little Blue Heron	+	---	+
Cattle Egret	5000+	---	175
Great Egret	+	40	+
Louisiana Heron	---	---	+
White Ibis	---	---	+
TOTALS	5000+	40	175+

COLONY NUMBER: 605016

COUNTY: Dixie

COLONY NAME: Steinhatchee

LAT. - LONG.: 29°46' - 83°10'

TOWNSHIP: 8S

RANGE: 12E

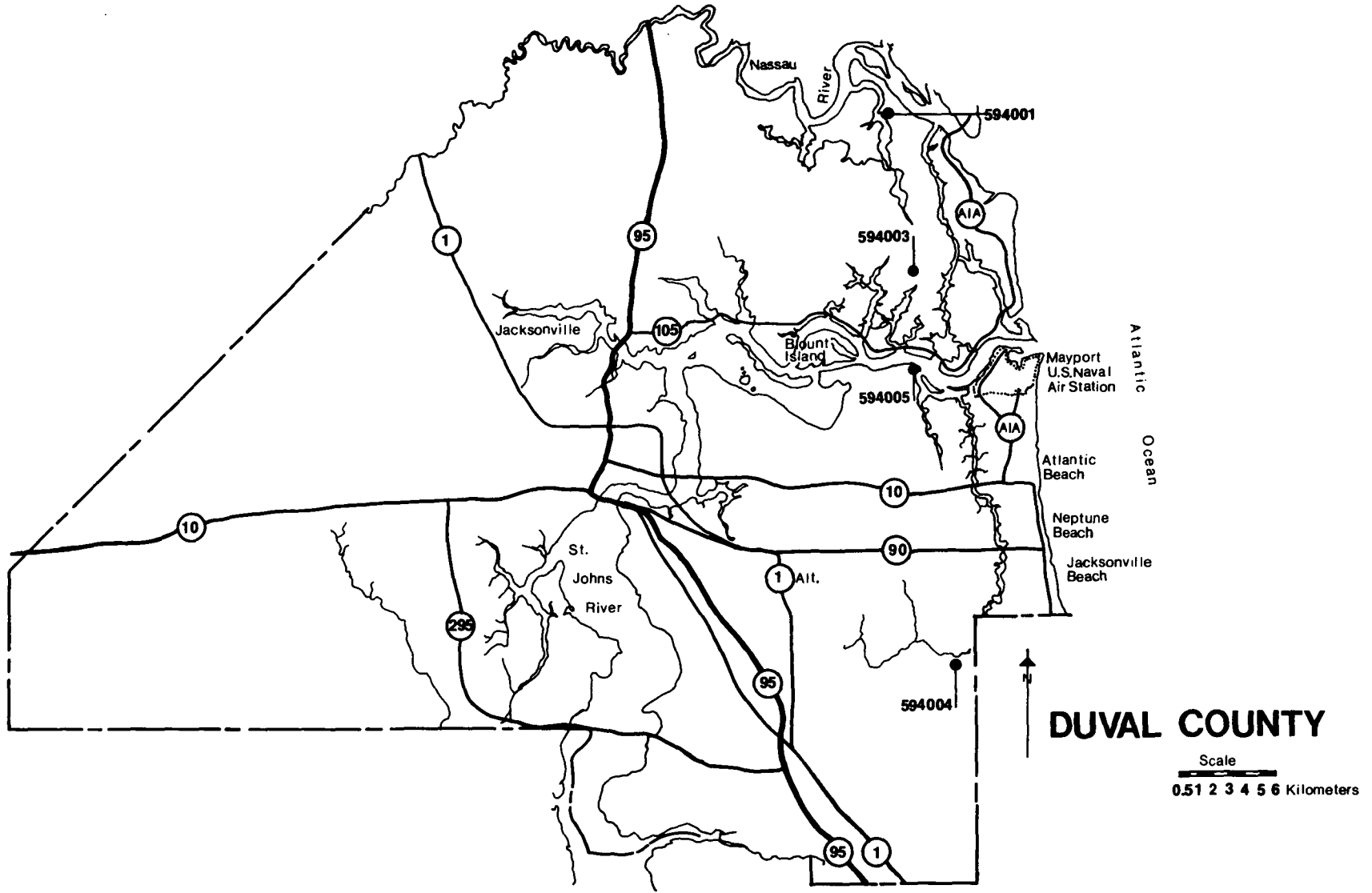
SECTION: 19

1/4 SECTION:

DESCRIPTION: Colony site: Island in swamp.
Habitat surrounding colony: Pines and cypress.
Colony area: 0.4 ha
Nesting substrate: Willows and elderberry over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977	August 1978
Cattle Egret	125	empty	empty
Great Egret	50		
TOTALS	175	0	0



COLONY NUMBER: 594001

COUNTY: Duval

COLONY NAME: Black Hammock Island

LAT. - LONG.: 30°32' - 81°30'

TOWNSHIP: 1N

RANGE: 28E

SECTION: 4/9

1/4 SECTION:

DESCRIPTION: Colony site: Island in river.
Habitat surrounding colony: Hardwood swamp.
Colony area: 0.2 ha
Nesting substrate: Medium height shrubs over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	August 1978
Great Egret	6	---	empty	empty	empty
White Ibis	---	175*			
TOTALS	6	175*	0	0	0

*non-nesting individuals

COLONY NUMBER: 594003

COUNTY: Duval

COLONY NAME: Cedar Point Road

LAT. - LONG.: 30°26' - 81°28'

TOWNSHIP: 1S

RANGE: 28E

SECTION: 2/11

1/4 SECTION:

DESCRIPTION: Colony site: Willows in small pond.
Habitat surrounding colony: Open pasture.
Colony area: 0.8 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	August 1978
Great Blue Heron	---	---	12	---	---
Great Egret	35	50	50	6*	---
Cattle Egret	---	75	30	---	6*
White Ibis	---	50*	---	---	---
TOTALS	35	125 50*	92	6*	6*

*non-nesting individuals

COLONY NUMBER: 594004

COUNTY: Duval

COLONY NAME: Dee Dot Ranch

LAT. - LONG.: 30°13' - 81°27'

TOWNSHIP: 3S

RANGE: 28E

SECTION: 24/25

1/4 SECTION:

DESCRIPTION: Colony site: Impounded pond.
Habitat surrounding colony: Cypress and wax myrtle in impounded pond.
Colony area: 1976 - 8.0 ha 1978 - 2.7 ha
Nesting substrate: Cypress and wax myrtle.
Proximity to human disturbance: <0.8 km (hunt camp)

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check June 1976	Ground check July 1976	April 1977	April 1978	August 1978
Anhinga	---	---	30	---	---	---
Great Blue Heron	20	---	---	25	+	---
Green Heron	---	---	+	---	---	---
Little Blue Heron	---	20	6	---	---	---
Cattle Egret	---	150	55	---	++	150
Great Egret	50	125	25	200	50-100±	70
Louisiana Heron	---	25	---	---	---	---
Wood Stork	125	45	20	150-200	55-60	20
TOTALS	195	365	136+	375-425	105-160+	240

COLONY NUMBER: 594005

COUNTY: Duval

COLONY NAME: Fort Caroline

LAT. - LONG.: 30°23' - 81°29'

TOWNSHIP: 1S

RANGE: 28E

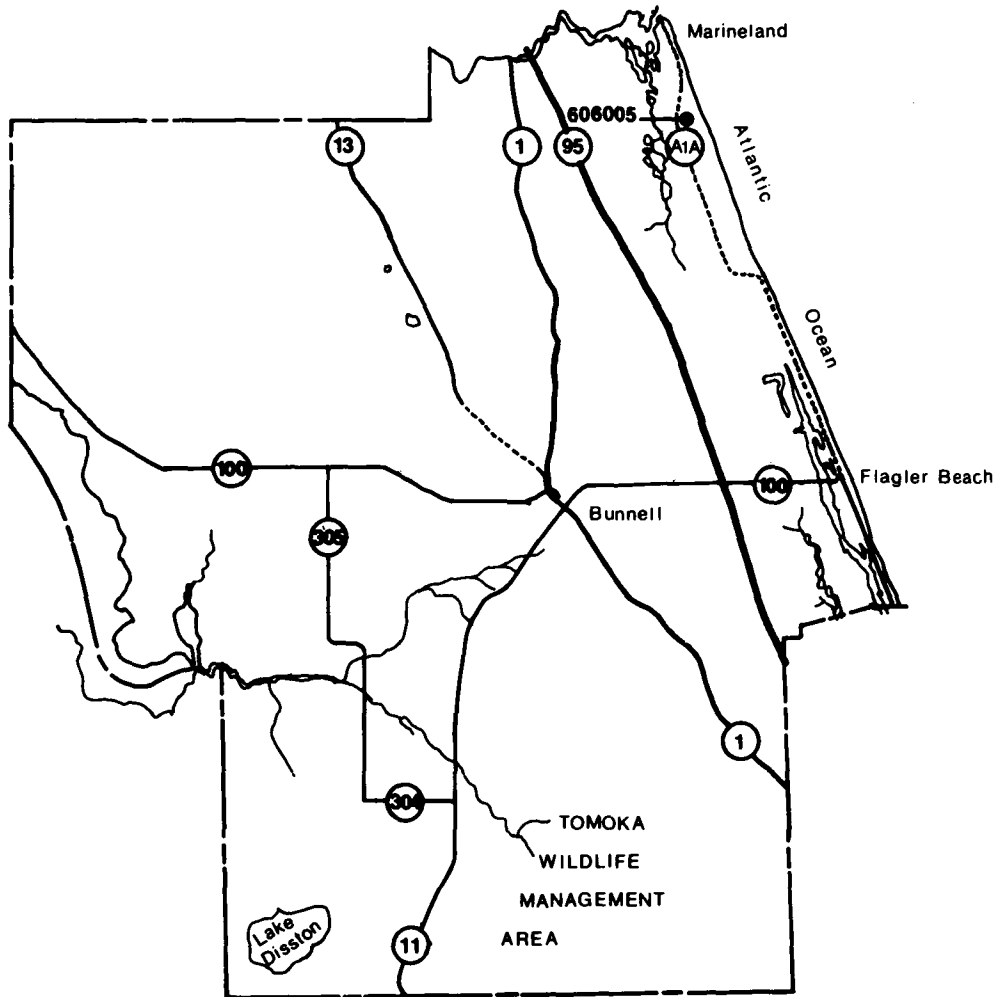
SECTION: 34

1/4 SECTION:

DESCRIPTION: Colony site: Edge of small swamp pond.
Habitat surrounding colony: Swamp, willows, and buttonbush.
Colony area: No data.
Nesting substrate: Pines and maples at seasonally flooded site.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	10	empty	50	20	empty
Great Egret	30		75	100	
TOTALS	40	0	125	120	0



FLAGLER COUNTY

Scale



0.51 2 3 4 5 6 Kilometers

COLONY NUMBER: 606005

COUNTY: Flagler

COLONY NAME: Washington Oak

LAT. - LONG.: 29°37' - 81°12'

TOWNSHIP: 20S RANGE: 31E

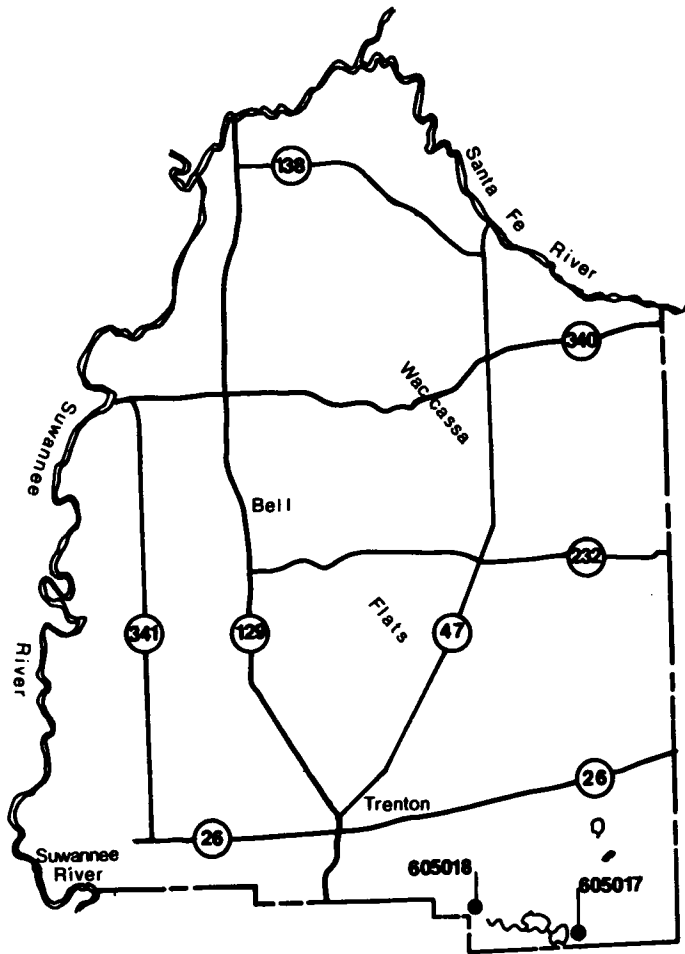
SECTION: 20

1/4 SECTION: W

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Oaks and pines.
Colony area: 0.4 ha
Nesting substrate: Pines over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978
Great Blue Heron	10
TOTALS	10



GILCHRIST COUNTY

Scale



COLONY NUMBER: 605017

COUNTY: Gilchrist

COLONY NAME: McCain Lake

LAT. - LONG.: 29°34' - 82°42'

TOWNSHIP: 10S

RANGE: 16E

SECTION: 33

1/4 SECTION: S

DESCRIPTION: Colony site: Shrub island in pond.
Habitat surrounding colony: Cypress, pine, and marsh.
Colony area: 2.0 ha
Nesting substrate: Cypress and elderberry over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	June 1976	April 1977	July 1977	April 1978	August 1978
Anhinga	---	---	---	---	20	empty
Great Blue Heron	---	---	8	---	---	
Little Blue Heron	---	---	---	+	---	
Cattle Egret	4000	3000-4000	4200	---	---	
Great Egret	30	100	---	+	40	
TOTALS	4030	3100-4100	4208	+	60	0

COLONY NUMBER: 605018

COUNTY: Gilchrist

COLONY NAME: Shady Grove Church

LAT. - LONG.: 29°35' - 82°45'

TOWNSHIP: 10S

RANGE: 16E

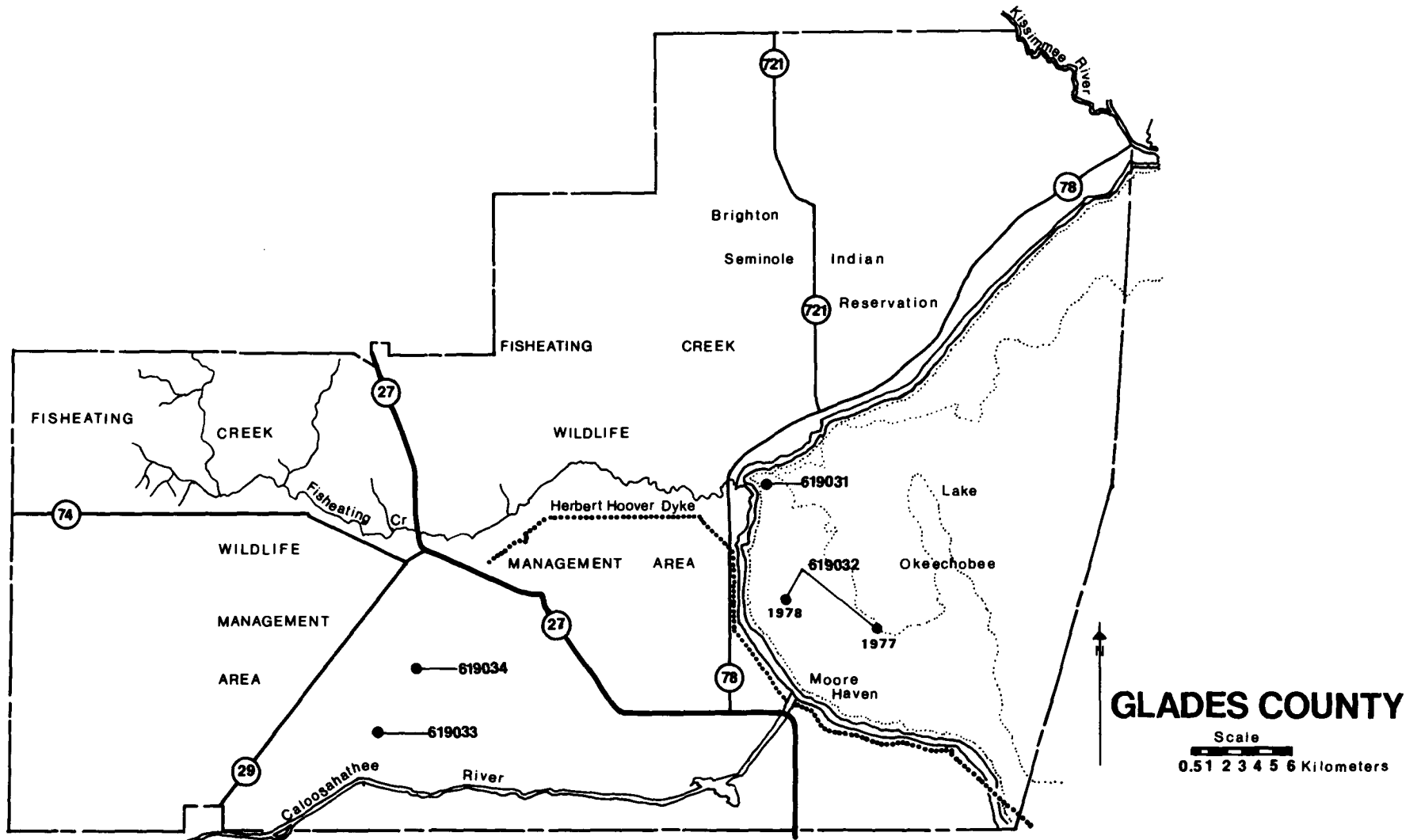
SECTION: 30

1/4 SECTION: SW

DESCRIPTION: Colony site: Shrub island in pond.
Habitat surrounding colony: Cypress.
Colony area: 0.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: <0.8 km (roads)

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Cattle Egret	120
TOTALS	120



GLADES COUNTY

Scale
0.5 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 619031

COUNTY: Glades

COLONY NAME: Fisheating Bay

LAT. - LONG.: 26°58' - 81°07'

TOWNSHIP: 40S/41S

RANGE: 32E

SECTION: 26/35

1/4 SECTION:

DESCRIPTION:

Colony site: Willows.

Habitat surrounding colony: Willows and sawgrass.

Colony area: 0.4 ha

Nesting substrate: Willows at seasonally flooded site.

Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1978
Great Egret	50
TOTALS	50

COLONY NUMBER: 619032

COUNTY: Glades

COLONY NAME: Moore Haven

LAT. - LONG.: 1977 - 26°53' - 81°02'
1978 - 26°54' - 81°06'

TOWNSHIP: 1977 - 41S RANGE: 33E SECTION: 28 1/4 SECTION: NW
1978 - 41S 32E 23 ---

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh and lake.
Colony area: 0.5 ha
Nesting substrate: Willows at seasonally flooded site.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	August 1978
Great Blue Heron	---	+
Little Blue Heron	+	---
Cattle Egret	2500-3000	---
Great Egret	100+	---
Snowy Egret	++	---
Egret spp. (Cattle & Great)	---	2000++
Louisiana Heron	100+	---
White Ibis	+	+
TOTALS	2700-3200+	2000+

COLONY NUMBER: 619033

COUNTY: Glades

COLONY NAME: Ortona

LAT. - LONG.: 26°50' - 81°20'

TOWNSHIP: 42S

RANGE: 30E

SECTION: 16/17

1/4 SECTION:

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh and pines.
Colony area: 0.3 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1976
Cattle Egret	1500
TOTALS	1500

COLONY NUMBER: 619034

COUNTY: Glades

COLONY NAME: Turkey Branch

LAT. - LONG.: 26°52' - 81°19'

TOWNSHIP: 41S

RANGE: 30E

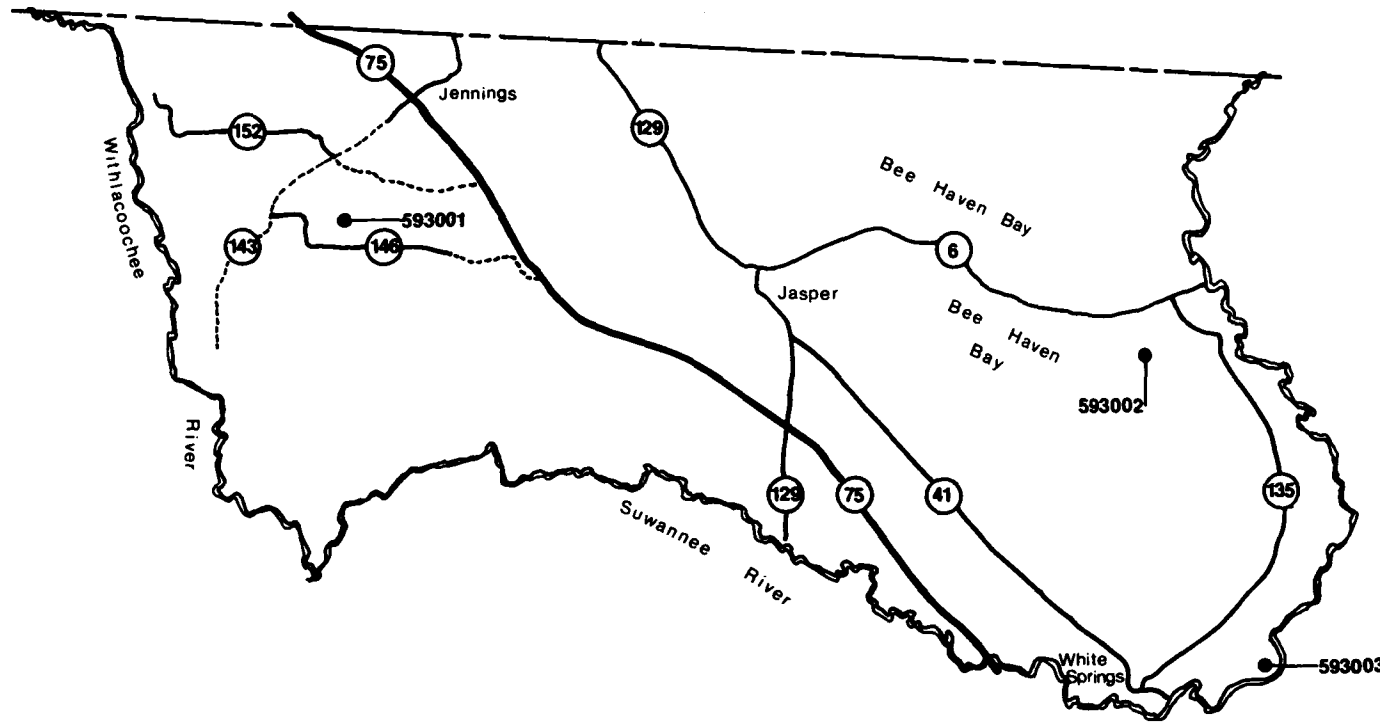
SECTION: 34

1/4 SECTION: W

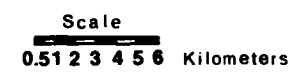
DESCRIPTION: Colony site: Water oaks in a marshy pond.
Habitat surrounding colony: Willows and flag marsh.
Colony area: No data.
Nesting substrate: Water oaks.
Proximity to human disturbance: < 0.8 km (railroad tracks)

SPECIES COMPOSITION (number of nesting pairs):

	May 1978	June 1978
Great Blue Heron	+	15
Great Egret	75	75
TOTALS	75+	90



HAMILTON COUNTY



COLONY NUMBER: 593001

COUNTY: Hamilton

COLONY NAME: Blair Cemetery

LAT. - LONG.: 30°33' - 83°09'

TOWNSHIP: 2N RANGE: 12E SECTION: 30 1/4 SECTION: SE

DESCRIPTION: Colony site: Island in a pond.
Habitat surrounding colony: Water, pasture, and trees.
Colony area: 0.8 ha
Nesting substrate: Swamp hardwoods and medium-height shrubs
over water.
Proximity to human disturbance: > 0.8 km (April)
< 0.8 km (June)

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1977	April 1978	July 1978
Little Blue Heron	75	30+	empty	empty	empty	---
Cattle Egret	100	150				4*
Great Egret	20	15				---
Louisiana Heron	---	30				---
TOTALS	195	225+	0	0	0	4*

* non-nesting individuals

COLONY NUMBER: 593002

COUNTY: Hamilton

COLONY NAME: Occidental Phosphate

LAT. - LONG.: 30°28' - 82°45'

TOWNSHIP: 1N

RANGE: 16/15E

SECTION: 19/24

1/4 SECTION:

DESCRIPTION: Colony site: Island in water impoundment.
Habitat surrounding colony: Water.
Colony area: 6.0 ha
Nesting substrate: Dead trees over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	Ground Check May 1977	April 1978	August 1978
Double-crested Cormorant	1000	250	50	75
Anhinga	---	150	---	---
Little Blue Heron	---	200	---	---
Cattle Egret	4000	4500-5000	500*	200
Great Egret	---	150	100	---
Snowy Egret	---	50	---	---
Black-crowned Night Heron	---	75	---	---
White Ibis	3000	2500	200*	---
TOTALS	8000	7875-8375	150 700*	275

*non-nesting individuals

COLONY NUMBER: 593003

COUNTY: Hamilton

COLONY NAME: White Springs

LAT. - LONG.: 30°20' - 82°41'

TOWNSHIP: 2S

RANGE: 16E

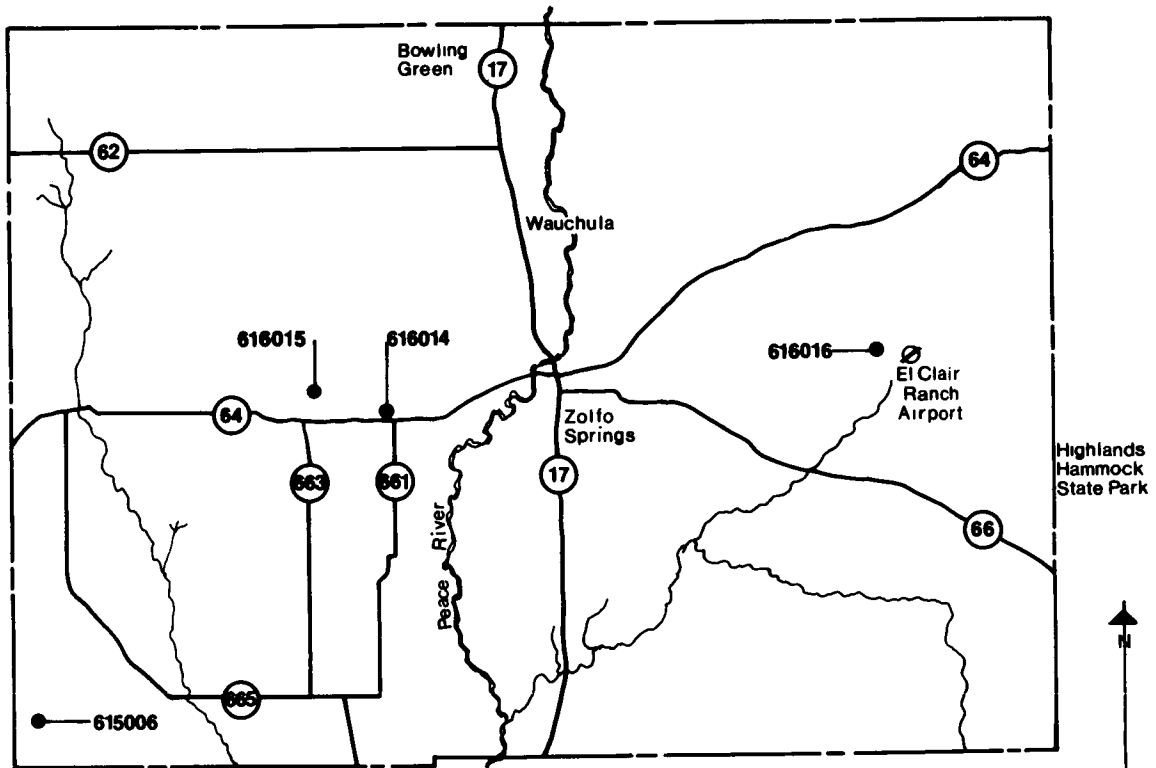
SECTION: 2/11

1/4 SECTION:

DESCRIPTION: Colony site: Cypress.
Habitat surrounding colony: Cypress swamp.
Colony area: 1977 - 2.0 ha 1978 - 0.6 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978	August 1978
Great Blue Heron	---	30	---
Cattle Egret	---	---	150
Great Egret	100	200	---
TOTALS	100	230	150



HARDEE COUNTY



COLONY NUMBER: 615006

COUNTY: Hardee

COLONY NAME: Curtis Road

LAT. - LONG: 27°21' - 82°03'

TOWNSHIP: 36S RANGE: 23E SECTION: 7

1/4 SECTION:

DESCRIPTION: Colony site: Willowhead and marshy pond.
Habitat surrounding colony: Freshwater marsh and pasture land.
Colony area: 0.1 ha
Nesting substrate: Medium height shrubs (mostly dead) over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Cattle Egret	50-75
Great Egret	5+
TOTALS	55-80+

COLONY NUMBER: 616014

COUNTY: Hardee

COLONY NAME: East of Ona

LAT. - LONG: 27°29' - 81°53'

TOWNSHIP: 34S

RANGE: 24E

SECTION: 35

1/4 SECTION: NE

DESCRIPTION: Colony site: Willowhead around pond.
 Habitat surrounding colony: Mixed woods, freshwater marsh,
 and pasture.
 Colony area: 0.4 ha
 Nesting substrate: Willows over water.
 Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1977	April 1978	July 1978
Little Blue Heron	+	---	empty	+
Cattle Egret	1500-2000	500++		1200
Great Egret	50+	---		---
White Ibis	---	---		+
TOTALS	1550-2050+	500+	0	1200+

COLONY NUMBER: 616015

COUNTY: Hardee

COLONY NAME: Northeast of Ona

LAT. - LONG: 27°30' - 81°55'

TOWNSHIP: 34S

RANGE: 24E

SECTION: 28

1/4 SECTION:

DESCRIPTION: Colony site: Three small connected ponds.
Habitat surrounding colony: Hardwoods and pines.
Colony area: No data.
Nesting substrate: Willows and maples over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	+
Cattle Egret	1500
Great Egret	50
TOTALS	1550+

COLONY NUMBER: 616016

COUNTY: Hardee

COLONY NAME: El Clair Ranch

LAT.- LONG: 27°30' - 81°37'

TOWNSHIP: 34S

RANGE: 27E

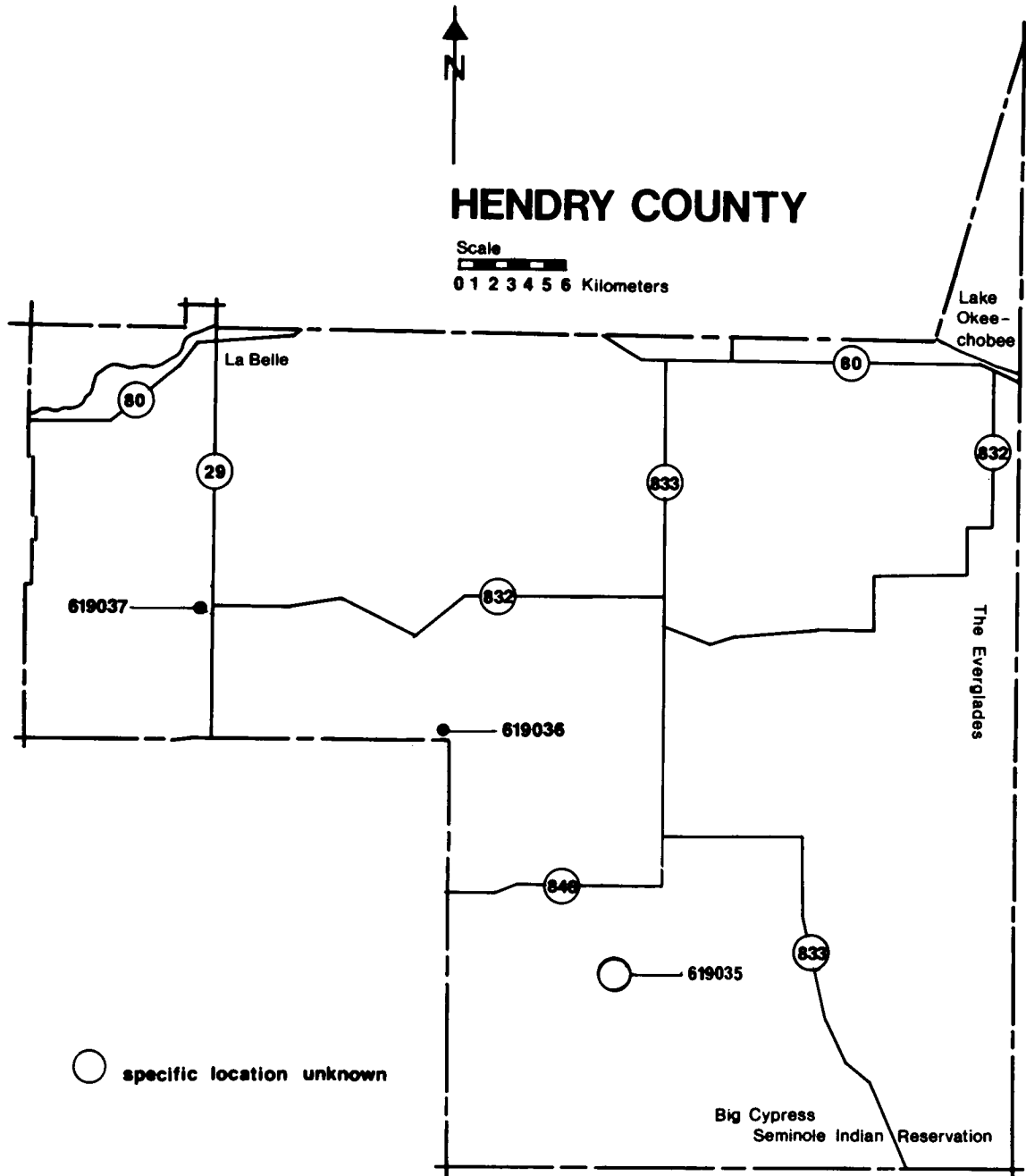
SECTION: 21

1/4 SECTION: SW

DESCRIPTION: Colony site: Cypress in impounded pond.
Habitat surrounding colony: Cypress, pond, and pasture.
Colony area: 4.0 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: <0.8 km (house)

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	June 1976	April 1977	May 1977	April 1978	July 1978
Great Blue Heron	---	---	---	---	25	---
Little Blue Heron	---	+	---	---	---	---
Cattle Egret	1500	1500-2000	500	1000	300	---
Great Egret	---	75-100	150	150	50	---
Louisiana Heron	25	---	---	---	---	---
Wood Stork	250	25-50	425+	425	325	250±
TOTALS	1775	1600-2150+	1075	1575	700	250±



COLONY NUMBER: 619035

COUNTY: Hendry

COLONY NAME: Boggy Slough

LAT. - LONG.: 26°22' - 81°08'

TOWNSHIP: 47S

RANGE: 32E
(southern part)

SECTION:

1/4 SECTION:

DESCRIPTION: Colony site: Swamp pond with willows and pond apples.
Habitat surrounding colony: Cypress.
Colony area: 0.4 ha
Nesting substrate: Willows and pond apples over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1976	August 1976	June 1977	July 1977	May 1978
Little Blue Heron	++	---	empty	empty	empty
Cattle Egret	1500	---			
Heron and Egret spp.	---	1000			
White Ibis	+	---			
TOTALS	1500+	1000	0	0	0

COLONY NUMBER: 619036

COUNTY: Hendry

COLONY NAME: Okaloacoochee North

LAT. - LONG.: 26°31' - 81°16'

TOWNSHIP: 45S

RANGE: 30/31E

SECTION: 36/31

1/4 SECTION:

DESCRIPTION: Colony site: Center of large willowhead.
Habitat surrounding colony: Willowhead in marsh surrounded by cypress and palms.
Colony area: 1.6 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1976	June 1977	July 1977	May 1978	June 1978
Great Blue Heron	2	1	empty	empty	empty	empty
Little Blue Heron	25-50	+				
Cattle Egret	4000	3000-4000				
TOTALS	4027-4052	3001-4001+	0	0	0	0

COLONY NUMBER: 619037

COUNTY: Hendry

COLONY NAME: Twelve-mile Slough

LAT. - LONG.: 26°35' - 81°26'

TOWNSHIP: 45S

RANGE: 29E

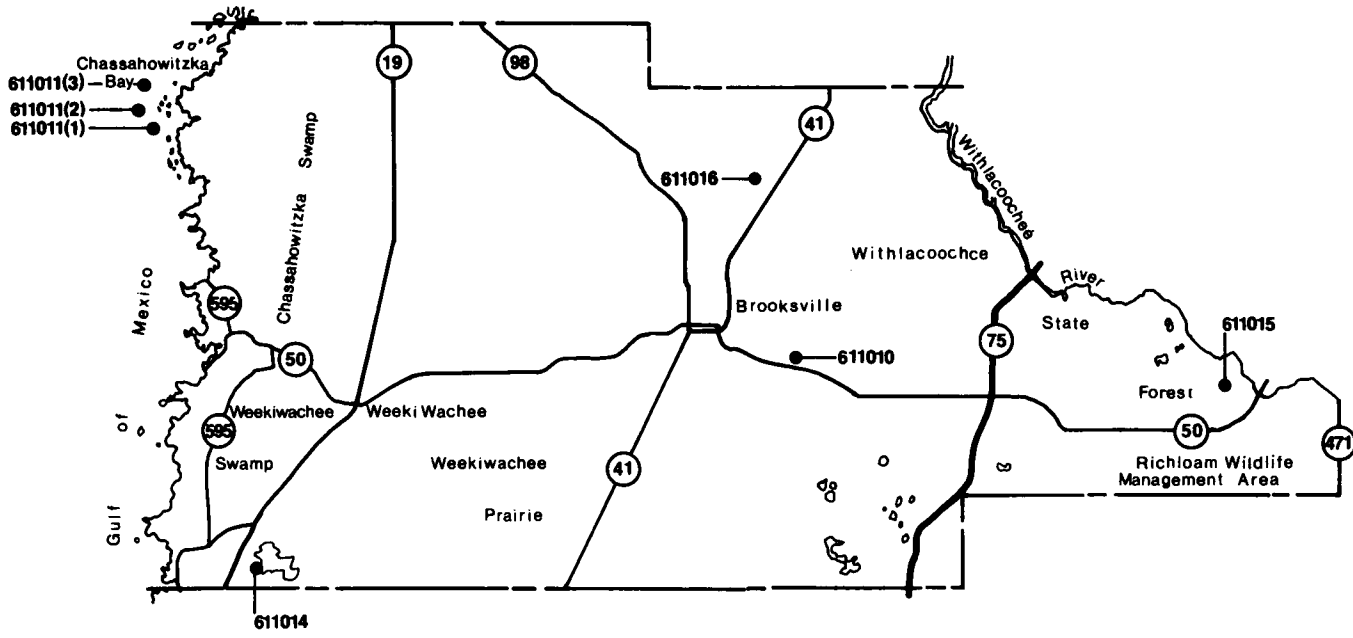
SECTION: 5

1/4 SECTION: SE

DESCRIPTION: Colony site: Shrubby vegetation around pond.
Habitat surrounding colony: Orange grove.
Colony area: No data.
Nesting substrate: No data.
Proximity to human disturbance: < 0.8 km (near orange grove and highway)

SPECIES COMPOSITION (number of nesting pairs):

	May 1978	July 1978
Anhinga	---	+
Little Blue Heron	+	+
Cattle Egret	250	200
Great Egret	5+	---
Louisiana Heron	---	+
TOTALS	255+	200+



HERNANDO COUNTY



COLONY NUMBER: 611010

COUNTY: Hernando

COLONY NAME: East of Brooksville

LAT. - LONG.: 28°32' - 82°21'

TOWNSHIP: 22S

RANGE: 20E

SECTION: 30

1/4 SECTION:

DESCRIPTION: Colony site: Willow pond in pasture.
Habitat surrounding colony: Willows, pond, and pasture.
Colony area: 0.6 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	July 1977	April 1978	July 1978
Little Blue Heron	---	---	---	---	---
Cattle Egret	1000-2000 ⁺	100-150	25-50	300 ⁺	600-800
Great Egret	---	10-20	---	---	---
TOTALS	1000-2000 ⁺	110-170	25-50	300 ⁺	600-800

COLONY NUMBER: 611011

COUNTY: Hernando

COLONY NAME: Chassahowitzka Bay
(Subcolony 1 - Saddle Key)

LAT. - LONG.: 28°40' - 82°41'

TOWNSHIP: 21S RANGE: 16E SECTION: Saddle Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water and mangrove islands.
Colony area: 0.4 ha
Nesting substrate: Dead and live mangroves over high ground.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Double-crested Cormorant	---	---	---	300+	---
Great Blue Heron	20	---	5-10	3-4	+
Cattle Egret	75*	---	---	---	50
Great Egret	75-100	75-100	50+	30	+
Snowy Egret	---	+	+	---	---
Louisiana Heron	---	+	---	+	+
Black-crowned Night Heron	15-20	---	---	---	---
White Ibis	---	---	---	---	+
TOTALS	110-140 75*	75-100+	55-60+	333+	50+

*non-nesting individuals

COLONY NUMBER: 611011

COUNTY: Hernando

COLONY NAME: Chassahowitzka Bay
(Subcolony 2 - Crawl Key)

LAT. - LONG.: 28°39' - 82°41'

TOWNSHIP: 21S RANGE: 16E SECTION: Crawl Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water and mangrove islands.
Colony area: 0.2 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Double-crested Cormorant	---	---	+	50	+
Cattle Egret	10*	---	---	---	---
Great Egret	---	5-10	---	---	---
TOTALS	10*	5-10	+	50	+

*non-nesting individuals

COLONY NUMBER: 611011

COUNTY: Hernando

COLONY NAME: Chassahowitzka Bay
(Subcolony 3 - Bird Key)

LAT. - LONG.: 28°39' - 82°41'

TOWNSHIP: 21S RANGE: 16E SECTION: Bird Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water and mangrove islands.
Colony area: No data.
Nesting substrate: Mangroves (mostly dead) over high ground.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Double-crested Cormorant	---	---	+	100-200	---
Great Blue Heron	---	---	2-3	1	---
Cattle Egret	---	---	50*	+	50
Great Egret	50+	50-100	50+	70±	25
Snowy Egret	---	50-100	---	---	---
Louisiana Heron	---	---	---	---	+
TOTALS	50+	100-200	52+ 50*	171-271+	75+

*non-nesting individuals

COLONY NUMBER: 611014

COUNTY: Hernando

COLONY NAME: Hunter's Lake

LAT. - LONG.: 28°27' - 82°38'

TOWNSHIP: 23S

RANGE: 17E

SECTION: 32

1/4 SECTION: NE

DESCRIPTION: Colony site: Willow island in lake.
Habitat surrounding colony: Willows, marsh, and lake.
Colony area: 0.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	---	---	---	1	---
Little Blue Heron	10+	---	---	+	---
Cattle Egret	200	---	300	300	500
Great Egret	50	---	75++	10-15	+
Snowy Egret	25++	---	---	---	---
Louisiana Heron	---	---	---	+	+
Black-crowned Night Heron	10+	---	---	---	---
Heron and Egret spp.	---	400-500+	---	---	---
TOTALS	295+	400-500+	375+	311-316+	500+

COLONY NUMBER: 611015

COUNTY: Hernando

COLONY NAME: Indian House Swamp

LAT. - LONG.: 28°32' - 82°07'

TOWNSHIP: 22S

RANGE: 22E

SECTION: 33

1/4 SECTION:

DESCRIPTION: Colony site: Cypress dome.
Habitat surrounding colony: Cypress and swamp hardwoods.
Colony area: 1.2 ha
Nesting substrate: Willows and cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Little Blue Heron	---	+
Cattle Egret	3000	2500
Great Egret	50	+
Louisiana Heron	---	+
TOTALS	3050	2500+

COLONY NUMBER: 611016

COUNTY: Hernando

COLONY NAME: Lake Lindsey

LAT. - LONG.: 28°38' - 82°22'

TOWNSHIP: 21S

RANGE: 19E

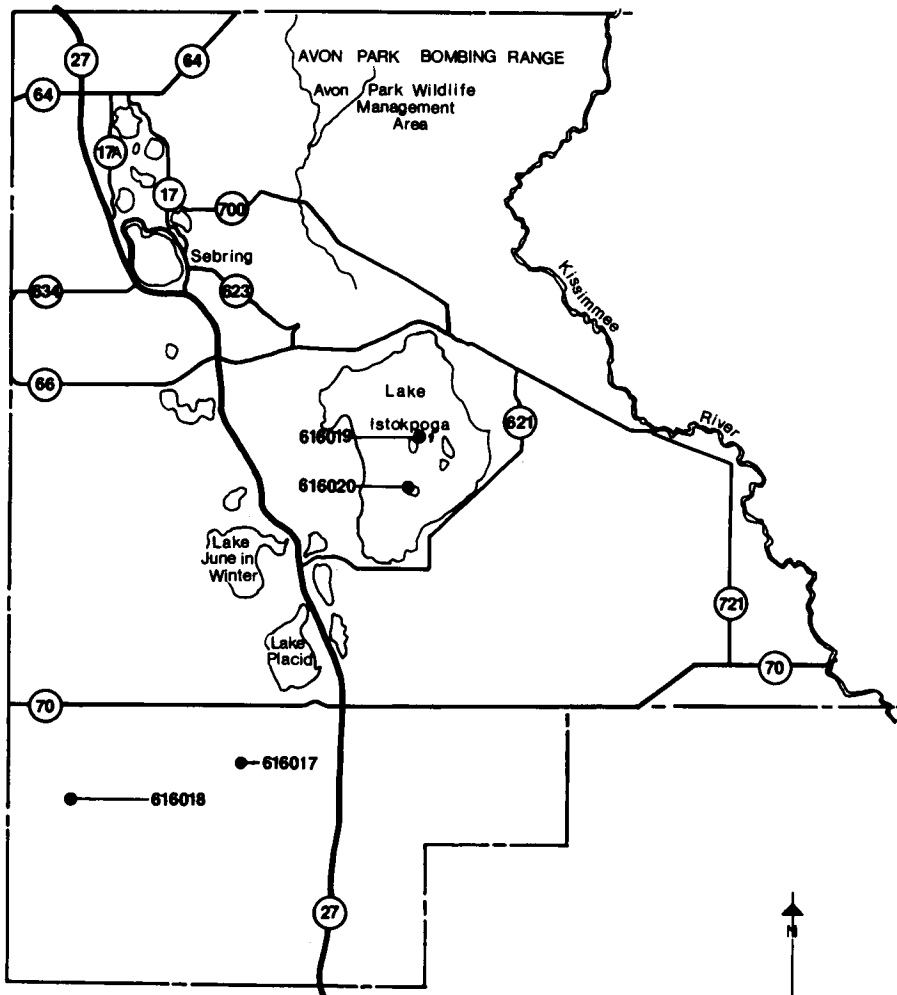
SECTION: 26

1/4 SECTION: E

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Wax myrtle, marsh, and lake.
Colony area: 0.2 ha
Nesting substrate: Willows and wax myrtle (mostly dead)
over water.
Proximity to human disturbance: 1977 - <0.8 km
1978 - >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	April 1978	July 1978
Cattle Egret	750-1000	300	100
Louisiana Heron	---	---	+
TOTALS	750-1000	300	100+



HIGHLANDS COUNTY

Scale
 0 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 616017

COUNTY: Highlands

COLONY NAME: Bootheel Creek
(Subcolony 1)

LAT. - LONG: 27°10' - 81°24'

TOWNSHIP: 38S RANGE: 29E SECTION: 15/14 1/4 SECTION: SE/SW

DESCRIPTION: Colony site: Cypress, bay and swamp shrubs in water impoundment.
Habitat surrounding colony: Bay and cypress (dead & dying).
Colony area: 1976 - 0.2 ha 1977 - 2.4 ha 1978 - 1.0 ha
Nesting substrate: Bay, cypress, and swamp shrubs over water.
Proximity to human disturbance: >0.8 km (area <0.8 km from colony is farmed in July)

Note: Two subcolonies were observed in July 1978 only.

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1977	April 1978	(Sub- colony 1) July 1978
Little Blue Heron	---	++	+	+	---	+
Cattle Egret	150	2000-2500	500-750	3000±	350-400	6000-8000
Great Egret	25	50-100	50+	+	40	+
Snowy Egret	---	---	+	---	---	---
Glossy Ibis	---	---	---	---	---	+
White Ibis	+	---	50+	+	---	---
TOTALS	175+	2050-2600+	600-850+	3000+	390-440	6000-8000+

COLONY NUMBER: 616017

COUNTY: Highlands

COLONY NAME: Bootheel Creek
(Subcolony 2)

LAT. - LONG: 27°10' - 81°24'

TOWNSHIP: 38S RANGE: 29E SECTION: 15/14 1/4 SECTION: SE/SW

DESCRIPTION: Colony site: Cypress, bay, and swamp shrubs in water impoundment.
Habitat surrounding colony: Bay and cypress (dead and dying).
Colony area: No data.
Nesting substrate: Bay and cypress.
Proximity to human disturbance: < 0.8 km (farmland, pasture)

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	+
Cattle Egret	300-400
Great Egret	50+
TOTALS	350-450+

COLONY NUMBER: 616018

COUNTY: Highlands

COLONY NAME: East of Orange Grove

LAT. - LONG: 27°09' - 81°25'

TOWNSHIP: 38S

RANGE: 28E

SECTION: 20

1/4 SECTION:

DESCRIPTION: Colony site: Willowhead in a marshy pond.
Habitat surrounding colony: Marshy pond and pastures.
Colony area: 1.8 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km (area <0.8 km from colony is farmed in July)

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Great Blue Heron	+	---
Cattle Egret	1500	2000
Great Egret	25	+
Glossy Ibis	100±	---
White Ibis	+	---
TOTALS	1625+	2000+

COLONY NUMBER: 616019

COUNTY: Highlands

COLONY NAME: Lake Istokpoga - Marsh Island

LAT. - LONG: 27°23' - 81°16'

TOWNSHIP: 36S

RANGE: 30E

SECTION: 1

1/4 SECTION:

DESCRIPTION: Colony site: Marshy island in lake.
Habitat surrounding colony: Low hardwoods and freshwater marsh.
Colony area: 1976 - 2.0 ha 1977 - 1.2 ha
Nesting substrate: Willows and herbaceous vegetation at
seasonally flooded site.
Proximity to human disturbance: > 0.8 km

Note: April 1977, colony in 2 parts on island; not censused separately. June 1977, colony in 3 parts on island; not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	June 1976	April 1977	June 1977	May 1978	June 1978
Great Blue Heron	---	---	5	---	---	---
Little Blue Heron	25-50	50	50	---	---	---
Cattle Egret	2500+	2000	1000	2000	1000	500
Great Egret	---	---	---	---	100	---
Snowy Egret	---	---	500	200+	150	100
Louisiana Heron	+	250	---	250	50+	---
White Ibis	500-1000	1000	1000	500	2500	1000
TOTALS	3025-3550+	3300	2555	2950+	3800+	1600

COLONY NUMBER: 616020

COUNTY: Highlands

COLONY NAME: Lake Istokpoga - Bumblebee
Island

LAT. - LONG: 27°21' - 81°17'

TOWNSHIP: 36S

RANGE: 30E

SECTION: 13

1/4 SECTION:

DESCRIPTION: Colony site: Cypress around perimeter of marshy/grassy island.
Habitat surrounding colony: Cypress, marsh, grassy island and lake.

Colony area: 4.0 ha

Nesting substrate: Cypress over high ground.

Proximity to human disturbance: >0.8 km (cattle graze on island)

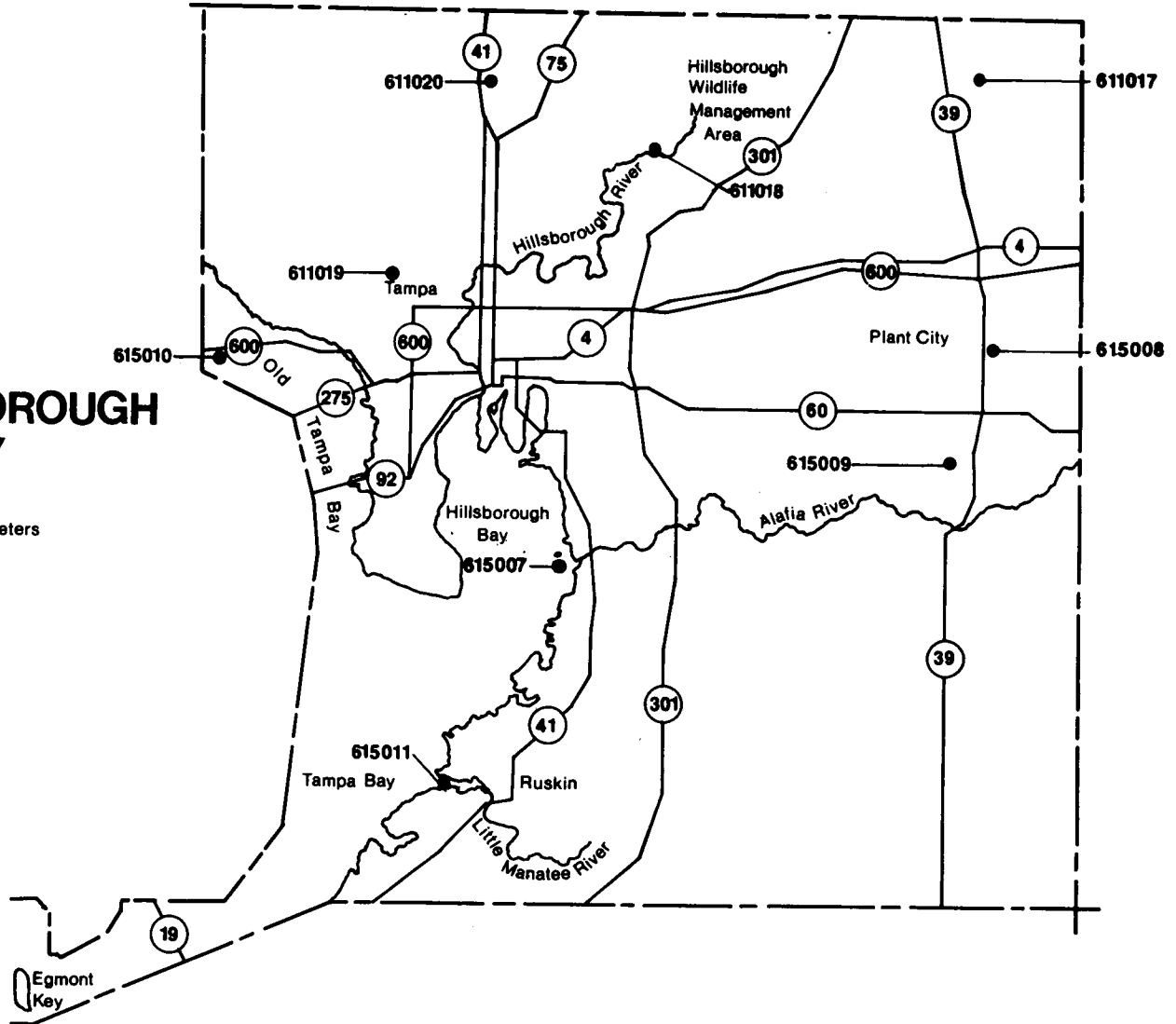
SPECIES COMPOSITION (number of nesting pairs):

	May 1976	June 1976	April 1977	June 1977	May 1978	July 1978
Great Blue Heron	20+	---	---	2	---	---
Little Blue Heron	---	---	---	---	20+	---
Cattle Egret	---	---	---	---	1500	---
Great Egret	25	250	150-200	200	300	150
Snowy egret	---	---	---	---	50	---
TOTALS	45+	250	150-200	202	1870+	150



HILLSBOROUGH COUNTY

Scale
0 1 2 3 4 5 6 Kilometers



COLONY NUMBER: 611017

COUNTY: Hillsborough

COLONY NAME: Blackwater Creek

LAT. - LONG.: 28°08' - 82°07'

TOWNSHIP: 27S

RANGE: 22E

SECTION: 17

1/4 SECTION: NE

DESCRIPTION: Colony site: Center of cypress dome.
Habitat surrounding colony: Cypress and pasture.
Colony area: 0.8 ha
Nesting substrate: Willows and swamp hardwood shrubs over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	July 1977	April 1978
Cattle Egret	400-500	empty	empty	---
Great Egret	10-20			---
Cattle Egret and White Ibis	---			30±*
TOTALS	410-520	0	0	30±*

*non-nesting individuals

COLONY NUMBER: 611018

COUNTY: Hillsborough

COLONY NAME: Hillsborough River Swamp

LAT. - LONG.: 28°05' - 82°21'

TOWNSHIP: 27S

RANGE: 20E

SECTION: 31

1/4 SECTION: SW

DESCRIPTION: Colony site: Cypress and swamp hardwood forest along Hillsborough River.
Habitat surrounding colony: Cypress and swamp hardwoods.
Colony area: 0.4 ha
Nesting substrate: Cypress and swamp hardwoods over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	April 1978	July 1978
Great Blue Heron	10-15	25-30	empty	empty
Great Egret	75	---		
TOTALS	85-90	25-30	0	0

COLONY NUMBER: 611019

COUNTY: Hillsborough

COLONY NAME: Tampa

LAT. - LONG.: 28°01' - 82°31'

TOWNSHIP: 28S

RANGE: 18E

SECTION: 28

1/4 SECTION: NE

DESCRIPTION: Colony site: Island in a water impoundment.
Habitat surrounding colony: Willows and cattails in impoundment.
Colony area: No data.
Nesting substrate: Herbaceous vegetation at seasonally flooded site.
Proximity to human disturbance: <0.8 km

Note: Colony was not active after the winter of 1977 - snow killed vegetation.

SPECIES COMPOSITION (number of nesting pairs):

	Ground check April 1976
Green Heron	7
Little Blue Heron	12
Snowy Egret	2
Least Bittern	4
TOTALS	25

COLONY NUMBER: 611020

COUNTY: Hillsborough

COLONY NAME: Wooten Road Pond

LAT. - LONG.: 28°08' - 82°27'

TOWNSHIP: 27S

RANGE: 18E

SECTION: 13

1/4 SECTION:

DESCRIPTION: Colony site: Island in pond.
Habitat surrounding colony: Orange groves.
Colony area: 0.1 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: <0.8 km (near orange groves)

SPECIES COMPOSITION (number of nesting pairs):

	June 1976
Little Blue Heron	+
Cattle Egret	500-600
Great Egret	+
Snowy Egret	+
Louisiana Heron	+
TOTALS	500-600+

COLONY NUMBER: 615007

COUNTY: Hillsborough

COLONY NAME: Alafia

LAT. - LONG: 27°51' - 82°25'

TOWNSHIP: 30S RANGE: 19E SECTION: 28/29 1/4 SECTION: N

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Mangroves, Schinus, Lantana, and sabal palmetto on island. Open water.
Colony area: 15 ha
Nesting substrate: Mangroves, Schinus, Lantana, sabal palmetto-some over water, some over high ground.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	Ground estimate of total numbers of birds nesting over entire season, 1976	April 1977	April 1978	July 1978
Brown Pelican	---	500+	---	---	---
Double-crested Cormorant	---	200+	---	---	---
Great Blue Heron	---	100	+	25++	+
Little Blue Heron	---	300+	---	+	+
Cattle Egret	---	5000+	500-1000	+	5000++
Reddish Egret	---	10	---	---	+
Great Egret	---	350+	100-200	75-100	+
Snowy Egret	---	500+	+	+	+
Egret spp. (Great & Cattle)	2000-3000	---	---	---	---
Louisiana Heron	+	400+	+	+	+
Black-crowned Night Heron	---	400+	---	+	---
Yellow-crowned Night Heron	---	300+	---	---	---
Glossy Ibis	+	300+	+	---	+
White Ibis	1000-2000	5000+	7000-8000	8000-10,000	---
Roseate Spoonbill	---	10-20	---	---	+
TOTALS	3000-5000+	13,370- 13,380+	7600-9200+	8100-10,125+	5000+

COLONY NUMBER: 615008

COUNTY: Hillsborough

COLONY NAME: Plant City

LAT. - LONG: 27°59' - 82°07'

TOWNSHIP: 29S

RANGE: 22E

SECTION: 4/9

1/4 SECTION: S/N

DESCRIPTION: Colony site: Low woody vegetation in willowhead.
Habitat surrounding colony: Willows and swamp hardwoods in pasture.
Colony area: 1976 - 1.0 ha 1978 - 0.1 ha
Nesting substrate: Willows and woody swamp shrubs over water.
Proximity to human disturbance: 1976 - > 0.8 km
1978 - < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Anhinga	---	+	---	---
Little Blue Heron	25-50	---	---	---
Cattle Egret	800	---	50	700-800
Great Egret	+	5-10	---	---
Snowy Egret	---	---	---	+
White Ibis	200	---	---	+
TOTALS	1025-1050+	5-10+	50	700-800+

COLONY NUMBER: 615009

COUNTY: Hillsborough

COLONY NAME: Pleasant Grove

LAT. - LONG: 27°54' - 82°08'

TOWNSHIP: 30S

RANGE: 22E

SECTION: 5/6

1/4 SECTION:

DESCRIPTION: Colony site: Willows in a water impoundment.
Habitat surrounding colony: Pasture and oak woods.
Colony area: 4.0 ha
Nesting substrate: Willows (some dead) over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	+
Cattle Egret	5000
Great Egret	+
Snowy Egret	+
Wood Stork	150
White Ibis	+
TOTALS	5150+

COLONY NUMBER: 615010

COUNTY: Hillsborough

COLONY NAME: Sunset Park

LAT. - LONG: 27°58' - 82°38'

TOWNSHIP: 29S

RANGE: 17E

SECTION:

1/4 SECTION:

DESCRIPTION: Colony site: No data.
Habitat surrounding colony: No data.
Colony area: 5.0 ha
Nesting substrate: Coniferous trees.
Proximity to human disturbance: No data.

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	Ground check June 1976
Yellow-crowned Night Heron	14	14
TOTALS	14	14

COLONY NUMBER: 615011

COUNTY: Hillsborough

COLONY NAME: South of Whiskey Key

LAT. - LONG: 27°43' - 82°29'

TOWNSHIP: 32S

RANGE: 18E

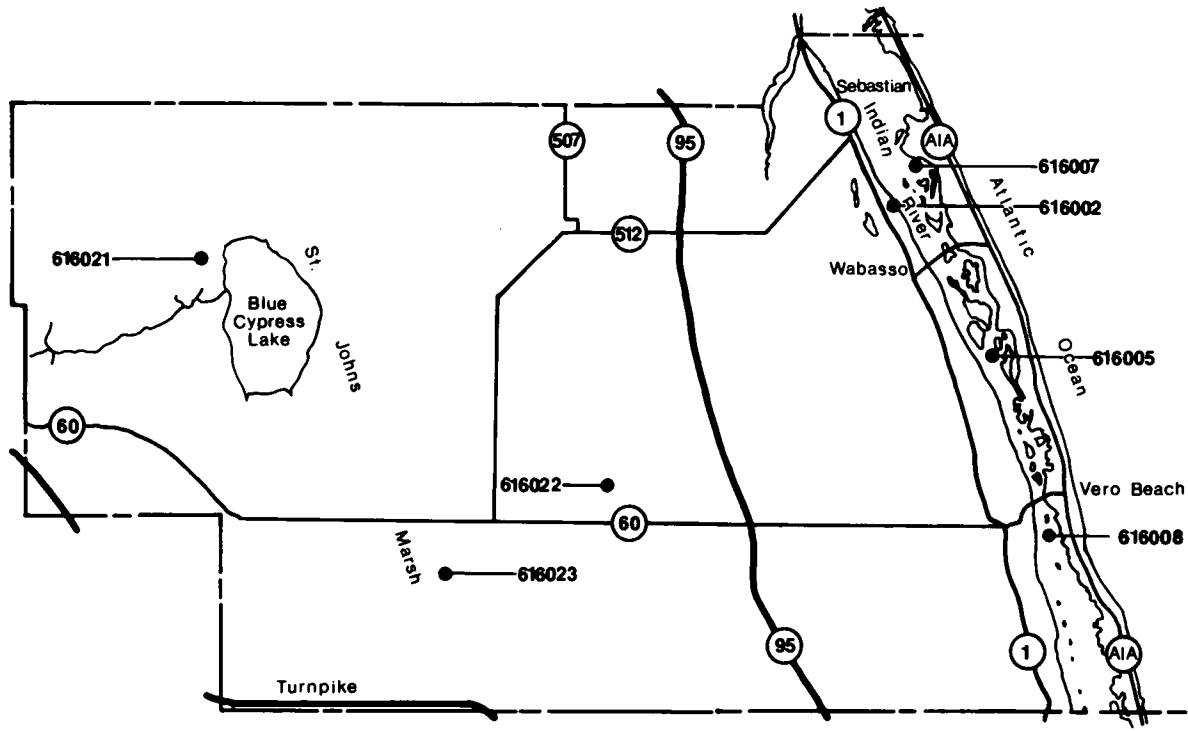
SECTION: 11

1/4 SECTION: W

DESCRIPTION: Colony site: Natural island, with spoil dumped on it, in river.
Habitat surrounding colony: Mangroves, Casuarina, and river.
Colony area: 0.3 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Cattle Egret	500-600
TOTALS	500-600



INDIAN RIVER COUNTY

Scale
 0.5 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 616002

COUNTY: Indian River

COLONY NAME: Duck Point Spoil

LAT. - LONG: 27°47' - 80°27'

TOWNSHIP: 31S

RANGE: 39E

SECTION: 16

1/4 SECTION:

DESCRIPTION: Colony site: Two coastal spoil islands.
Habitat surrounding colony: Mangroves, Casuarina, Schinus,
and water.
Colony area: 0.2 ha
Nesting substrate: Mangroves, Casuarina, and Schinus over high
ground.
Proximity to human disturbance: > 0.8 km
Note: The two islands were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	Ground check July 1976	May 1977	Ground check June 1977	May 1978	June 1978
Double-crested Cormorant	---	60	---	25+	---	50
Anhinga	3	11	10	25+	---	50
Great Blue Heron	---	---	---	---	10	---
Green Heron	---	---	---	4*	---	---
Little Blue Heron	30	6	+	5+	20	25+
Cattle Egret	400	225	200	775	200	500
Great Egret	---	---	---	---	20	---
Snowy Egret	7	4	200	+	200	+
Louisiana Heron	125	57	50+	76+	100+	50+
Black-crowned Night Heron	---	---	---	4*	---	---
White Ibis	45	27	---	102	---	---
TOTALS	610	390	460	1008+ 8*	550+	675+

*non-nesting individuals

COLONY NUMBER: 616005

COUNTY: Indian River

COLONY NAME: Johns Island Spoil

LAT. - LONG: 27°42' - 80°24'

TOWNSHIP: 32S

RANGE: 39E

SECTION: 12

1/4 SECTION:

DESCRIPTION: Colony site: Two coastal spoil islands.
Habitat surrounding colony: Open water.
Colony area: 0.4 ha
Nesting substrate: Casuarina over high ground.
Proximity to human disturbance: >0.8 km

Note: The two islands were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	Ground check August 1976	April 1977	May 1978	June 1978
Brown Pelican	25*	---	empty	---	empty
Anhinga	---	10		---	
Great Blue Heron	---	---		10	
Little Blue Heron	---	5		---	
Cattle Egret	50	240		---	
Great Egret	10	1		---	
Snowy Egret	10	---		---	
Louisiana Heron	10	56		---	
Black-crowned Night Heron	---	1		---	
White Ibis	---	40		---	
TOTALS	80 25*	353	0	10	0

*non-nesting individuals

COLONY NUMBER: 616007

COUNTY: Indian River

COLONY NAME: Pelican Island

LAT. - LONG: 27°48' - 80°26'

TOWNSHIP: 31S

RANGE: 39E

SECTION: 9

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Open water.
Colony area: 1976 - 4.1 ha 1977 - 1.4 ha
Nesting substrate: Mangroves, prickly pear cactus, ground
nesting on high ground.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	Ground check July 1976	May 1977	May 1978	July 1978
Brown Pelican	300	25	250+	50++	+
Double-crested Cormorant	125	2	50	+	+
Great Blue Heron	20	---	10	6	+
Green Heron	---	2	---	---	---
Great Egret	50	30	50	50	---
Black-crowned Night Heron	---	4	---	---	---
Wood Stork	250	---	200	200+	---
TOTALS	745	63	560+	306+	+

COLONY NUMBER: 616008

COUNTY: Indian River

COLONY NAME: Riomar Spoil

LAT. - LONG: 27°38' - 80°22'

TOWNSHIP: 33S

RANGE: 40E

SECTION: 6

1/4 SECTION:

DESCRIPTION: Colony site: Coastal spoil island.
Habitat surrounding colony: Open water.
Colony area: 1976 - 3.0 ha 1977 - 2.0 ha
Nesting substrate: Mangroves and Casuarina over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	Ground check July 1976	Ground check April 1977	June 1977	April 1978	Ground check July 1978
Brown Pelican	313	60	250	250	500+	200+
Double-crested Cormorant	25	25	+	+	20	+
Anhinga	11	6	+	---	---	+
Great Blue Heron	3	3	+	+	5	---
Little Blue Heron	101	5	50	50	+	25
Cattle Egret	587	1825	500	1500	---	1500+
Great Egret	35	25	100	---	100	50
Snowy Egret	1100	---	1000	100	---	50
Egret spp. (Cattle & Snowy)	**	**	**	**	500+	**
Reddish Egret	---	---	---	---	---	1
Louisiana Heron	475	25	500	500	200+	150
Black-crowned Night Heron	---	+	20	+	---	+
Yellow-crowned Night Heron	5	4	3	---	5	13
White Ibis	419	1325	50*	300	---	500
TOTALS	3074	3303+	2423+ 50*	2700+	1330+	2489+

*non-nesting individuals

**Egret spp. were censused separately

COLONY NUMBER: 616021

COUNTY: Indian River

COLONY NAME: Blue Cypress Creek
Impoundment

LAT. - LONG: 27°45' - 80°48'

TOWNSHIP: 31S

RANGE: 35E

SECTION: 25

1/4 SECTION: W

DESCRIPTION: Colony site: Cypress in water impoundment.
Habitat surrounding colony: Open pineland and unimproved pasture.
Colony area: 0.4 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977	May 1978
Great Blue Heron	6	6	empty
TOTALS	6	6	0

COLONY NUMBER: 616022

COUNTY: Indian River

COLONY NAME: Kromhout

LAT. - LONG: 27°39' - 80°35'

TOWNSHIP: 32S RANGE: 37E SECTION: 36 1/4 SECTION: SE

DESCRIPTION: Colony site: Willows and cattails.
Habitat surrounding colony: Citrus groves.
Colony area: 2.0 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1978	Ground check August 1978
Anhinga	25	25
Cattle Egret	1000	200
TOTALS	1025	225

COLONY NUMBER: 616023

COUNTY: Indian River

COLONY NAME: St. John's Reservoir

LAT. - LONG: 27°36' - 80°40'

TOWNSHIP: 33S

RANGE: 37E

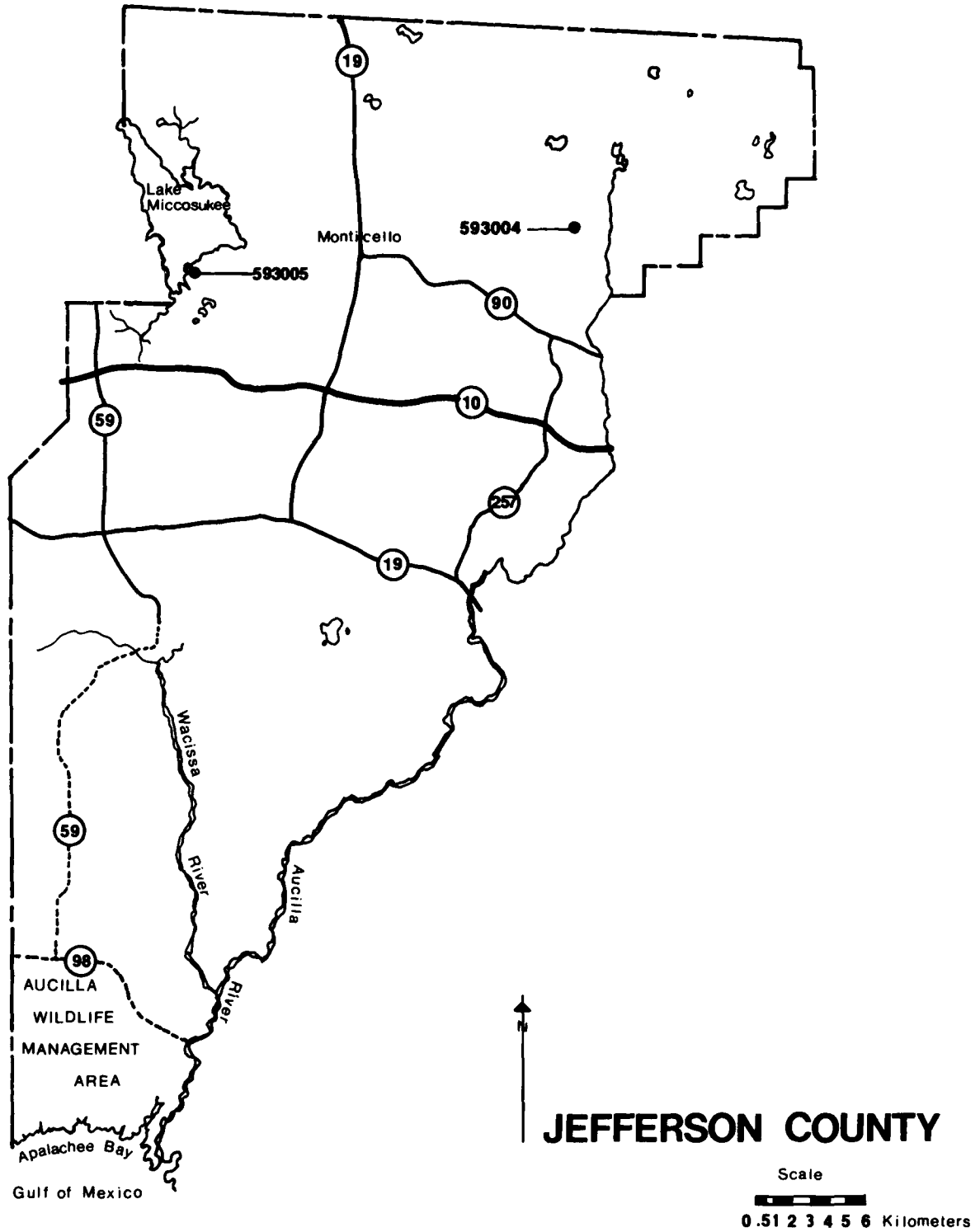
SECTION: 18

1/4 SECTION:

DESCRIPTION: Colony site: Three to seven cypress heads in water impoundment.
Habitat surrounding colony: Freshwater marsh and water.
Colony area: 2.0 ha
Nesting substrate: Cypress and sawgrass over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	June 1977	April 1978	June 1978
Anhinga	---	50	---	---
Cattle Egret	---	1000	---	500
Great Egret	150	100	100	50
Snowy Egret	---	---	---	50
White Ibis	---	---	---	100
TOTALS	150	1150	100	700



COLONY NUMBER: 593004

COUNTY: Jefferson

COLONY NAME: June Pond

LAT. - LONG.: 30°33' - 83°45'

TOWNSHIP: 2N

RANGE: 6E

SECTION: 20

1/4 SECTION: SW

DESCRIPTION: Colony site: Cypress at edge of pond.
Habitat surrounding colony: Pasture and pond.
Colony area: No data.
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	April 1977	April 1978	August 1978
Great Blue Heron	8	empty	---	empty	---
Little Blue Heron	---		100		---
Cattle Egret	---		300		+*
Great Egret	---		50		---
White Ibis	---		250		+*
TOTALS	8	0	700	0	+*

*non-nesting individuals; colony could have been active earlier.

COLONY NUMBER: 593005

COUNTY: Jefferson

COLONY NAME: Lake Miccosukee

LAT. - LONG.: 30°32' - 83°58'

TOWNSHIP: 2N

RANGE: 4E

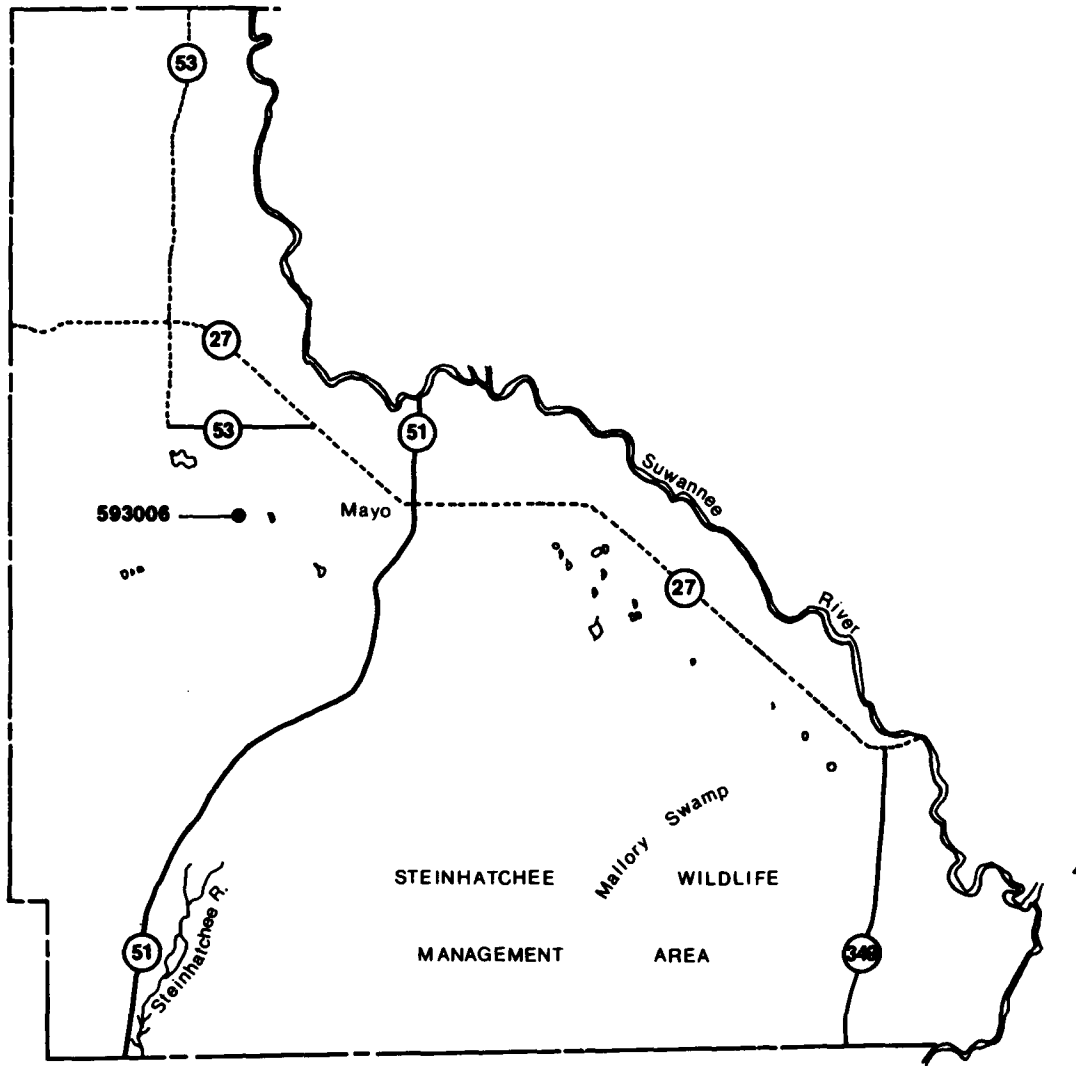
SECTION: 30

1/4 SECTION:

DESCRIPTION: Colony site: Cypress at edge of lake.
Habitat surrounding colony: Cypress and lake.
Colony area: 0.8 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: < 0.8 km

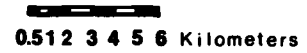
SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	April 1977	April 1978	August 1978
Anhinga	---	empty	+	empty	empty
Great Blue Heron	50		6		
TOTALS	50	0	6+	0	0



LAFAYETTE COUNTY

Scale



COLONY NUMBER: 593006

COUNTY: Lafayette

COLONY NAME: Mayo

LAT. - LONG.: 30°03' - 83°16'

TOWNSHIP: 5S

RANGE: 11E

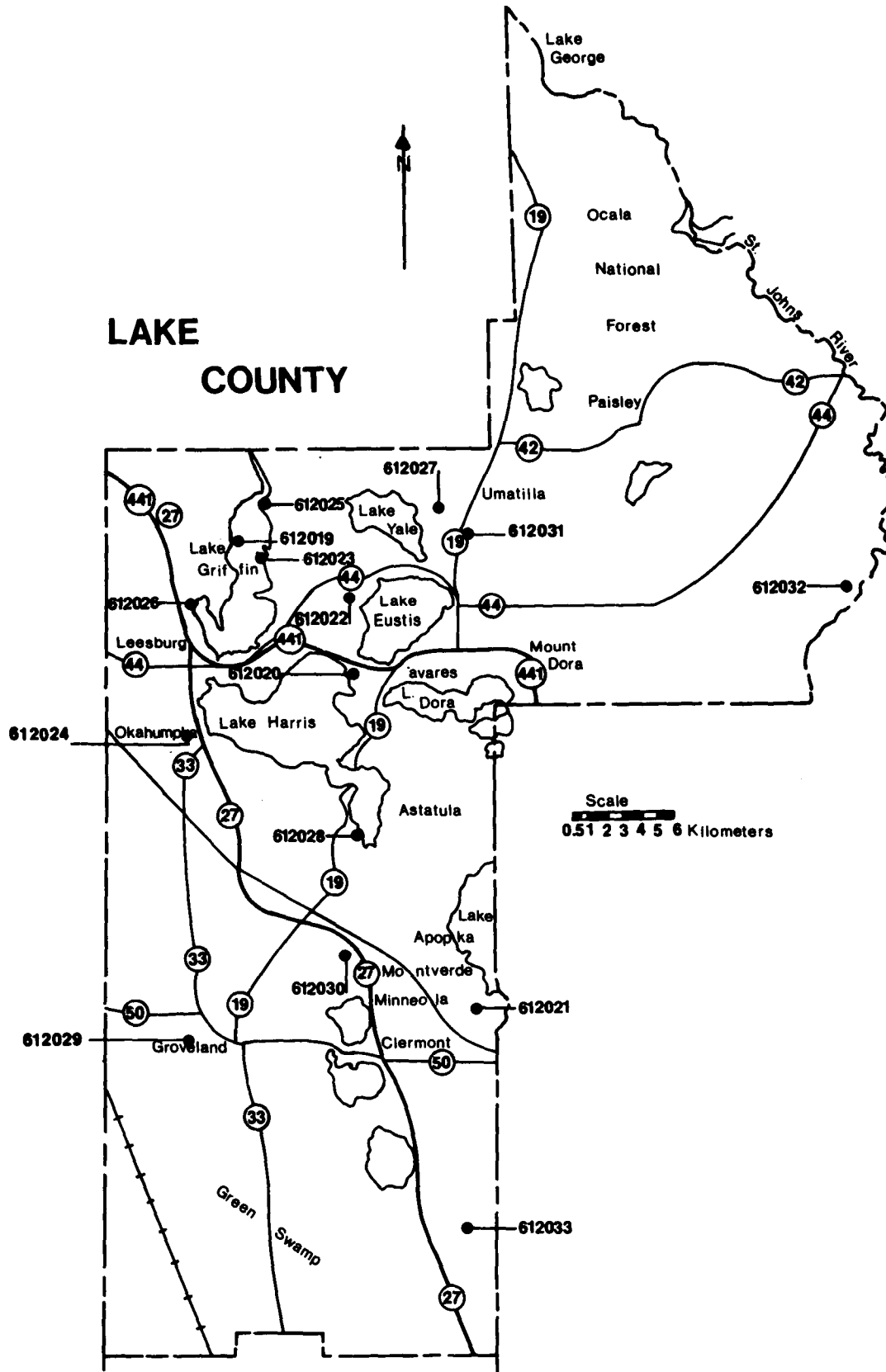
SECTION: 18

1/4 SECTION: SW

DESCRIPTION: Colony site: Island in pond.
Habitat surrounding colony: Cypress and open water.
Colony area: 0.4 ha
Nesting substrate: Willows and elderberry over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	August 1978
Great Blue Heron	6	1	---
Cattle Egret	---	---	350
Great Egret	20	10	100
TOTALS	26	11	450



COLONY NUMBER: 612019

COUNTY: Lake

COLONY NAME: Little Bird Island

LAT. - LONG: 28°54' - 81°51'

TOWNSHIP: 18S

RANGE: 24/25E

SECTION: 24/19

1/4 SECTION: SE/SW

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Willows and lake.
Colony area: 0.1 ha
Nesting substrate: Willows and elderberry.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1978
Anhinga	25
Cattle Egret	100
TOTALS	125

COLONY NUMBER: 612020

COUNTY: Lake

COLONY NAME: Dead River

LAT. - LONG: 28°48' - 81°46'

TOWNSHIP: 19S

RANGE: 25E

SECTION: 25

1/4 SECTION:

DESCRIPTION: Colony site: Cypress in creek near edge of lake.
Habitat surrounding colony: Cypress.
Colony area: No data.
Nesting substrate: Cypress over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	June 1977	April 1978	July 1978
Great Blue Heron	35	empty	40	empty	empty	empty
TOTALS	35	0	40	0	0	0

COLONY NUMBER: 612021

COUNTY: Lake

COLONY NAME: Gourd Neck

LAT. - LONG: 28°34' - 81°41'

TOWNSHIP: 22S

RANGE: 26E

SECTION: 14

1/4 SECTION:

DESCRIPTION: Colony site: Two islands in marsh.
Habitat surrounding colony: Marsh grass and water.
Colony area: 1.6 ha
Nesting substrate: Red maples and wax myrtle over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	Ground check April 1977	May 1977	May 1978	June 1978
Double-crested Cormorant	---	12	---	---	25
Anhinga	25	18	15	---	---
Great Blue Heron	13	23	---	20	---
Little Blue Heron	---	6	20	25	+
Cattle Egret	100	43	200	50+	1000
Great Egret	25	20	50	---	25
Snowy Egret	75	2	2	---	+
Louisiana Heron	---	6	---	---	---
Glossy Ibis	---	10	---	---	---
White Ibis	---	2	---	---	---
Green Heron	---	1	---	---	---
TOTALS	238	143	287	95+	1050+

COLONY NUMBER: 612022

COUNTY: Lake

COLONY NAME: Haines Creek

LAT. - LONG: 28°52' - 81°46'

TOWNSHIP: 19S

RANGE: 25E

SECTION: 1

1/4 SECTION:

DESCRIPTION: Colony site: Cypress in creek.
Habitat surrounding colony: Cypress.
Colony area: 1.2 ha
Nesting substrate: Cypress.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	30	4	empty	55-60	empty
TOTALS	30	4	0	55-60	0

COLONY NUMBER: 612023

COUNTY: Lake

COLONY NAME: Mouth of Haines Creek

LAT. - LONG: 28°53' - 81°50'

TOWNSHIP: 18S

RANGE: 25E

SECTION: 29

1/4 SECTION: SE

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Water.
Colony area: 0.1 ha
Nesting substrate: Willows, elderberry and other woody shrubs.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	August 1978
Little Blue Heron	---	+
Cattle Egret	500	200
Great Egret	---	6
TOTALS	500	206+

COLONY NUMBER: 612024

COUNTY: Lake

COLONY NAME: Lake Denham Marsh

LAT. - LONG: 28°46' - 81°54'

TOWNSHIP: 20S RANGE: 24E SECTION: 10 1/4 SECTION: N mid.

DESCRIPTION: Colony site: Willow pond in cypress near lake.
Habitat surrounding colony: Cypress Swamp.
Colony area: 0.4 ha
Nesting substrate: Cypress, willows, and swamp shrubs over water.
Proximity to human disturbance: 1976 - >0.8 km
1978 - <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Anhinga	15-20	empty	+	24	empty
Great Blue Heron	25		50	---	
Great Egret	5		---	---	
TOTALS	45-50	0	50+	24	0

COLONY NUMBER: 612025

COUNTY: Lake

COLONY NAME: Lake Griffin Northeast

LAT. - LONG: 28°55' - 81°50'

TOWNSHIP: 18S

RANGE: 25E

SECTION: 17

1/4 SECTION:

DESCRIPTION: Colony site: Willows at edge of lake.
Habitat surrounding colony: Water.
Colony area: 4.0 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1978
Double-crested Cormorant	---	---	200	empty
Anhinga	---	6	---	
Great Blue Heron	---	---	200	
Little Blue Heron	++	---	---	
Cattle Egret	3000	700	800-1000	
Great Egret	++	---	---	
TOTALS	3000 ++	706	1200-1400	0

*Uncertain if nesting

COLONY NUMBER: 612026

COUNTY: Lake

COLONY NAME: Lake Griffin South

LAT. - LONG: 28°51' - 81°53'

TOWNSHIP: 19S

RANGE: 24E

SECTION: 11

1/4 SECTION: NW

DESCRIPTION: Colony site: Two islands in lake.
Habitat surrounding colony: Willows, elderberry, and water.
Colony area: 1976 - 2.0 ha 1978 - 0.3 ha
Nesting substrate: Willows, wax myrtle, and elderberry over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	August 1978
Anhinga	25	---	---	---	50
Great Blue Heron	25	---	---	4-5	---
Little Blue Heron	---	50	---	---	---
Cattle Egret	700+	3500	300	500-700	350
Great Egret	---	50	200	40	20
Louisiana Heron	---	---	---	+	---
TOTALS	750+	3600	500	544-745+	420

COLONY NUMBER: 612027

COUNTY: Lake

COLONY NAME: Lake Yale

LAT. - LONG: 28°55' - 81°42'

TOWNSHIP: 18S

RANGE: 26E

SECTION: 15

1/4 SECTION:

DESCRIPTION: Colony site: Cypress.

Habitat surrounding colony: Cypress, freshwater marsh, pasture, and orange grove.

Colony area: 2.8 ha

Nesting substrate: Cypress over water.

Proximity to human disturbance: 1976 - >0.8 km

1978 - <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	June 1976	April 1977	July 1977	April 1978	July 1978
Anhinga	+	+	---	---	---	---
Great Egret	12	60	---	---	+	---
Wood Stork	110	60	225	225	225	75-85
TOTALS	122+	120+	225	225	225+	75-85

COLONY NUMBER: 612028

COUNTY: Lake

COLONY NAME: Little Lake Harris

LAT. - LONG: 28°42' - 81°46'

TOWNSHIP: 20S

RANGE: 25E

SECTION: 36

1/4 SECTION:

DESCRIPTION: Colony site: Island in lake.

Habitat surrounding colony: Willows, elderberry, freshwater over marsh, and water.

Colony area: 0.2 ha

Nesting substrate: Willows, swamp hardwoods, and elderberry over water.

Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	May 1977	July 1977	May 1978	June 1978
Anhinga	25	---	5	---	---	---
Little Blue Heron	---	---	---	---	---	10+
Cattle Egret	100	100	50	250	100	300
Snowy Egret	---	25	+	---	25	+
Louisiana Heron	---	25	10	+	---	+
TOTALS	125	150	65+	250+	125	310+

COLONY NUMBER: 612029

COUNTY: Lake

COLONY NAME: Mascotte

LAT. - LONG: 28°34' - 81°54'

TOWNSHIP: 22S

RANGE: 24E

SECTION: 22

1/4 SECTION: N mid

DESCRIPTION: Colony site: Marshy pond.
Habitat surrounding colony: Willows, wax myrtle, and freshwater marsh.
Colony area: 1976 - 0.1 ha 1978 - 0.6 ha
Nesting substrate: Willows and swamp shrubs over water.
Proximity to human disturbance: <0.8 km (near highway)

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Little Blue Heron	++	+	+	+
Cattle Egret	400-500	1000-1500	1000-1200	2000
Great Egret	---	10-20	---	---
Louisiana Heron	++	---	---	+
White Ibis	---	500	---	---
TOTALS	400-500+	1510-2020+	1000-1200+	2000+

COLONY NUMBER: 612030

COUNTY: Lake

COLONY NAME: Minneola

LAT. - LONG: 28°37' - 81°46'

TOWNSHIP: 21S

RANGE: 25E

SECTION: 35/36

1/4 SECTION: NE/NW

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Freshwater marsh and water.
Colony area: 1976 - 0.6 ha 1978 - <0.1 ha
Nesting substrate: Willows and wax myrtle over water.
Proximity to human disturbance: 1976 - >0.8 km
1978 - <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1977	April 1978	July 1978
Anhinga	5	empty	5	---
Great Blue Heron	---		---	+
Little Blue Heron	25		---	---
Cattle Egret	50		---	50
Great Egret	10		5	+
Snowy Egret	15		---	---
Louisiana Heron	15		---	---
Black-crowned Night Heron	5		---	---
TOTALS	125	0	10	50+

COLONY NUMBER: 612031

COUNTY: Lake

COLONY NAME: Smith Lake

LAT. - LONG: 28°54' - 81°41'

TOWNSHIP: 18S

RANGE: 26E

SECTION: 26

1/4 SECTION: N

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Water.
Colony area: 1976 - 1.2 ha 1978 - 0.7 ha
Nesting substrate: Willows and elderberry over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	June 1976	April 1977	April 1978	August 1978
Little Blue Heron	---	50	200	---	---
Cattle Egret	500	300	600	750-1000	450
Great Egret	200	50	200	25-50	---
Snowy Egret	---	---	---	+	---
Louisiana Heron	---	50	---	+	---
Black-crowned Night Heron	---	+	---	---	---
White Ibis	---	200	150	200+	---
TOTALS	700	650+	1150	975-1250+	450

COLONY NUMBER: 612032

COUNTY: Lake

COLONY NAME: Wekiva River

LAT. - LONG: 28°52' - 81°23'

TOWNSHIP: 19S

RANGE: 20E

SECTION: 1/2

1/4 SECTION:

DESCRIPTION: Colony site: Cypress near river.
Habitat surrounding colony: Cypress swamp.
Colony area: 2.0 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1978
Great Blue Heron	15	empty	20	empty
TOTALS	15	0	20	0

COLONY NUMBER: 612033

COUNTY: Lake

COLONY NAME: YMCA Road

LAT. - LONG: 28°26' - 81°40'

TOWNSHIP: 23S

RANGE: 26E

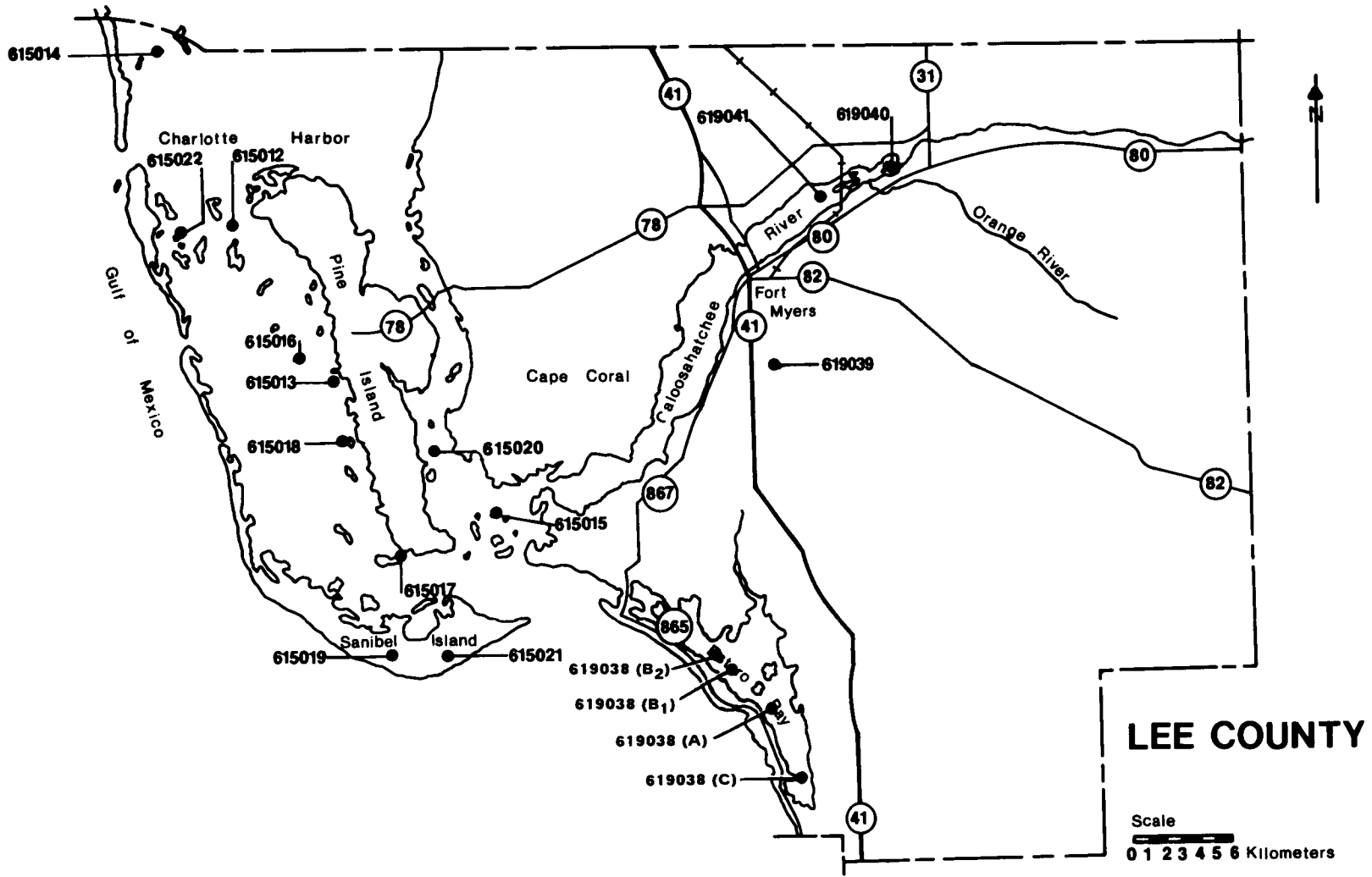
SECTION: 36

1/4 SECTION: SW

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Freshwater marsh and water.
Colony area: 1.6 ha
Nesting substrate: Willows, swamp hardwoods, and elderberry
over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	May 1977	May 1978	June 1978
Little Blue Heron	---	25	25	25	---
Cattle Egret	100	125	100	600+	300
Great Egret	---	---	25	---	---
Snowy Egret	---	125	25	---	---
Louisiana Heron	---	50	---	---	---
TOTALS	100	325	175	625+	300



COLONY NUMBER: 615012

COUNTY: Lee

COLONY NAME: Broken Island

LAT. - LONG: 26°41' - 82°12'

TOWNSHIP: 44S RANGE: 21E SECTION: Broken Island 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: 1976 & 1977 - >0.8 km
1978 - <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Double-crested Comorant	+	---	+	---	---
Great Blue Heron	40-50	+	25	20	+
Little Blue Heron	---	+	---	---	---
Cattle Egret	---	---	---	---	+
Great Egret	10-20	---	25±	20-25	---
Snowy Egret	50+	---	300±	---	50-100+
Louisiana Heron	---	+	---	+	+
White Ibis	---	2000-3000	+	250	500-750
TOTALS	100-120+	2000-3000+	350+	290-295+	550-850+

COLONY NUMBER: 615013

COUNTY: Lee

COLONY NAME: Cork Key

LAT. - LONG: 26°35' - 82°08'

TOWNSHIP: 45S

RANGE: 22E

SECTION: Cork Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978	July 1978
Brown Pelican	+	---	+
Double-crested Cormorant	+	---	---
Great Blue Heron	20±	12	---
TOTALS	20+	12	+

COLONY NUMBER: 615014

COUNTY: Lee

COLONY NAME: East of Boca Grande

LAT. - LONG: 26°46' - 82°-14'

TOWNSHIP: 43S RANGE: 21E SECTION: Devilfish Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: No data.

Note: This colony moved to Charlotte County in 1977.

SPECIES COMPOSITION (number of nesting pairs):

	June 1976
Great Blue Heron	+
Great Egret	50+
Snowy Egret	50-100
TOTALS	100-150+

COLONY NUMBER: 615015

COUNTY: Lee

COLONY NAME: Fort Myers

LAT. - LONG: 26°31' - 82°02'

TOWNSHIP: 45S

RANGE: 23E

SECTION: Bird Island

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: 0.4 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Brown Pelican	---	++	+	---
Double-crested Cormorant	---	---	+	---
Cattle Egret	---	---	---	+
Great Egret	50	15-25	25	25-30
Snowy Egret	---	---	+	---
Louisiana Heron	++	---	+	---
TOTALS	50+	15-25+	25+	25-30+

COLONY NUMBER: 615016

COUNTY: Lee

COLONY NAME: Hemp Key

LAT. - LONG: 26°36' - 82°09'

TOWNSHIP: 44S RANGE: 22E SECTION: Hemp Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: 0.4 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	300±	---	---	---	+++
Great Blue Heron	---	1+	---	4-5	+
Great Egret	20	40-50	100+	30	2
Snowy Egret	---	---	---	+	---
Louisiana Heron	---	+	+	+	+
TOTALS	320±	41-51+	100+	34+	2+

COLONY NUMBER: 615017

COUNTY: Lee

COLONY NAME: Lower Pine Island Sound

LAT. - LONG: 26°29' - 82°06'

TOWNSHIP: 46S

RANGE: 22E

SECTION: 3

1/4 SECTION: SW

DESCRIPTION: Colony site: Coastal spoil island.
Habitat surrounding colony: Water.
Colony area: 0.2 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	30-40	+	---	60-70	---
Magnificent Frigate Bird	**	**	---	empty	---
Great Blue Heron	3-5	---	1-5	nests	---
Great Egret	25	15-20	25-35++		10-15
TOTALS	58-70 **	15-20+ **	26-40+	0	10-15

*non-nesting individuals

COLONY NUMBER: 615018

COUNTY: Lee

COLONY NAME: Off Mason Island

LAT. - LONG: 26°33' - 82°08'

TOWNSHIP: 45S

RANGE: 22E

SECTION: 17

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: < 0.1 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978
Brown Pelican	+
Double-crested Cormorant	+
Great Blue Heron	5
TOTALS	5+

COLONY NUMBER: 615019

COUNTY: Lee

COLONY NAME: The Rocks Lake

LAT. - LONG: 26°26' - 82°06'

TOWNSHIP: 43S

RANGE: 22E

SECTION: 27

1/4 SECTION:

DESCRIPTION: Colony site: Inland island.
Habitat surrounding colony: No data.
Colony area: 1.5 ha
Nesting substrate: No data.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1978
Anhinga	50
Green Heron	1
Little Blue Heron	15
Great Egret	22
Snowy Egret	15
Louisiana Heron	21
Yellow-crowned Night Heron	3
White Ibis	2
TOTALS	129

COLONY NUMBER: 615020

COUNTY: Lee

COLONY NAME: Sanibel Road

LAT. - LONG: 26°33' - 82°04'

TOWNSHIP: 45S

RANGE: 22E

SECTION:

1/4 SECTION:

DESCRIPTION: Colony site: Brackish marsh.
Habitat surrounding colony: No data.
Colony area: 1.0 ha
Nesting substrate: No data.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check June 1978
Anhinga	8
Green Heron	2
Little Blue Heron	32
Great Egret	3
Snowy Egret	1
Louisiana Heron	1
TOTALS	47

COLONY NUMBER: 615021

COUNTY: Lee

COLONY NAME: Trailer Park Colony

LAT. - LONG: 26°26' - 82°03'

TOWNSHIP: 46S

RANGE: 23E

SECTION: 30

1/4 SECTION:

DESCRIPTION: Colony site: Inland island.
Habitat surrounding colony: No data.
Colony area: 1.0 ha
Nesting substrate: Medium height shrubs.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check 1976
Anhinga	53
Green Heron	5
Little Blue Heron	33
Snowy Egret	35
Louisiana Heron	9
TOTALS	135

COLONY NUMBER: 615022

COUNTY: Lee

COLONY NAME: Useppa Bird Island

LAT. - LONG: 26°40' - 82°14'

TOWNSHIP: 44S RANGE: 21E SECTION: Useppa Bird Island 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves and coastal hardwoods over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	500++	500-1000	1000++	+++	800-900
Double-crested Cormorant	100+	---	---	---	---
Great Blue Heron	10-15	---	10-15	15-20	++
Little Blue Heron	1*	---	---	---	++
Great Egret	5-10	10+	5±	10	---
Snowy Egret	---	+	---	---	++
Louisiana Heron	---	---	+	+	---
White Ibis	---	---	---	+	---
TOTALS	615-625+ 1*	510-1010+	1015-1020+	25-30+	800-900 ++

*birds seen in flight lines from colony; no nests seen.

COLONY NUMBER: 619038

COUNTY: Lee

COLONY NAME: Estero Bay (Subcolony A)

LAT. - LONG.: 26°24' - 81°52'

TOWNSHIP: 47S

RANGE: 24E

SECTION: 1/2

1/4 SECTION: SW/SE

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: ≤ 0.1 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978	July 1978
Brown Pelican	+	+++	empty
Double-crested Cormorant	+	+	
Great Egret	15-20	3	
TOTALS	15-20+	3+	0

COLONY NUMBER: 619038

COUNTY: Lee

COLONY NAME: Estero Bay
(Subcolonies AB₁B₂)

LAT. - LONG.: 26°26' - 26°24'
81°54' - 81°52'

TOWNSHIP: 46/47S RANGE: 24E SECTION: 28/34/1/2 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal islands.
Habitat surrounding colony: Water.
Colony area: 0.2 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: <0.8 km

Note: Subcolonies not censused separately in 1976.
See individual subcolony sheets for 1977 and 1978.

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976
Brown Pelican	+++	+++
Double-crested Cormorant	+++	---
Great Egret	70	40+
TOTALS	70+	40+

COLONY NUMBER: 619038

COUNTY: Lee

COLONY NAME: Estero Bay (Subcolony B₁)

LAT. - LONG.: 26°26' - 81°54'

TOWNSHIP: 46S

RANGE: 24E

SECTION: 34

1/4 SECTION: SE

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: ≤ 0.1 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978	July 1978
Brown Pelican	---	+++	---
Double-crested Cormorant	---	+	---
Great Blue Heron	---	1	---
Great Egret	30+	20	10
Snowy Egret	+	---	25
Louisiana Heron	+	---	+
TOTALS	30+	21+	35+

COLONY NUMBER: 619038

COUNTY: Lee

COLONY NAME: Estero Bay (Subcolony B₂)

LAT. - LONG.: 26°26' - 81°54'

TOWNSHIP: 46S

RANGE: 24E

SECTION: 28

1/4 SECTION: SE

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: ≤ 0.1 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978	July 1978
Brown Pelican	+++	+++	---
Double-crested Cormorant	---	+	---
Great Egret	---	5-10	---
Snowy Egret	---	---	5++
Louisiana Heron	---	++	+
TOTALS	+	5-10+ ++	5+

*seen in flight lines.

COLONY NUMBER: 619038

COUNTY: Lee

COLONY NAME: Estero Bay (Subcolony C)

LAT. - LONG.: 26°21' - 81°51'

TOWNSHIP: 47S

RANGE: 25E

SECTION: 19

1/4 SECTION: S mid

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: ≤ 0.1 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

Note: This colony first seen April 1978.

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Brown Pelican	75	---
Double-crested Cormorant	+	---
Little Blue Heron	+*	---
Great Egret	15	5-10
Snowy Egret	---	+
Louisiana Heron	+*	---
TOTALS	90+ +*	5-10+

*seen in flight lines.

COLONY NUMBER: 619039

COUNTY: Lee

COLONY NAME: Fort Myers Airport

LAT. - LONG.: 26°36' - 81°51'

TOWNSHIP: 45S

RANGE: 25E

SECTION: 6

1/4 SECTION:

DESCRIPTION: Colony site: Marshy pond.
Habitat surrounding colony: Pine woods.
Colony area: 0.2 ha
Nesting substrate: Willows and custard apples over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1978	July 1978
Little Blue Heron	+	empty	empty
Cattle Egret	150±		
TOTALS	150+	0	0

COLONY NUMBER: 619040

COUNTY: Lee

COLONY NAME: Fort Myers Power Plant

LAT. - LONG.: 26°42' - 81°47'

TOWNSHIP: 43S

RANGE: 25E

SECTION: 26

1/4 SECTION: SE

DESCRIPTION: Colony site: Two islands in river.
Habitat surrounding colony: Water.
Colony area: 0.2 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

Note: Subcolonies not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	---	10-25	4	---
Little Blue Heron	++	---	+	---
Cattle Egret	500±	100-200±	300-350	500-700
Great Egret	**	25++	---	---
Snowy Egret	++	++	---	---
Louisiana Heron	++	++	+	50+
TOTALS	500± ++	135-250+	304-354+	550-750+

*birds seen in flight lines
**uncertain if nesting

COLONY NUMBER: 619041

COUNTY: Lee

COLONY NAME: Midway Island

LAT. - LONG.: 26°41' - 81°50'

TOWNSHIP: 43S

RANGE: 25E

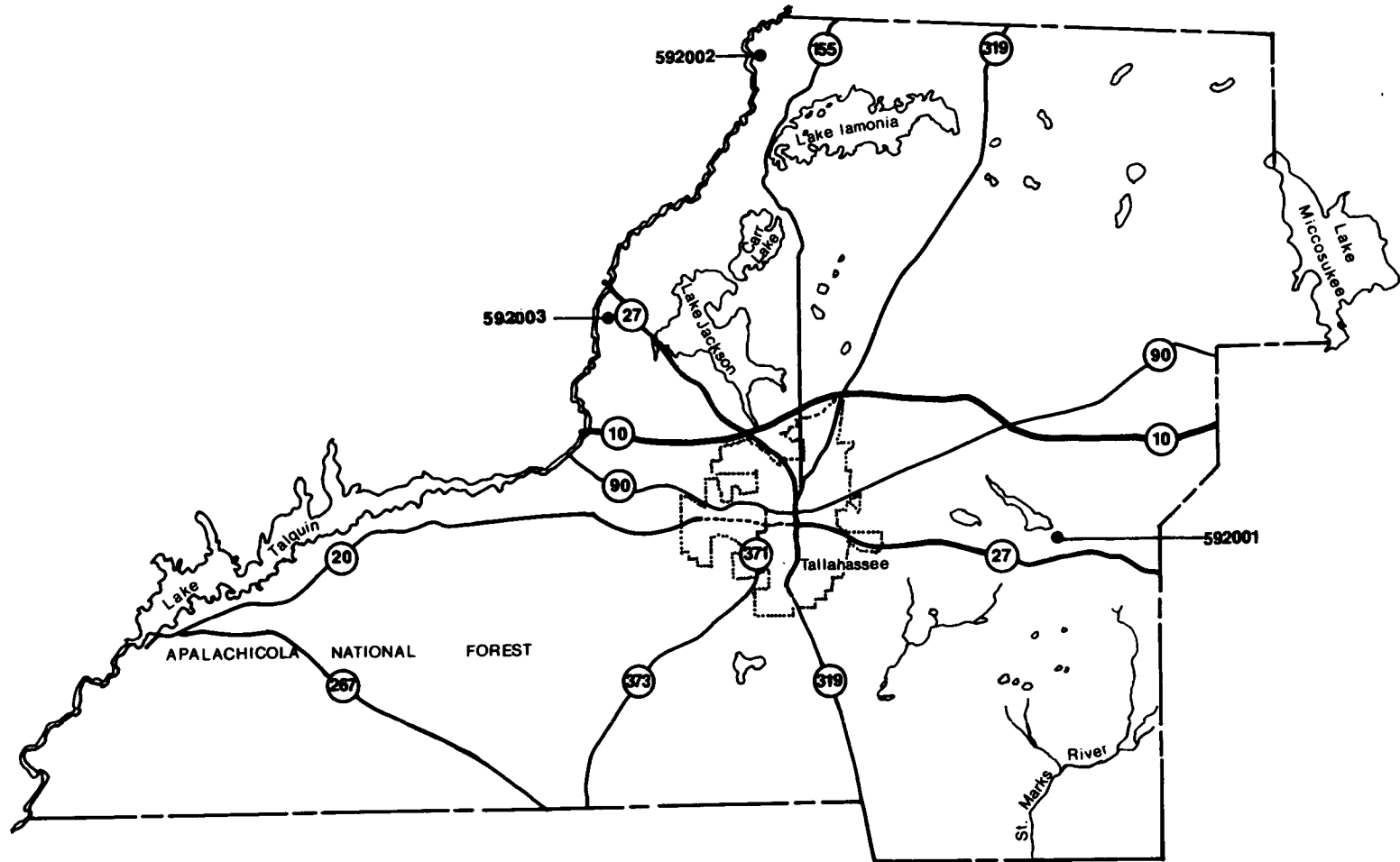
SECTION: 32/33

1/4 SECTION:

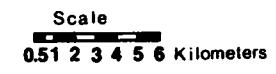
DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: 0.2 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	25+	---	---	---	---
Great Blue Heron	25	1+	25+	---	+
Little Blue Heron	---	---	---	---	+
Cattle Egret	---	300-500+	---	50+	500+
Great Egret	350	100-150	200±	125	100
Snowy Egret	50±	50-100±	++	50	++
Louisiana Heron	---	---	++	+	+
TOTALS	450+	451-751+	225+	225+	600+



LEON COUNTY



COLONY NUMBER: 592001

COUNTY: Leon

COLONY NAME: Chaires

LAT. - LONG.: 30°26' - 84°08'

TOWNSHIP: 1S

RANGE: 2E

SECTION: 4

1/4 SECTION: Mid

DESCRIPTION: Colony site: Cypress in a water impoundment.
Habitat surrounding colony: Cypress swamp in water impoundment.
Colony area: 6.1 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	April 1978	August 1978
Great Blue Heron	---	5-10	---
Great Egret	---	25-50	50
Cattle Egret	500±	100±	350
Wood Stork	350-400	100	6-10
TOTALS	850-900±	230-260±	406-410

COLONY NUMBER: 592002

COUNTY: Leon

COLONY NAME: West of Iamonia

LAT. - LONG.: 30°40' - 84°18'

TOWNSHIP: 3N

RANGE: 1W

SECTION: 14

1/4 SECTION: Mid

DESCRIPTION: Colony site: Buttonbush pond and cypress.
Habitat surrounding colony: Pine flatwoods.
Colony area: 4.8 ha
Nesting substrate: Cypress and buttonbush over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	July 1977	April 1978	August 1978
Great Blue Heron	30	100	---	50	---
Little Blue Heron	200	300	---	---	---
Cattle Egret	400	500	+	35*	450
Great Egret	50	200	---	100	---
White Ibis	100	---	---	---	---
TOTALS	780	1100	+	150 35*	450

*non-nesting individuals

COLONY NUMBER: 592003

COUNTY: Leon

COLONY NAME: West of Lake Jackson

LAT. - LONG.: 30°32' - 84°23'

TOWNSHIP: 2N

RANGE: 2W

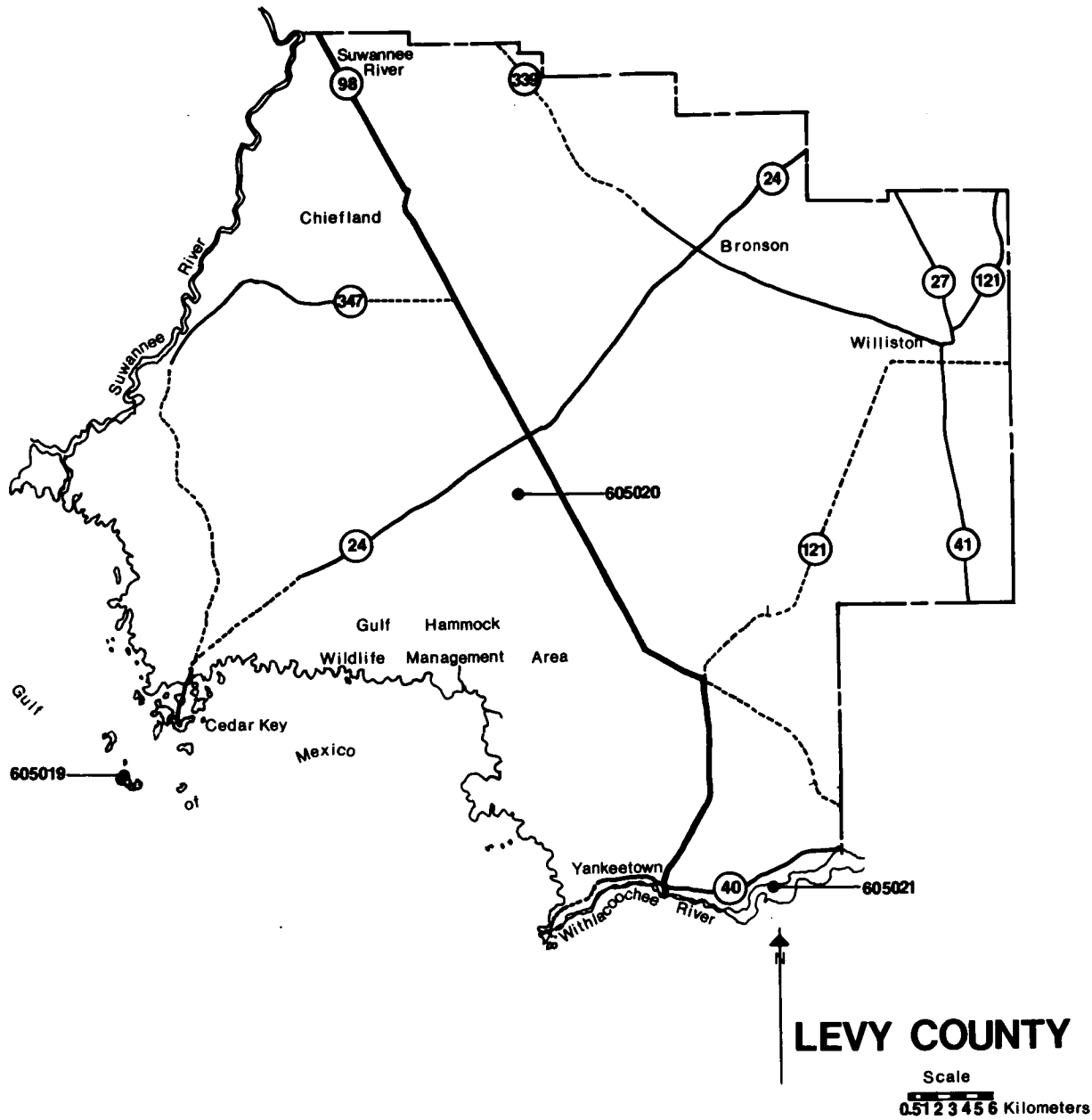
SECTION: 25

1/4 SECTION: E

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Water.
Colony area: 1.0 ha
Nesting substrate: Willows and buttonbush over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	1976	July 1977	April 1978	August 1978
Little Blue Heron	Reported	1000-1500 ⁺	empty	---
Cattle Egret	active but not censused			250
TOTALS		1000-1500+	0	250



LEVY COUNTY

Scale
0.5 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 605019

COUNTY: Levy

COLONY NAME: Cedar Keys

LAT. - LONG.: 29°06' - 83°04'

TOWNSHIP: 16S RANGE: 12E SECTION: Seahorse Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mixed hardwoods over high ground.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	August 1978
Brown Pelican	400	350	550	650	100
Double-crested Cormorant	300	200	---	---	20
Great Blue Heron	---	---	200	---	---
Little Blue Heron	---	100	---	---	---
Cattle Egret	200	50+	200	---	---
Great Egret	200	150+	400	---	25
Louisiana Heron	100	100	100+	---	---
White Ibis	3000	100	6000	8000-10,000	---
TOTALS	4200	1050+	7450+	8650-10,650	145

COLONY NUMBER: 605020

COUNTY: Levy

COLONY NAME: Gulf Hammock

LAT.- LONG.: 29°17' - 82°47'

TOWNSHIP: 14S

RANGE: 15E

SECTION: 2/11

1/4 SECTION:

DESCRIPTION: Colony site: Willows and buttonbush.
Habitat surrounding colony: Open marsh surrounded by hardwoods.
Colony area: 0.1 ha
Nesting substrate: Willows and buttonbush over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978
Anhinga	---	---	15	---
Great Blue Heron	10	---	---	---
Cattle Egret	30	20*	---	---
Great Egret	25	10*	125	20
TOTALS	65	30*	140	20

*non-nesting individuals

COLONY NUMBER: 605021

COUNTY: Levy

COLONY NAME: Lake Rousseau

LAT. - LONG.: 29°02' - 82°35'

TOWNSHIP: 17S

RANGE: 17E

SECTION: 3

1/4 SECTION: W

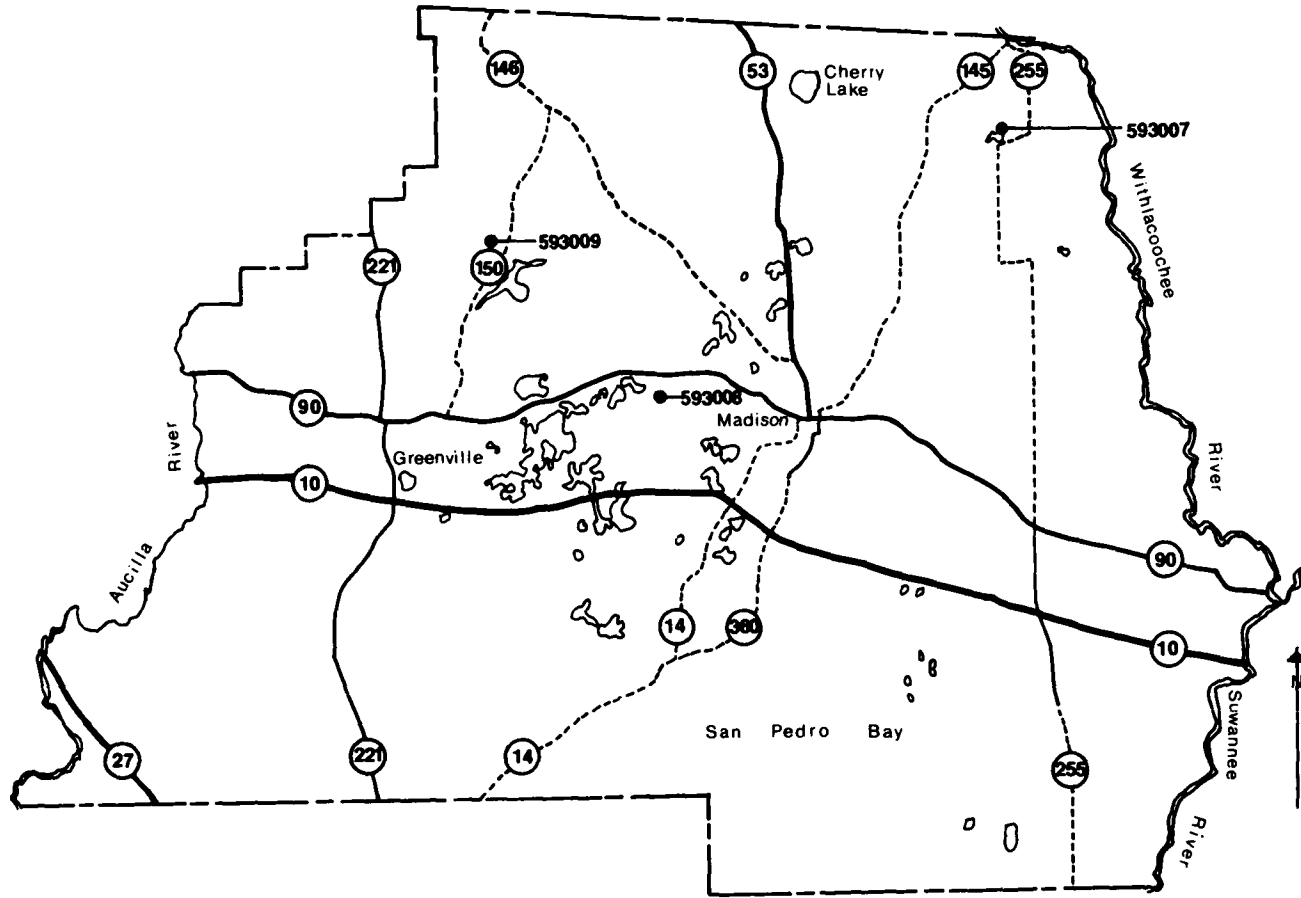
DESCRIPTION: Colony site: Two spoil islands in lake.
Habitat surrounding colony: Water.
Colony area: 0.6 ha
Nesting substrate: Elderberry over water.
Proximity to human disturbance: <0.8 km

Note: The two islands were not censused separately.

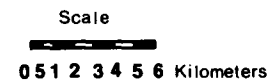
SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978
Little Blue Heron	---	6
Cattle Egret	125	4*
Great Egret	50	20
TOTALS	175	26 4*

*non-nesting individuals



MADISON COUNTY



COLONY NUMBER: 593007

COUNTY: Madison

COLONY NAME: Pinetta

LAT. - LONG.: 30°36' - 83°19'

TOWNSHIP: 2N

RANGE: 10E

SECTION: 9/10

1/4 SECTION:

DESCRIPTION: Colony site: Herbaceous vegetation in pond.
Habitat surrounding colony: Cypress and pond.
Colony area: 4.0 ha
Nesting substrate: Herbaceous vegetation.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	August 1978
Cattle Egret	600	600	empty	empty
Great Egret	---	200		
TOTALS	600	800	0	0

COLONY NUMBER: 593008

COUNTY: Madison

COLONY NAME: Madison West

LAT. - LONG.: 30°29' - 83°29'

TOWNSHIP: 1N

RANGE: 8E

SECTION: 14/23

1/4 SECTION: E mid

DESCRIPTION: Colony site: Island in pond.
Habitat surrounding colony: Willows and cypress.
Colony area: 1.2 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1978
Anhinga	+
Little Blue Heron	+
Cattle Egret	300
Great Egret	25
White Ibis	300
TOTALS	625+

COLONY NUMBER: 593009

COUNTY: Madison

COLONY NAME: St. John's Church

LAT. - LONG.: 30°33' - 83°35'

TOWNSHIP: 2N

RANGE: 7E

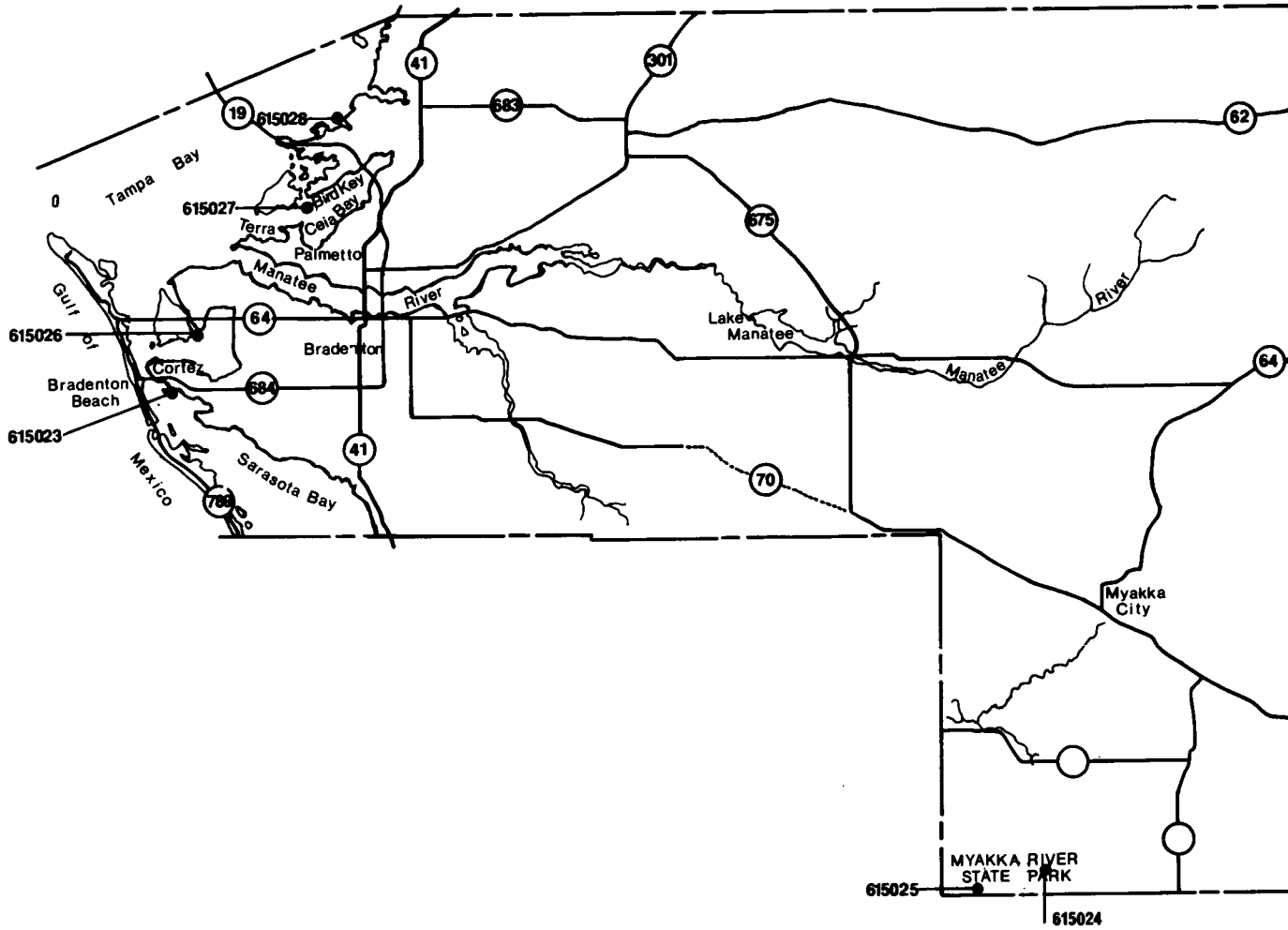
SECTION: 25

1/4 SECTION: Mid

DESCRIPTION: Colony site: Cypress in pond.
Habitat surrounding colony: Open pasture.
Colony area: 0.8 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	August 1978
Great Blue Heron	15	---	empty	empty	empty
Little Blue Heron	---	800			
Cattle Egret	---	100+			
White Ibis	---	100+			
TOTALS	15	1000+	0	0	0



MANATEE COUNTY

Scale
0.5 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 615023

COUNTY: Manatee

COLONY NAME: Cortez

LAT. - LONG: 27°28' - 82°41'

TOWNSHIP: 35S RANGE: 16E SECTION: 3 1/4 SECTION: SE

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: 1.0 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican ✓	420	---	325	---	---
Double-crested Cormorant ✓	+	---	+	---	---
Great Blue Heron	40-50	5-10	+	35	25+
Cattle Egret	---	---	---	---	+
Great Egret	50	50+	100-200	75	50
Snowy Egret	---	---	++	+	100
Louisiana Heron	---	---	---	---	+
White Ibis	150	200-300	500±	---	---
TOTALS	660-670+	255-360+	925-1025+	110+	175+

COLONY NUMBER: 615024

COUNTY: Manatee

COLONY NAME: Deer Prairie Slough

LAT. - LONG: 27°13' - 82°12'

TOWNSHIP: 37S

RANGE: 21E

SECTION: 34

1/4 SECTION: NW

DESCRIPTION: Colony site: Willows.
Habitat surrounding colony: Willows.
Colony area: 0.2 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	March 1976	April 1977	July 1977	April 1978	July 1978
Great Blue Heron	---	1-5	empty	---	empty
Cattle Egret	---	+++		400-500	
Great Egret	30-40	50±		50+	
Louisiana Heron	---	---		+	
TOTALS	30-40	51-55+	0	450-550+	0

COLONY NUMBER: 615025

COUNTY: Manatee

COLONY NAME: West of Deer Prairie Slough LAT. - LONG: 27°13' - 82°14'

TOWNSHIP: 37S RANGE: 21E SECTION: 32 1/4 SECTION: SW

DESCRIPTION: Colony site: Swamp shrubs and trees in a marshy pond.
Habitat surrounding colony: Marshy pond.
Colony area: 0.2 ha
Nesting substrate: Sweet bay, red bay, and wax myrtle at
seasonally flooded site.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Great Blue Heron	5	---
Little Blue Heron	---	+
Great Egret	25	500+
TOTALS	30	500+

COLONY NUMBER: 615026

COUNTY: Manatee

COLONY NAME: Perico Island

LAT. - LONG: 27°29' - 82°40'

TOWNSHIP: 34S

RANGE: 16E

SECTION: 35

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Mangroves and water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	12	empty	5	empty	empty
TOTALS	12	0	5	0	0

COLONY NUMBER: 615027

COUNTY: Manatee

COLONY NAME: Terra Ceia Bay (Bird Island)

LAT. - LONG: 27°33' - 82°36'

TOWNSHIP: 34S

RANGE: 17E

SECTION: 4

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: 2.0 ha
Nesting substrate. Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	+	---	---	---	---
Double-crested Cormorant	+	---	---	---	---
Great Blue Heron	50+	+	50	50+	+
Little Blue Heron	---	---	---	100+	---
Cattle Egret	500±	++	---	2000	2500-3000
Great Egret	100±	+	50-75	100	+
Snowy Egret	100+	---	+	---	+
Louisiana Heron	50±	+	+	++	+
Heron/Egret/Ibis spp.	---	4000-5000	---	---	---
Glossy Ibis	+	---	---	---	---
White Ibis	---	+	400-500±	2000	1000-1500
TOTALS	800+	4000-5000*	500-625+	4250+	3500-4500+

*Total number of pairs includes species with plus signs

COLONY NUMBER: 615028

COUNTY: Manatee

COLONY NAME: Two Brothers Island

LAT. - LONG: 27°36' - 82°35'

TOWNSHIP: 33S

RANGE: 17E

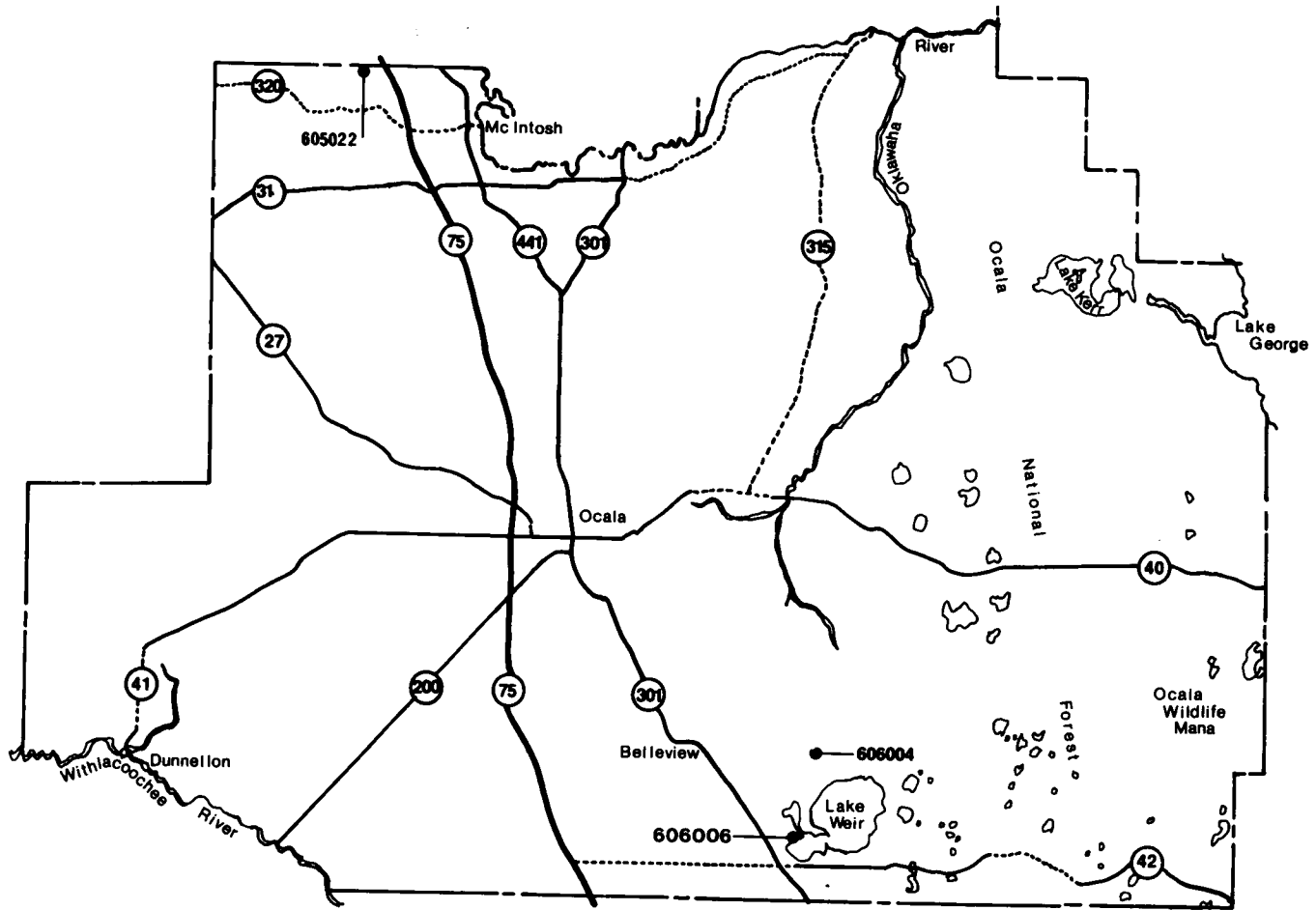
SECTION: 22

1/4 SECTION: NE

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: 0.4 ha
Nesting substrate: Mangroves at seasonally flooded site.
Proximity to human disturbance: 1976 - >0.8 km
1978 - <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	July 1976	April 1977	April 1978	July 1978
Great Blue Heron	9	empty	2	1	empty
TOTALS	9	0	2	1	0



MARION COUNTY
Scale
0 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 605022

COUNTY: Marion

COLONY NAME: Micanopy

LAT. - LONG.: 29°29' - 82°18'

TOWNSHIP: 12S

RANGE: 20E

SECTION: 3

1/4 SECTION: NW

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Pines, cypress, and gum.
Colony area: 0.8 ha
Nesting substrate: Buttonbush over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1978
Cattle Egret	400
TOTALS	400

COLONY NUMBER: 606004

COUNTY: Marion

COLONY NAME: Bower's Lake

LAT. - LONG.: 29°03' - 81°58'

TOWNSHIP: 16S

RANGE: 23E

SECTION: 36

1/4 SECTION:

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Water and freshwater marsh.
Colony area: 0.4 ha
Nesting substrate: Willows and elderberry over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	August 1978
Anhinga	---	6	---	---
Great Blue Heron	---	12	---	---
Cattle Egret	50	---	+	100
Great Egret	---	---	50±	---
TOTALS	50	18	50+	100

COLONY NUMBER: 606006

COUNTY: Marion

COLONY NAME: Lake Weir

LAT. - LONG.: 29°00' - 81°58'

TOWNSHIP: 17S

RANGE: 23E

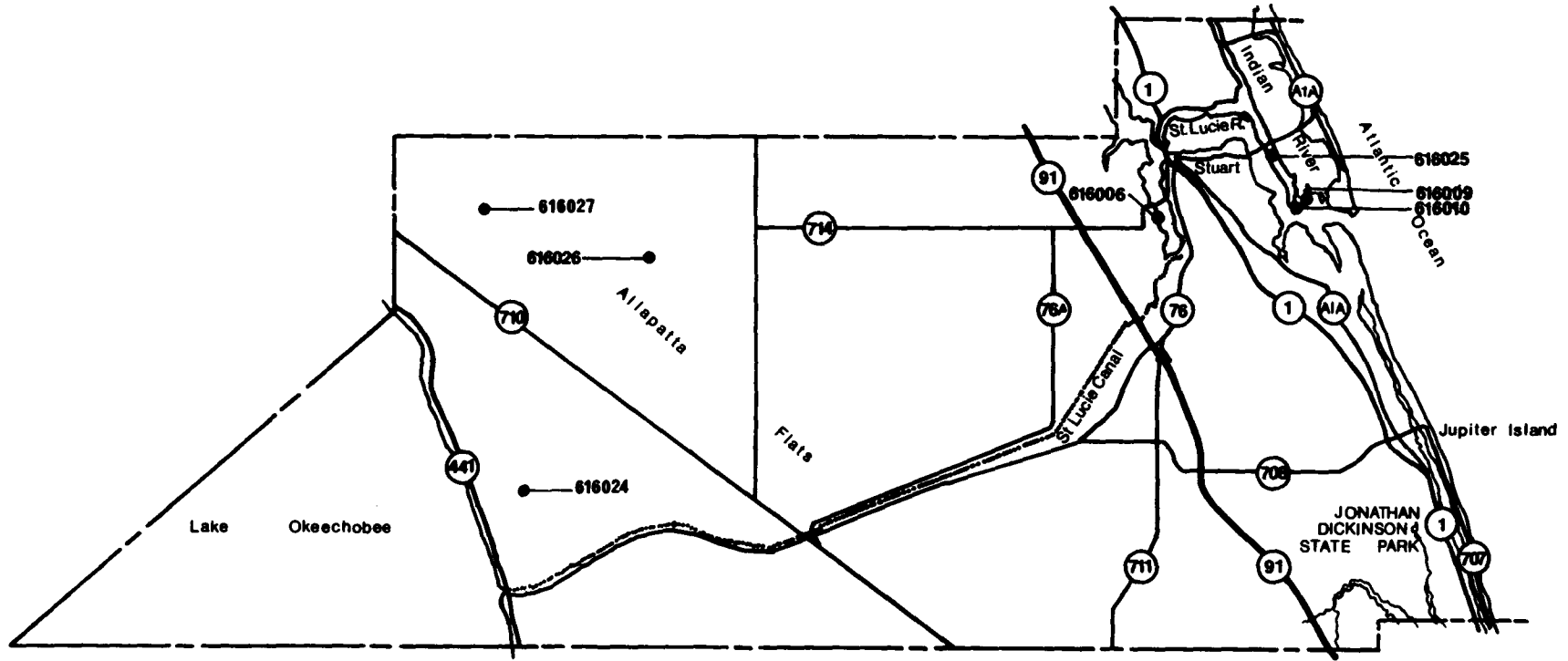
SECTION: 23

1/4 SECTION: N mid

DESCRIPTION: Colony site: Willow and elderberry at edge of lake.
Habitat surrounding colony: Hardwoods, freshwater marsh, and water.
Colony area: 0.8 ha
Nesting substrate: Willows and elderberry over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	August 1978
Anhinga	---	---	50	---	empty
Cattle Egret	10	70	600	+	
Great Egret	---	---	20+	50±	
TOTALS	10	70	670+	50+	0



MARTIN COUNTY
Scale
0.5 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 616006

COUNTY: Martin

COLONY NAME: Palm City

LAT. - LONG: 27°10' - 80°16'

TOWNSHIP: 38S

RANGE: 41E

SECTION: 17

1/4 SECTION:

DESCRIPTION: Colony site: Coastal spoil island.
Habitat surrounding colony: Water.
Colony area: 2.0 ha
Nesting substrate: Mangroves over low ground that may be
seasonally flooded.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check July 1976	April 1977	June 1977	May 1978	June 1978
Little Blue Heron	5	50	---	25	empty	empty
Cattle Egret	700	2100	---	1000		
Great Egret	20	63	50	50		
Snowy Egret	---	100	---	---		
Egret spp. (Cattle & Snowy)	---	---	500+	---		
Louisiana Heron	---	100	100+	500		
White Ibis	---	900	---	500		
TOTALS	725	3313	650+	2075	0	0

COLONY NUMBER: 616009

COUNTY: Martin

COLONY NAME: Sewall Point East

LAT. - LONG: 27°11' - 80°11'

TOWNSHIP: 38S

RANGE: 42E

SECTION: 7

1/4 SECTION:

DESCRIPTION: Colony site: Coastal spoil island.
Habitat surrounding colony: Mangroves around Casuarina, and water.
Colony area: 1976 - 1.2 ha 1977 - 0.8 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check June 1976	April 1977	June 1977	April 1978	June 1978
Brown Pelican	---	100	---	100	---	200
Double-crested Cormorant	---	50	---	---	---	---
Great Blue Heron	---	8*	---	---	5	---
Cattle Egret	20	---	---	---	---	500
Great Egret	---	20	75	75	100	150
Egret spp. (Cattle & Snowy)	---	---	150+	---	---	---
Black-crowned Night Heron	---	2*	---	---	---	---
TOTALS	20	170 10*	225+	175	105	850

*non-nesting individuals

COLONY NUMBER: 616010

COUNTY: Martin

COLONY NAME: Sewall Point South

LAT. - LONG: 27°10' - 80°11'

TOWNSHIP: 38S

RANGE: 42E

SECTION: 18

1/4 SECTION:

DESCRIPTION: Colony site: Coastal spoil island.
Habitat surrounding colony: Casuarina and water.
Colony area: 1976 - 2.0 ha 1977 - 1.5 ha
Nesting substrate: Casuarina over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check June 1976	April 1977	June 1977	April 1978	June 1978
Great Blue Heron	22	27	25	empty nests	15	20+
TOTALS	22	27	25	0	15	20+

COLONY NUMBER: 616024

COUNTY: Martin

COLONY NAME: Barley Barber Reservoir

LAT. - LONG: 27°02' - 80°36'

TOWNSHIP: 39S

RANGE: 37E

SECTION: 35

1/4 SECTION:

DESCRIPTION: Colony site: Willows along edge of ditch.
Habitat surrounding colony: Freshwater marsh.
Colony area: 0.6 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1978	June 1978
Cattle Egret	---	500
Great Egret	250	---
TOTALS	250	500

COLONY NUMBER: 616025

COUNTY: Martin

COLONY NAME: F.I.T. Campus

LAT. - LONG: 27°12' - 80°12'

TOWNSHIP: 38S

RANGE: 41E

SECTION: 1

1/4 SECTION:

DESCRIPTION: Colony site: Scattered clumps of mangrove along the edge of the Indian River.

Habitat surrounding colony: Saltmarsh (Batis and Spartina) and water.

Colony area: 1.0 ha

Nesting substrate: Mangroves over water.

Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1978
Little Blue Heron	25
Cattle Egret	1000
Great Egret	50
Louisiana Heron	+
White Ibis	+
TOTALS	1075+

COLONY NUMBER: 616026

COUNTY: Martin

COLONY NAME: Fox Brown

LAT. - LONG: 27°08' - 80°32'

TOWNSHIP: 38S RANGE: 38E SECTION: 28/27/34 1/4 SECTION: NE/SW/NW

DESCRIPTION: Colony site: Willows in a freshwater marsh.
Habitat surrounding colony: Willows, cypress, and pasture.
Colony area: 8.0 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	June 1977	April 1978	June 1978
Little Blue Heron	100+	150	empty	+
Cattle Egret	1000	5000		10,000+
Great Egret	150	100+		---
Snowy Egret	1000	---		+
Louisiana Heron	100+	500		50-100
TOTALS	2350+	5750+	0	10,050-10,100+

COLONY NUMBER: 616027

COUNTY: Martin

COLONY NAME: Lettuce Creek Bayhead

LAT. - LONG: 27°11' - 80°38'

TOWNSHIP: 38S

RANGE: 37E

SECTION: 15/16

1/4 SECTION: NW/NE

DESCRIPTION:

Colony site: Bayhead.

Habitat surrounding colony: Bayhead.

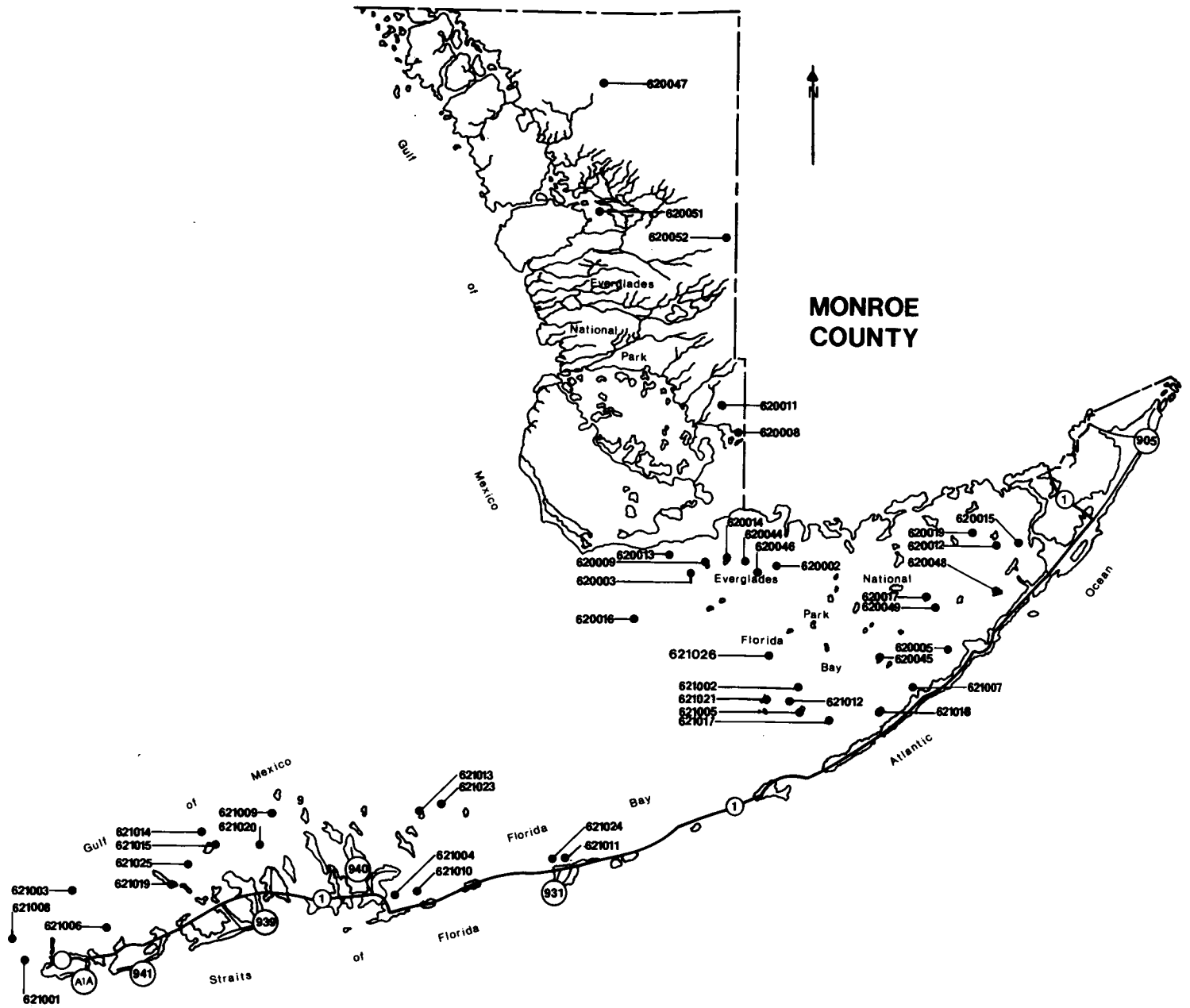
Colony area: 0.6 ha

Nesting substrate: Bays at seasonally flooded site.

Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	June 1977	May 1978	June 1978
Great Egret	200	100	empty	empty	empty
TOTALS	200	100	0	0	0



COLONY NUMBER: 620002

COUNTY: Monroe

COLONY NAME: Camp Key

LAT. - LONG.: 25°07' - 80°49'

TOWNSHIP: 61S

RANGE: 35E

SECTION: Camp Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	July 1977	April 1978
Great White Heron	12	5	---	empty
Great Blue Heron	2	---	1	
TOTALS	14	5	1	0

COLONY NUMBER: 620003

COUNTY: Monroe

COLONY NAME: Catfish Key

LAT. - LONG.: 25°06' - 80°55'

TOWNSHIP: 61S

RANGE: 34E

SECTION: Catfish Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	May 1976	April 1977	July 1977	April 1978
Great White Heron	---	14	12	12	2
Great Blue Heron	---	2	2	2	---
Great Egret	8-10	---	---	2	---
TOTALS	8-10	16	14	16	2

COLONY NUMBER: 620005

COUNTY: Monroe

COLONY NAME: Cowpens

LAT. - LONG.: 25°00' - 80°34'

TOWNSHIP: 62S

RANGE: 38E

SECTION: Cowpens Keys

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal islands.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Aug. 1976	April 1977	July 1977	Feb. 1978	April 1978	July 1978
Brown Pelican	30	---	empty	---	---	empty	---
Double-crested Cormorant	20	---		---	---		35
Great White Heron	3	---		---	---		6
Little Blue Heron	---	1		---	---		---
Reddish Egret	---	4		---	---		---
Great Egret	20	6-8		33	---		5
Louisiana Heron	---	4-5		---	---		---
Roseate Spoonbill	---	---		---	13		---
TOTALS	73	15-18	0	33	13	0	46

COLONY NUMBER: 620008

COUNTY: Monroe

COLONY NAME: East River

LAT. - LONG.: 25°16' - 80°52'

TOWNSHIP: 59S

RANGE: 34E

SECTION: 25

1/4 SECTION:

DESCRIPTION: Colony site: Islands in a lake.
Habitat surrounding colony: Water and mangrove swamp.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Jan. 1976	April 1976	June 1976	April 1977	June 1977	Mar. 1978	July 1978
Great Egret	200	---	empty	50-100	empty	20	empty
Wood Stork	75	30-35		50		---	
TOTALS	275	30-35	0	100-150	0	20	0

COLONY NUMBER: 620009

COUNTY: Monroe

COLONY NAME: Frank Key

LAT. - LONG.: 25°06' - 80°55'

TOWNSHIP: 61S

RANGE: 34E

SECTION: Frank Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Mangroves, coastal hardwoods, and buttonwood.
Colony area: No data.
Nesting substrate: Mangroves, coastal hardwoods, and thorn scrub over high ground.

Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check Feb. 1976	Ground check April 1976	June 1976	Feb. 1977	Mar. 1977	June 1977	Feb. 1978	April 1978	July 1978
Brown Pelican	250	---	---	+	50+	---	---	199	40
Double-crested Cormorant	350	---	---	+	+++	---	---	110	225
Great Blue Heron	---	---	---	---	---	---	---	---	---
Little Blue Heron	---	---	+	---	---	---	---	---	---
Reddish Egret	---	4	---	---	---	---	---	---	---
Great Egret	400	75-100	200-250	150	450-500	---	---	175	35
Snowy Egret	300	+	+	---	---	---	---	10	150
Louisiana Heron	---	84	+	---	---	---	---	---	---
Black-crowned Night Heron	25	---	---	---	---	---	---	---	---
White Ibis	---	---	1000±	---	---	1000	---	75	235
Roseate Spoonbill	56	---	---	---	---	---	36	---	---
TOTALS	1381	163-188+	1200-1250+	150+	500-550+	1000	36	569	685

COLONY NUMBER: 620011

COUNTY: Monroe

COLONY NAME: Lane River Rookery

LAT.- LONG.: 25°18' - 80°53'

TOWNSHIP: 59S

RANGE: 34E

SECTION: 14

1/4 SECTION:

DESCRIPTION: Colony site: Islands in lake.
Habitat surrounding colony: Water and mangrove swamp.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check Jan. 1976	Ground check April 1976	June 1976	April 1977	June 1977	May 1978	June 1978
Great Egret	300	35	empty	150	---	20±*	---
Snowy Egret	350	---		---	---	+	100-200**
Louisiana Heron	20	225		+	---	+	+
Wood stork	1200	200		500-600	100-125	---	---
White Ibis	---	---		---	---	+	50**
TOTALS	1870	460	0	650-750+	100-125	+ 20±*	+ 150-250**

*individuals

**fledged young birds

COLONY NUMBER: 620012

COUNTY: Monroe

COLONY NAME: South Nest Key

LAT. - LONG.: 25°08' - 80°31'

TOWNSHIP: 61S

RANGE: 38E

SECTION: South Nest Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	Feb. 1978	April 1978	July 1978
Brown Pelican	---	10	---	75	3
Double-crested Cormorant	25	---	---	---	---
Great White Heron	1	---	---	---	---
Great Egret	---	5+	---	---	---
Roseate Spoonbill	---	---	10	---	---
TOTALS	26	15+	10	75	3

COLONY NUMBER: 620013

COUNTY: Monroe

COLONY NAME: West Oyster Key

LAT. - LONG.: 25°06' - 80°57'

TOWNSHIP: 61S

RANGE: 34E

SECTION: West Oyster Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check March 1976	April 1976	April 1977	July 1977	Feb. 1978	May 1978	July 1978
Brown Pelican	+	---	---	---	---	---	---
Double-crested Cormorant	+	---	125	45	---	45	20
Great Egret	---	45	---	15	---	28	10
Louisiana Heron	---	---	---	---	---	1	---
Roseate Spoonbill	105	---	---	---	56	---	---
TOTALS	105+	45	125	60	56	74	30

COLONY NUMBER: 620014

COUNTY: Monroe

COLONY NAME: Palm Key

LAT. - LONG.: 25°07' - 80°53'

TOWNSHIP: 61S

RANGE: 34E

SECTION: Palm Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Thorn thicket.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	July 1977	April 1978	July 1978
Double-crested Cormorant	---	---	---	200	empty
Great White Heron	---	---	1	---	
Great Blue Heron	---	1	---	---	
Great Egret	4	50	---	5	
TOTALS	4	51	1	205	0

COLONY NUMBER: 620015

COUNTY: Monroe

COLONY NAME: Porjoe Key

LAT. - LONG.: 25°08' - 80°28'

TOWNSHIP: 61S

RANGE: 39E

SECTION: Porjoe Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	Ground check July 1976	April 1977	July 1977	Feb. 1978	May 1978
Reddish Egret	---	1	empty	---	---	---
Snowy Egret	---	9		40	---	15
Louisiana Heron	25	83		---	---	---
White Ibis	---	4		---	---	---
Roseate Spoonbill	---	---		---	64	---
TOTALS	25	97	0	40	64	15

COLONY NUMBER: 620016

COUNTY: Monroe

COLONY NAME: Sandy Key

LAT. - LONG.: 25°02' - 81°01'

TOWNSHIP: 62S

RANGE: 33E

SECTION: Sandy Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check April 1976	Ground check July 1976	April 1977	July 1977	Feb. 1978	April 1978	June 1978
Double-crested Cormorant	250	250	250	120	---	130	165
Great White Heron	---	---	---	---	---	3	5
Great Blue Heron	40	---	---	---	---	1	---
Little Blue Heron	---	8	---	---	---	---	---
Reddish Egret	1	---	---	---	---	---	---
Great Egret	25	15	150	15	---	30	55
Snowy Egret	3	9	---	---	---	15	35
Louisiana Heron	10	406	---	---	---	---	65
Black-crowned Night Heron	20	---	---	---	---	---	---
Roseate Spoonbill	4	---	---	---	25	---	---
TOTALS	353	688	400	135	25	179	325

COLONY NUMBER: 620017

COUNTY: Monroe

COLONY NAME: Stake Key

LAT. - LONG.: 25°03' - 80°35'

TOWNSHIP: 62S

RANGE: 37E

SECTION: Stake Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	February 1978
Roseate Spoonbill	41
TOTALS	41

COLONY NUMBER: 620019

COUNTY: Monroe

COLONY NAME: Tern Key

LAT. - LONG.: 25°10' - 80°33'

TOWNSHIP: 61S

RANGE: 38E

SECTION: Tern Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check Jan. 1976	Ground check July 1976	April 1977	July 1977	Feb. 1978	May 1978	July 1978
Reddish Egret	---	1	empty	---	---	---	---
Louisiana Heron	---	274		---	---	---	5*
White Ibis	---	---		12	---	6	10
Roseate Spoonbill	495	---		---	272	---	---
TOTALS	495	275	0	12	272	6	10 5*

*non-nesting individuals

COLONY NUMBER: 620044

COUNTY: Monroe

COLONY NAME: Cormorant Key

LAT. - LONG.: 25°07' - 80°51'

TOWNSHIP: 61S

RANGE: 35E

SECTION: Cormorant Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977
Great White Heron	2	1
Great Blue Heron	15	6
TOTALS	17	7

COLONY NUMBER: 620045

COUNTY: Monroe

COLONY NAME: Crane Keys

LAT. - LONG.: 25°00' - 80°37'

TOWNSHIP: 62S RANGE: 37E SECTION: Crane Keys 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal islands.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	April 1977	July 1977	Feb. 1978	April 1978
Great White Heron	1	empty	---	---	empty
Great Egret	1		24	---	
Roseate Spoonbill	1		---	31	
TOTALS	3	0	24	31	0

COLONY NUMBER: 620046

COUNTY: Monroe

COLONY NAME: Curlew Key

LAT. - LONG.: 25°06' - 80°50'

TOWNSHIP: 61S RANGE: 35E SECTION: Curlew Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977	May 1978
Double-crested Cormorant	---	---	++
Great White Heron	---	---	++
Great Egret	75	22	---
Snowy Egret	---	1	---
TOTALS	75	23	++

*non-nesting individuals

COLONY NUMBER: 620047

COUNTY: Monroe

COLONY NAME: Dike below Loop Rd. - Southwest

LAT. - LONG.: 25°42' - 81°04'

TOWNSHIP: 55S

RANGE: 33E

SECTION: 6

1/4 SECTION:

DESCRIPTION: Colony site: No data.
Habitat surrounding colony: Freshwater marsh.
Colony area: No data.
Nesting substrate: No data.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Great Egret	5
TOTALS	5

COLONY NUMBER: 620048

COUNTY: Monroe

COLONY NAME: Butternut Keys

LAT. - LONG.: 25°05' - 80°31'

TOWNSHIP: 61/62S RANGE: 38E SECTION: Butternut Keys 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal islands.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1977	Feb. 1978	April 1978
Great White Heron	1	empty	---	5
Roseate Spoonbill	---		8	---
TOTALS	1	0	8	5

COLONY NUMBER: 620049

COUNTY: Monroe

COLONY NAME: Low Key

LAT. - LONG.: 25°03' - 80°35'

TOWNSHIP: 62S RANGE: 37E SECTION: Low Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	July 1977	May 1978	July 1978
Great White Heron	3	empty	empty	empty	5
TOTALS	3	0	0	0	5

COLONY NUMBER: 620051

COUNTY: Monroe

COLONY NAME: Rogers River Bay

LAT. - LONG.: 25°33' - 81°04'

TOWNSHIP: 56S

RANGE: 32E

SECTION: 36

1/4 SECTION:

DESCRIPTION: Colony site: Island in river.
Habitat surrounding colony: Water and mangrove swamp.
Colony area: No data.
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground Check						
	Jan. 1976	Mar. 1976	June 1976	April 1977	July 1977	April 1978	July 1978
Anhinga	---	33	---	---	---	---	---
Great Egret	300	359	100	120	20	250	45
Snowy Egret	400	1365	200	300	70	100	410
Louisiana Heron	450	---	+	10	50+	30	60
White Ibis	---	---	---	---	620	---	---
TOTALS	1150	1757	300+	430	760+	380	515

COLONY NUMBER: 620052

COUNTY: Monroe

COLONY NAME: Southwest of 10 Mile Corner

LAT. - LONG.: 25°31' - 80°53'

TOWNSHIP: 57S

RANGE: 34E

SECTION: 12

1/4 SECTION:

DESCRIPTION: Colony site: Willows.
Habitat surrounding colony: Freshwater marsh.
Colony area: No data.
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	3**
Louisiana Heron	7*
White Ibis	1*
TOTALS	3 8*

*non-nesting individuals
**plus 17 immature and 2 adult birds

COLONY NUMBER: 621001

COUNTY: Monroe

COLONY NAME: Archer Key

LAT. - LONG.: 24°34' - 81°54'

TOWNSHIP: 67S RANGE: 24E SECTION: Archer Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Double-crested Cormorant	18
Great Blue Heron	7
TOTALS	25

COLONY NUMBER: 621002

COUNTY: Monroe

COLONY NAME: Barnes Key

LAT. - LONG.: 24°56' - 80°47'

TOWNSHIP: 63S

RANGE: 35E

SECTION: Barnes Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	<u>April</u> <u>1976</u>	<u>July</u> <u>1976</u>	<u>April</u> <u>1977</u>	<u>July</u> <u>1977</u>	<u>April</u> <u>1978</u>	<u>July</u> <u>1978</u>
Double-crested Cormorant	40	empty	10	22	---	empty
Great White Heron	1		---	---	8	
Great Egret	30		40	15	---	
TOTALS	71	0	50	37	8	0

COLONY NUMBER: 621003

COUNTY: Monroe

COLONY NAME: Bay Keys

LAT. - LONG.: 24°38' - 81°46'

TOWNSHIP: 67S

RANGE: 25E

SECTION: Bay Keys

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal islands.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Double-crested Cormorant	485
Great White Heron	7
Great Blue Heron	3
TOTALS	495

COLONY NUMBER: 621004

COUNTY: Monroe

COLONY NAME: Big Mangrove Key

LAT. - LONG.: 24°40' - 81°19'

TOWNSHIP: 66S RANGE: 30E SECTION: Big Mangrove Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Brown Pelican	30
Double-crested Cormorant	20
Great Blue Heron (some Great White Herons)	15
Great Egret	4
TOTALS	69

COLONY NUMBER: 621005

COUNTY: Monroe

COLONY NAME: Buchanan Keys

LAT. - LONG.: 24°55' - 80°46'

TOWNSHIP: 63S

RANGE: 35E

SECTION:

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal islands.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves at seasonally flooded site.
Proximity to human disturbance: > 0.8 km

Note: 2 islands, not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	Ground check Feb. 1976	April 1976	Ground check June 1976	April 1977	July 1977	Feb. 1978	May 1978	Aug. 1978
Brown Pelicans	88	105	---	45	---	---	64	---
Double-crested Cormorant	200	---	200	120	130	---	220	115+
Great White Heron	---	---	---	---	---	---	---	6*
Great Blue Heron	12	---	---	---	---	---	---	---
Little Blue Heron	---	---	3	---	---	---	---	3*
Great Egret	12	35-45	---	60	2	---	20	---
Snowy Egret	---	---	4	---	10	---	---	---
Louisiana Heron	---	---	17	---	---	---	---	4*
Roseate Spoonbill	50	---	---	---	---	42	---	---
TOTALS	362	140-150	224	225	142	42	304	115+ 13*

*non-nesting individuals

COLONY NUMBER: 621006

COUNTY: Monroe

COLONY NAME: Channel Key

LAT. - LONG.: 24°36' - 81°43'

TOWNSHIP: 67S

RANGE: 25E

SECTION: Channel Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Double-crested Cormorant	350
Great White Heron	6
TOTALS	356

COLONY NUMBER: 621007

COUNTY: Monroe

COLONY NAME: Cotton Key

LAT. - LONG.: 24°58' - 80°37'

TOWNSHIP: 63S

RANGE: 37E

SECTION: Cotton Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976
Double-crested Cormorant	40
Great Blue Heron	5
Great Egret	20
TOTALS	65

COLONY NUMBER: 621008

COUNTY: Monroe

COLONY NAME: Cottrell Key

LAT. - LONG.: 24°37' - 81°55'

TOWNSHIP: 67S

RANGE: 24E

SECTION: Cottrell Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Brown Pelican	140
Double-crested Cormorant	420
Great Egret	8
TOTALS	568

COLONY NUMBER: 621009

COUNTY: Monroe

COLONY NAME: Crane Key

LAT. - LONG.: 24°45' - 81°31'

TOWNSHIP: 65S

RANGE: 28E

SECTION: Crane Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Brown Pelican	8
Great Blue Heron	6
TOTALS	14

COLONY NUMBER: 621010

COUNTY: Monroe

COLONY NAME: Don Quixote Key

LAT. - LONG.: 24°40' - 81°18'

TOWNSHIP: 66S RANGE: 30E SECTION: Don Quixote Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check June 1976
Double-crested Cormorant	5
Little Blue Heron	4
Snowy Egret	2
Louisiana Heron	5
White Ibis	107
TOTALS	123

COLONY NUMBER: 621011

COUNTY: Monroe

COLONY NAME: Fanny Keys

LAT. - LONG.: 24°43' - 81°06'

TOWNSHIP: 66S RANGE: 32E SECTION: Fanny Keys 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Brown Pelican	70
Double-crested Cormorant	580
Great White Heron	4
Great Egret	15
TOTALS	669

COLONY NUMBER: 621012

COUNTY: Monroe

COLONY NAME: Green Mangrove Key

LAT. - LONG.: 24°55' - 80°47'

TOWNSHIP: 63S RANGE: 35E SECTION: Green Mangrove Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	July 1977	April 1978	July 1978
Double-crested Cormorant	40	10	120	empty	35
Great White Heron	1	---	5		---
Great Egret	12	35	10		---
TOTALS	53	45	135	0	35

COLONY NUMBER: 621013

COUNTY: Monroe

COLONY NAME: Horseshoe Keys

LAT. - LONG.: 24°46' - 81°17'

TOWNSHIP: 65S

RANGE: 30E

SECTION: Horseshoe Keys

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Great White Heron	14
Great Blue Heron	9
TOTALS	23

COLONY NUMBER: 621014

COUNTY: Monroe

COLONY NAME: Johnston Key Mangroves

LAT. - LONG.: 24°44' - 81°35'

TOWNSHIP: 65/66S RANGE: 27E SECTION: Johnston Key Mangroves 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal islands.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves at seasonally flooded site.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	June 1976
Brown Pelican	25	---
Double-crested Cormorant	15	---
Great Blue Heron	1	---
Little Blue Heron	---	2
Reddish Egret	---	1
Louisiana Heron	---	5
White Ibis	20+	63
TOTALS	61+	71

COLONY NUMBER: 621015

COUNTY: Monroe

COLONY NAME: Johnston Key - West

LAT. - LONG.: 24°43' - 81°35'

TOWNSHIP: 66S RANGE: 27E SECTION: Johnston Key - West 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check June 1976
Double-crested Cormorant	20
Great Blue Heron	4
Little Blue Heron	2
Reddish Egret	1
Louisiana Heron	2
White Ibis	68
TOTALS	97

COLONY NUMBER: 621017

COUNTY: Monroe

COLONY NAME: Peterson Keys

LAT. - LONG.: 24°55' - 80°45'

TOWNSHIP: 63/64S

RANGE: 36E

SECTION: Peterson Keys

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	July 1977	April 1978
Double-crested Cormorant	25	---	45	20
Great White Heron	7	3	1	---
Great Egret	14	6	---	8
Snowy Egret	---	---	---	2
TOTALS	46	9	46	30

COLONY NUMBER: 621018

COUNTY: Monroe

COLONY NAME: Shell Key

LAT. - LONG.: 24°55' - 80°40'

TOWNSHIP: 63S

RANGE: 37E

SECTION: Shell Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976
Double-crested Cormorant	250
Great Egret	6
TOTALS	256

COLONY NUMBER: 621019

COUNTY: Monroe

COLONY NAME: Snipe Keys

LAT. - LONG.: 24°40' - 81°42'

TOWNSHIP: 66S RANGE: 26/27E SECTION: Snipe Keys 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Great White Heron	5
TOTALS	5

COLONY NUMBER: 621020

COUNTY: Monroe

COLONY NAME: Tarpon Belly Keys

LAT. - LONG.: 24°44' - 81°31'

TOWNSHIP: 66S RANGE: 28E SECTION: Tarpon Belly Keys 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Double-crested Cormorant	70
Great White Heron	5
TOTALS	75

COLONY NUMBER: 621021

COUNTY: Monroe

COLONY NAME: Upper Arsnicker Key

LAT. - LONG.: 24°56' - 80°50'

TOWNSHIP: 63S RANGE: 35E SECTION: Upper Arsenicker Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	April 1977	July 1977	April 1978	July 1978
Brown Pelican	20	empty	---	---	26	---
Double-crested Cormorant	60		20	75	---	---
Great White Heron	---		---	18	---	3
Great Blue Heron	---		---	9	---	2
Great Egret	40		---	---	---	---
TOTALS	120	0	20	102	26	5

COLONY NUMBER: 621023

COUNTY: Monroe

COLONY NAME: West Bahia Honda Key

LAT. - LONG.: 24°47' - 81°16'

TOWNSHIP: 65S RANGE: 30E SECTION: West Bahia Honda Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976
Double-crested Cormorant	180
Great White Heron	9
White Ibis	2
TOTALS	191

COLONY NUMBER: 621024

COUNTY: Monroe

COLONY NAME: Hog Key

LAT. - LONG.: 24°43' - 81°07'

TOWNSHIP: 66S

RANGE: 32E

SECTION: Hog Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	February 1977
Brown Pelican	+
Great White Heron	75
Great Blue Heron	15
TOTALS	90+

COLONY NUMBER: 621025

COUNTY: Monroe

COLONY NAME: Pigeon Key

LAT. - LONG.: 24°42' - 81°36'

TOWNSHIP: 66S RANGE: 27E SECTION: Pigeon Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	May 1976
Double-crested Cormorant	20	10
Great White Heron	---	1
White Ibis	---	+
TOTALS	20	11+

COLONY NUMBER: 621026

COUNTY: Monroe

COLONY NAME: Big Rabbit Key

LAT. - LONG.: 24°59' - 80°50'

TOWNSHIP: 63S

RANGE: 35E

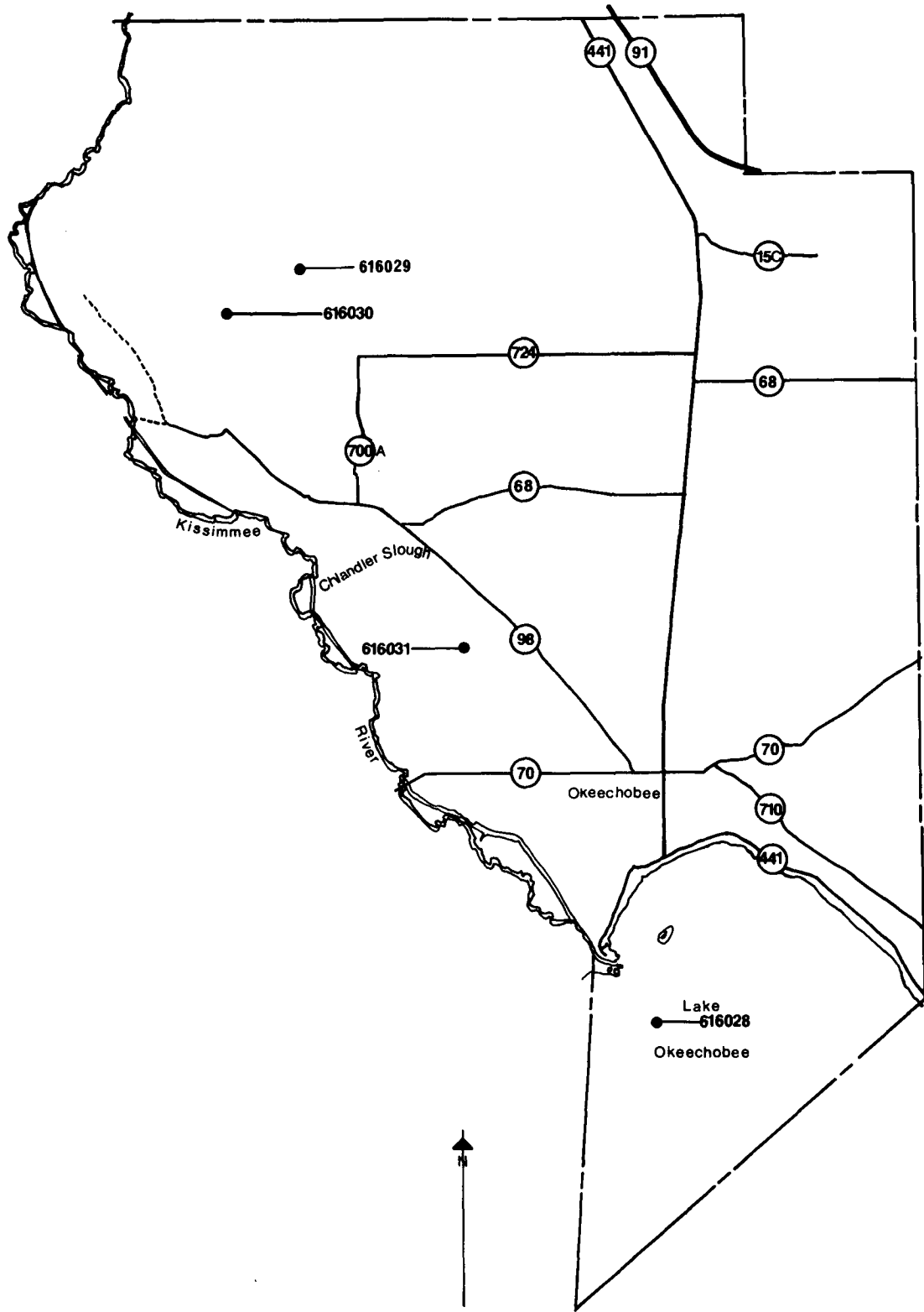
SECTION: Big Rabbit Key

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977	April 1978	July 1978
Great White Heron	empty	5	empty	5+
TOTALS	0	5	0	5+



OKEECHOBEE COUNTY



COLONY NUMBER: 616028

COUNTY: Okeechobee

COLONY NAME: King's Bar

LAT.- LONG: 27°07' - 80°50'

TOWNSHIP: 39S RANGE: 35E SECTION: King's Bar in 1/4 SECTION:
Lake Okeechobee

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Willows, sawgrass, and water.
Colony area: 1976 - 0.8 ha 1977 - 8.0+ ha
Nesting substrate: Willows at seasonally flooded site.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	July 1976	April 1977	June 1977	May 1978	June 1978
Anhinga	---	50	50+	---	---	150
Great Blue Heron	---	---	---	---	20	---
Little Blue Heron	100+	150	50+	100	+	50
Cattle Egret	5000	2500	---	1500	1500	1500
Great Egret	50-100	500	250+	250	150	---
Snowy Egret	100+	---	---	100+	100	500
Egret spp. (Cattle & Snowy)	---	---	5000+	---	---	---
Louisiana Heron	+	100	---	150	50	---
Glossy Ibis	50±	---	---	---	---	50
White Ibis	1000	---	1000+	500	1000	500+
TOTALS	6300-6350+	3300	6350+	2600+	2820+	2750+

COLONY NUMBER: 616029

COUNTY: Okeechobee

COLONY NAME: Lander Hammock

LAT. - LONG: 27°31' - 81°02'

TOWNSHIP: 34S RANGE: 33E SECTION: 21 1/4 SECTION: NW

DESCRIPTION: Colony site: Willow and swamp hardwood pond.
Habitat surrounding colony: Oak/palm hammock and freshwater marsh.
Colony area: No data.
Nesting substrate: Willows, maples and flag over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1976	May 1978	June 1978
Little Blue Heron	+	empty	empty
Cattle Egret	300-400		
Great Egret	+		
Louisiana Heron	+		
White Ibis	**		
TOTALS	300-400+ **	0	0

*uncertain if nesting

COLONY NUMBER: 616030

COUNTY: Okeechobee

COLONY NAME: Wolf Sawgrass

LAT.- LONG: 27°29' - 81°05'

TOWNSHIP: 34S

RANGE: 32E

SECTION: 24/25

1/4 SECTION: W

DESCRIPTION: Colony site: Willows and elderberry.
Habitat surrounding colony: Willows, elderberry, and freshwater marsh.
Colony area: 0.6 ha
Nesting substrate: Willows and elderberry over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	August 1976	April 1977	June 1977	May 1978	June 1978
Anhinga	empty	+	empty	---	empty	empty
Little Blue Heron		+		---		
Cattle Egret		1500-2000		150		
Great Egret		+		---		
Louisiana Heron		+		---		
Yellow-crowned Night Heron		---		30		
White Ibis		100-150		---		
TOTALS	0	1600-2150+	0	180	0	0

COLONY NUMBER: 616031

COUNTY: Okeechobee

COLONY NAME: Yates Sawgrass

LAT. - LONG: 27°19' - 80°57'

TOWNSHIP: 36S

RANGE: 34E

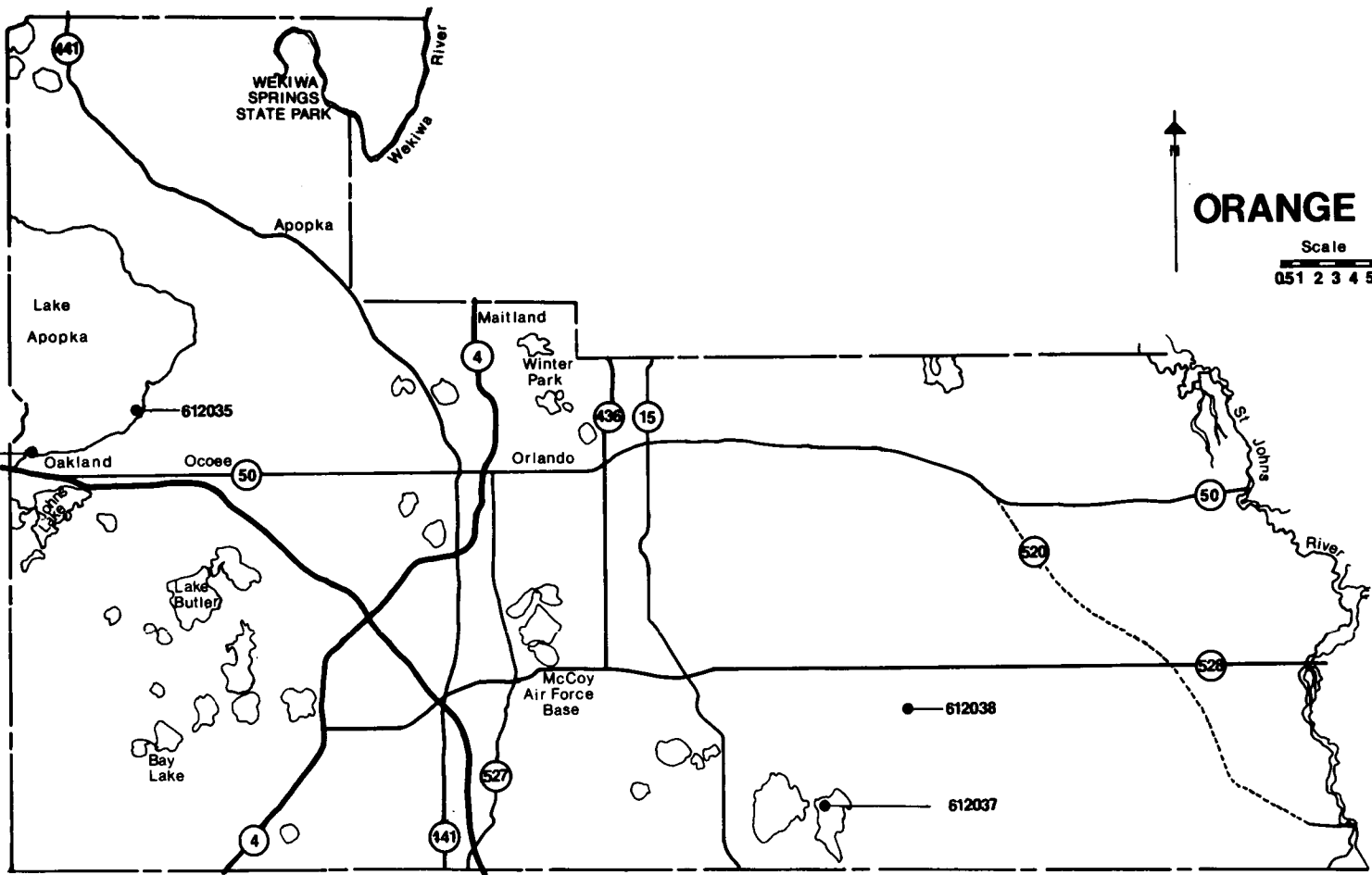
SECTION: 29

1/4 SECTION: E

DESCRIPTION: Colony site: Willows.
Habitat surrounding colony: Willows and freshwater marsh.
Colony area: 0.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1976	April 1977	May 1978	June 1978
Anhinga	+	empty	empty	empty
Cattle Egret	1500+			
Great Egret	50+			
Louisiana Heron	+			
White Ibis	+			
TOTALS	1550+	0	0	0



ORANGE COUNTY

Scale
0 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 612035

COUNTY: Orange

COLONY NAME: Gator Island

LAT. - LONG: 28°35' - 81°35'

TOWNSHIP: 22S

RANGE: 27E

SECTION: 11

1/4 SECTION:

DESCRIPTION:

Colony site: Island in lake.

Habitat surrounding colony: Red maple, willow, and wax myrtle.

Colony area: 1976 - 4.0 ha 1977 - 1.2 ha

Nesting substrate: Red maples, willows, and wax myrtle over water.

Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	May 1977	June 1977	May 1978
Double-crested Cormorant	---	empty	---	25
Anhinga	12		25	---
Great Blue Heron	5		1	6
Cattle Egret	250		---	---
Great Egret	50		---	---
Snowy Egret	25		---	---
Louisiana Heron	25		---	---
Yellow-crowned Night Heron	12		---	---
White Ibis	50		---	---
TOTALS	429	0	26	31

COLONY NUMBER: 612036

COUNTY: Orange

COLONY NAME: Hull Island

LAT. - LONG: 28°34' - 81°39'

TOWNSHIP: 22S

RANGE: 27E

SECTION: 19

1/4 SECTION:

DESCRIPTION:

Colony site: Edge of lake.

Habitat surrounding colony: Red maples, elderberry, and wax myrtle.

Colony area: No data.

Nesting substrate: Red maples, elderberry, and wax myrtle.

Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	May 1977
Great Blue Heron	1	empty	empty
Great Egret	100		
TOTALS	101	0	0

COLONY NUMBER: 612037

COUNTY: Orange

COLONY NAME: Lake Mary Jane

LAT. - LONG: 28°23' - 81°11'

TOWNSHIP: 24S RANGE: 31E SECTION: 23/26 1/4 SECTION: SE/NE

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Willows.
Colony area: 1.6 ha
Nesting substrate: Willows at seasonally flooded site.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1977	May 1978	June 1978
Cattle Egret	1000	2000	2500
Great Egret	---	50	---
Snowy Egret	100	---	---
Louisiana Heron	100	---	---
White Ibis	50	150+	---
TOTALS	1250	2200+	2500

COLONY NUMBER: 612038

COUNTY: Orange

COLONY NAME: Mary Jane Borrow

LAT. - LONG: 28°26' - 81°08'

TOWNSHIP: 24S

RANGE: 32E

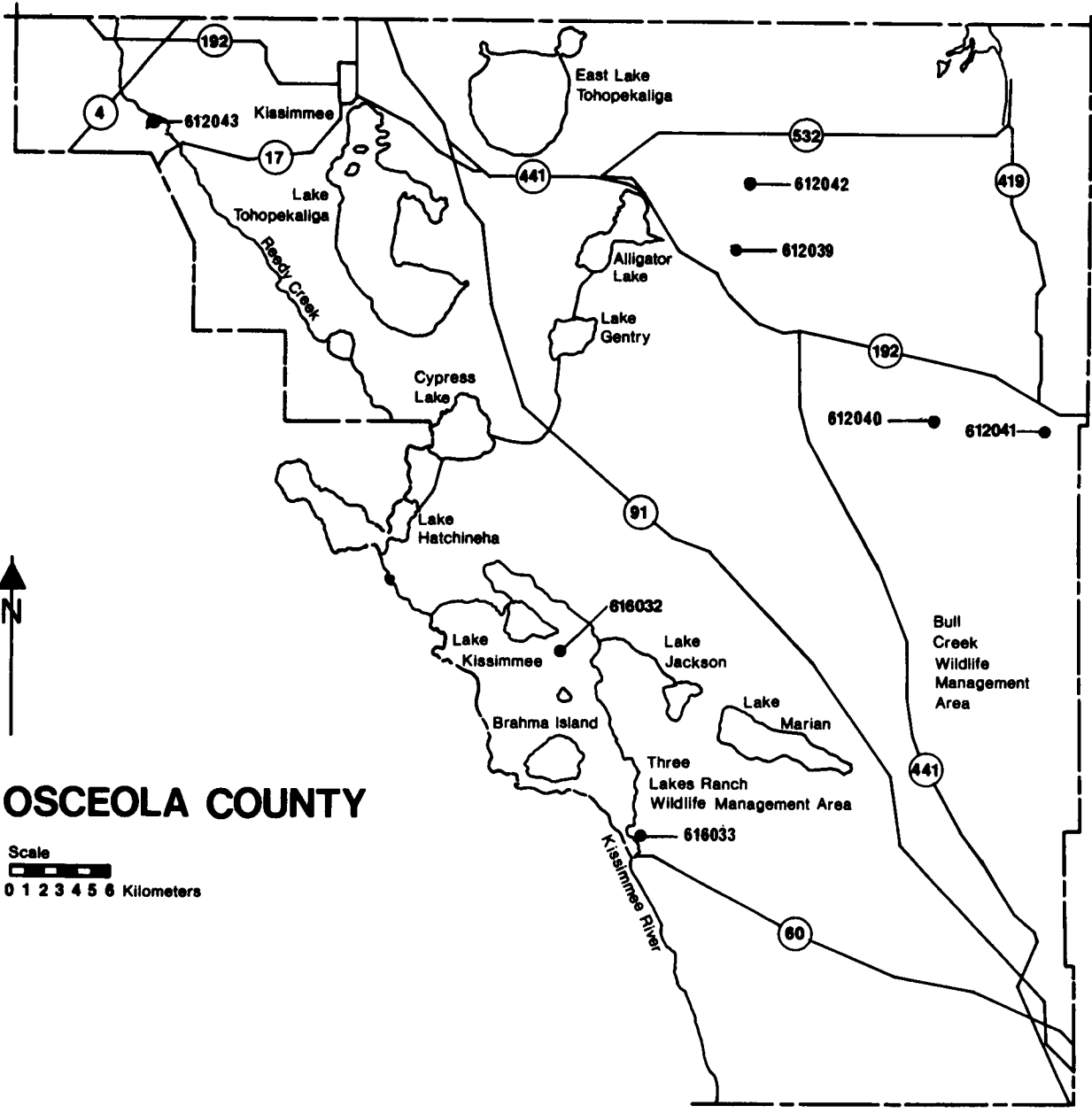
SECTION: 5

1/4 SECTION:

DESCRIPTION: Colony site: Islands in water impoundment (borrow pit).
See note.
Habitat surrounding colony: Cypress, willows, red maples, and water.
Colony area: 0.4 ha
Nesting substrate: Cypress, willows, and red maples over water.
See note.
Proximity to human disturbance: > 0.8 km
Note: 1976 - 1 island in borrow pit: cypress, willow and red maple over water.
1977-78 - 2 islands in borrow pit: #1 willow over water.
#2 red maples over water.
Subcolonies not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	May 1977	May 1978
Little Blue Heron	---	---	---	50
Cattle Egret	---	250	100	200
Great Egret	75	50	30	---
TOTALS	75	300	130	250



OSCEOLA COUNTY

Scale
 0 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 612039

COUNTY: Osceola

COLONY NAME: Cat Lake

LAT. - LONG: 28°12' - 81°07'

TOWNSHIP: 26S

RANGE: 32E

SECTION: 28

1/4 SECTION: NW

DESCRIPTION: Colony site: Edge of lake.
Habitat surrounding colony: Pine flatwoods and unimproved pasture.
Colony area: 0.6 ha
Nesting substrate: Willows and cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1977	June 1978
Little Blue Heron	25	empty
Cattle Egret	500	
TOTALS	525	0

COLONY NUMBER: 612040

COUNTY: Osceola

COLONY NAME: Crabgrass

LAT. - LONG: 28°05' - 80°59'

TOWNSHIP: 27S RANGE: 33E SECTION: 36 1/4 SECTION: SW

DESCRIPTION: Colony site: Cypress.
Habitat surrounding colony: Unimproved pasture, and open pine flatwoods.
Colony area: 0.4 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1977	April 1978
Great Egret	10	empty
Wood Stork	30	
TOTALS	40	0

COLONY NUMBER: 612041

COUNTY: Osceola

COLONY NAME: Jane Green Creek

LAT. - LONG: 28°05' - 80°54'

TOWNSHIP: 28S

RANGE: 34E

SECTION: 2

1/4 SECTION:

DESCRIPTION: Colony site: Creek bottom swamp.
Habitat surrounding colony: Cypress.
Colony area: 1.0 ha
Nesting substrate: Cypress at seasonally flooded site.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1977	April 1978	June 1978
Wood Stork	20	empty	empty
TOTALS	20	0	0

COLONY NUMBER: 612042

COUNTY: Osceola

COLONY NAME: Lake Conlin

LAT. - LONG: 28°14' - 81°06'

TOWNSHIP: 26S

RANGE: 32E

SECTION: 10

1/4 SECTION:

DESCRIPTION: Colony site: Cypress at edge of lake.
Habitat surrounding colony: Cypress.
Colony area: 1.2 ha
Nesting substrate: Cypress at seasonally flooded site.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1977	April 1978	June 1978
Wood Stork	50	empty	empty
TOTALS	50	0	0

COLONY NUMBER: 612043

COUNTY: Osceola

COLONY NAME: Upper Reedy Creek

LAT. - LONG: 28°17' - 81°34'

TOWNSHIP: 25S

RANGE: 27/28E

SECTION: 25/30

1/4 SECTION:

DESCRIPTION: Colony site: Cypress.
Habitat surrounding colony: Cypress swamp.
Colony area: 0.4 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	May 1977	July 1977	April 1978	July 1978
Great Egret	50	empty	empty	empty	empty
TOTALS	50	0	0	0	0

COLONY NUMBER: 616032

COUNTY: Osceola

COLONY NAME: Rabbit Island

LAT. - LONG: 27°56' -81°15'

TOWNSHIP: 29S RANGE: 31E SECTION: 19/30 1/4 SECTION: SE/NE

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Open ground (planted with melon and corn in June 1976-1977)
Colony area: 1976 - 1.2 ha 1977 - 8.0 ha
Nesting substrate: Willows, elderberry, and Baccharis at seasonally flooded site.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	June 1977	May 1978	June 1978
Double-crested Cormorant	100	25	---	---	---	---
Anhinga	---	25	25	---	---	150
Little Blue Heron	100	50	50	50+	100	50
Cattle Egret	500	1500	---	1500	2500	5000
Great Egret	50	175	250	---	50	100
Snowy Egret	100	---	---	300	---	---
Egret spp. (Snowy & Cattle)	---	---	1000	---	---	---
Louisiana Heron	---	25	---	150+	---	50
Black-crowned Night Heron	---	---	---	---	50	---
White Ibis	100	1000	1000	500	1000	500
TOTALS	950	2800	2325	2500+	3700	5850

COLONY NUMBER: 616033

COUNTY: Osceola

COLONY NAME: Three Lakes Ranch

LAT. - LONG: 27°49' - 81°11'

TOWNSHIP: 30/31S

RANGE: 31E

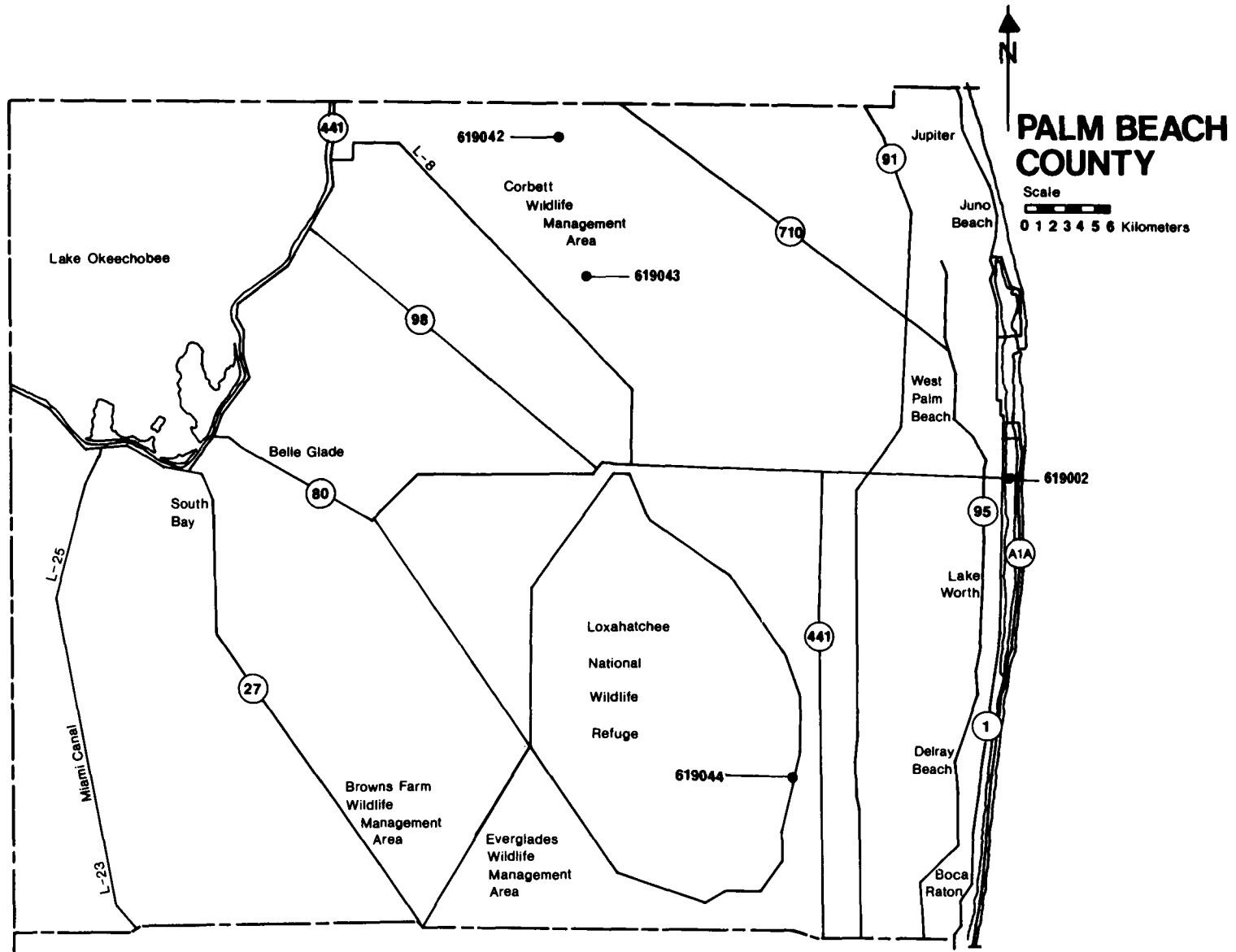
SECTION: 35/2

1/4 SECTION:

DESCRIPTION: Colony site: Low area with swamp hardwoods.
Habitat surrounding colony: Cabbage palms and red maples.
Colony area: 2.0 ha
Nesting substrate: Cabbage palms and red maples over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	July 1977
Great Egret	50	empty	empty
TOTALS	50	0	0



COLONY NUMBER: 619002

COUNTY: Palm Beach

COLONY NAME: Fisherman's Island

LAT. - LONG.: 26°40' - 80°03'

TOWNSHIP: 43S

RANGE: 43E

SECTION: 34

1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal spoil island.
Habitat surrounding colony: Open water.
Colony area: 0.8 ha
Nesting substrate: Mangroves over low ground that may be
seasonally flooded.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	Ground check July 1976	April 1977	June 1977	June 1978
Anhinga	---	10	---	---	---
Great Blue Heron	---	---	15	---	---
Little Blue Heron	---	10	---	+	+
Cattle Egret	1200	1450	---	500	2000
Great Egret	10	6	25-50	25	100
Snowy Egret	4	---	---	150	+
Egret spp. (Cattle & Snowy)	---	---	1000	---	---
Louisiana Heron	---	10	---	+	+
Black-crowned Night Heron	---	4	---	---	---
White Ibis	---	195	---	500	+
TOTALS	1214	1685	1040-1065	1175+	2100+

COLONY NUMBER: 619042

COUNTY: Palm Beach

COLONY NAME: Corbett North

LAT. - LONG.: 26°56' - 80°25'

TOWNSHIP: 41S

RANGE: 39E

SECTION: 2

1/4 SECTION:

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Sawgrass.
Colony area: 0.6 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1978
Cattle Egret	500
TOTALS	500

COLONY NUMBER: 619043

COUNTY: Palm Beach

COLONY NAME: Corbett South

LAT. - LONG.: 26°50' - 80°24'

TOWNSHIP: 42S

RANGE: 39E

SECTION: 12

1/4 SECTION:

DESCRIPTION: Colony site: Willows with scattered cypress.
Habitat surrounding colony: Sawgrass.
Colony area: 0.6 ha
Nesting substrate: Willows and cypress over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Cattle Egret	500
Great Egret	8
White Ibis	+
TOTALS	508+

COLONY NUMBER: 619044

COUNTY: Palm Beach

COLONY NAME: Loxahatchee

LAT. - LONG.: 26°27' - 80°14'

TOWNSHIP: 46S

RANGE: 41E

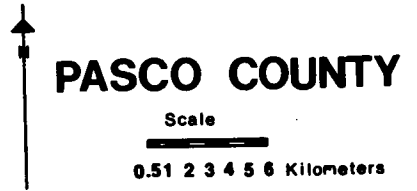
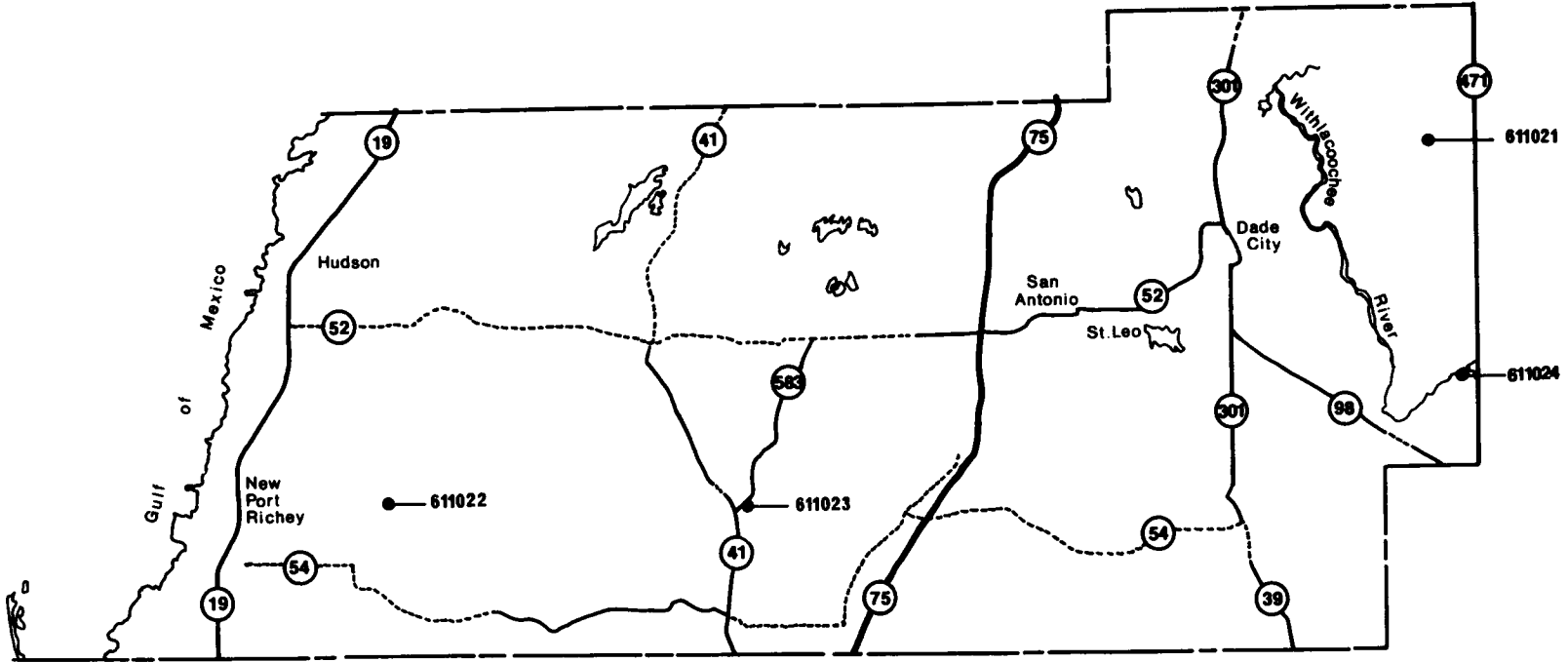
SECTION: 14/23

1/4 SECTION:

DESCRIPTION: Colony site: Willows along levy of water impoundment.
Habitat surrounding colony: Impounded freshwater marsh.
Colony area: 0.4 ha
Nesting substrate: Willows.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1978	June 1978
Little Blue Heron	+	+
Cattle Egret	1000	2500
Great Egret	+	+
Snowy Egret	+	+
Louisiana Heron	+	400
White Ibis	3000±	1000
Scarlet Ibis	1	---
TOTALS	4001+	3900+



COLONY NUMBER: 611021

COUNTY: Pasco

COLONY NAME: Devil Creek

LAT. - LONG.: 28°25' - 82°05'

TOWNSHIP: 24S

RANGE: 22E

SECTION: 11

1/4 SECTION:

DESCRIPTION:

Colony site: Pond in center of cypress dome.

Habitat surrounding colony: Cypress, swamp, and pasture.

Colony area: 0.2 ha

Nesting substrate: Pond apples, willows, bays and elderberry
over water.

Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue Heron	+
Cattle Egret	150
TOTALS	150+

COLONY NUMBER: 611022

COUNTY: Pasco

COLONY NAME: Dupree Gardens

LAT. - LONG.: 28°14' - 82°39'

TOWNSHIP: 26S

RANGE: 17E

SECTION: 7

1/4 SECTION: Mid

DESCRIPTION: Colony site: Island in pond.
Habitat surrounding colony: Pond.
Colony area: 0.4 ha
Nesting substrate: Willows and buttonbush over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Cattle Egret	200
Louisiana Heron	+
TOTALS	200+

COLONY NUMBER: 611023

COUNTY: Pasco

COLONY NAME: Land of Lakes

LAT. - LONG.: 28°14' - 82°27'

TOWNSHIP: 26S RANGE: 18E

SECTION: 12

1/4 SECTION: NE

DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Water.
Colony area: 0.1 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

Note: July 1978 - Colony moved to Dupree Gardens, Pasco County.

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978	July 1978
Cattle Egret	250	empty	empty
TOTALS	250	0	0

COLONY NUMBER: 611024

COUNTY: Pasco

COLONY NAME: Little Gator Creek

LAT. - LONG.: 28°18' - 82°04'

TOWNSHIP: 25S

RANGE: 22E

SECTION: 24

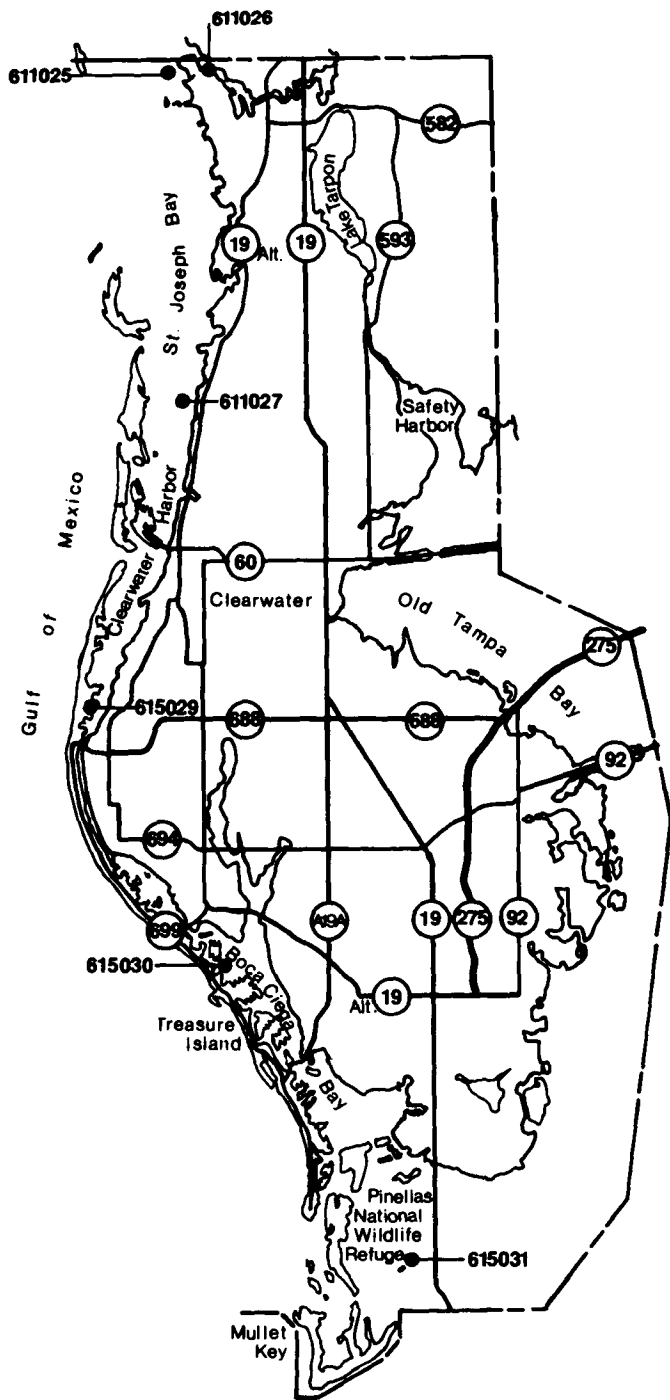
1/4 SECTION: SE

DESCRIPTION:

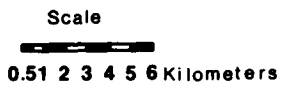
Colony site: Open area in cypress swamp over a creek.
Habitat surrounding colony: Cypress and swamp hardwoods.
Colony area: 1976 - 1.2 ha 1978 - 4.0 ha
Nesting substrate: Cypress, swamp hardwoods, and understory shrubs over water.
Proximity to human disturbance: < 0.8 km (rockpit)

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1977	April 1978	July 1978
Little Blue Heron	---	++	+	---	---	---
Cattle Egret	3000±	4000-5000	1000++	4000+	1000+	3000-4000
Great Egret	100±	---	+	---	50±	+
Snowy Egret	+	---	---	---	---	---
Wood Stork	150	15-20	150-200	25	350+	50-75
White Ibis	++	---	---	---	---	+
TOTALS	3250+	4015-5020+	1150-1200+	4025+	1400+	3050-4075+



PINELLAS COUNTY



COLONY NUMBER: 611025

COUNTY: Pinellas

COLONY NAME: Anclote River Spoil

LAT. - LONG.: 28°10' - 82°49'

TOWNSHIP: 27S

RANGE: 15E

SECTION: 4/5

1/4 SECTION:

DESCRIPTION: Colony site: Coastal spoil islands.
Habitat surrounding colony: Water.
Colony area: 0.3 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

Note: 1976-77 - 3 islands
1978 - 4 islands
Subcolonies were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	---	+	+	---	---
Double-crested Cormorant	+	+	+	---	---
Great Blue Heron	10	---	---	25	5
Cattle Egret	---	---	---	+	---
Great Egret	150-175	50-75	40+	75	10-15
White Ibis	---	---	---	---	+
TOTALS	160-185+	50-75+	40+	100+	15-20+

COLONY NUMBER: 611026

COUNTY: Pinellas

COLONY NAME: Mouth of the Anclote River
(Subcolony 1)

LAT. - LONG.: 28°10' - 82°46'

TOWNSHIP: 27S RANGE: 15E SECTION: 2/3 1/4 SECTION: W

DESCRIPTION: Colony site: Spoil island in river.
Habitat surrounding colony: Water.
Colony area: 0.2 ha.
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

Note: 1976-77 - 1 island
1978 - 2 islands

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Little Blue Heron	50+	---	25+	---
Cattle Egret	1000±	+	300-350	+++
Great Egret	100	150±	---	---
Snowy Egret	---	+	---	+
Egret spp. (Cattle and Snowy)	---	---	---	500-750
Louisiana Heron	+	+	---	+
TOTALS	1150+	150+	325-375+	500-750+

COLONY NUMBER: 611026

COUNTY: Pinellas

COLONY NAME: Mouth of the Anclote River
(Subcolony 2)

LAT. - LONG.: 28°10' - 82°46'

TOWNSHIP: 27S RANGE: 15E SECTION: 2/3 1/4 SECTION: W

DESCRIPTION: Colony site: Spoil island in river.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Great Blue Heron	+	---
Little Blue Heron	---	+
Cattle Egret	50-100	650-750
Great Egret	150	50
Louisiana Heron	---	+
White Ibis	+	---
TOTALS	200-250+	700-800+

COLONY NUMBER: 611027

COUNTY: Pinellas

COLONY NAME: Sand Keys

LAT. - LONG.: 28°02' - 82°48'

TOWNSHIP: 28S

RANGE: 15E

SECTION: 22

1/4 SECTION:

DESCRIPTION: Colony site: Coastal spoil islands.
Habitat surrounding colony: Water.
Colony area: 0.1 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

Note: 1976 - 1 island
1977-78 - 2 islands
Subcolonies were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	---	---	1-5	4-5	---
Cattle Egret	50	---	150*	---	---
Great Egret	15	25-50	50+	3-4	10-15
Snowy Egret	---	---	---	---	+
White Ibis	---	250	150-200	---	15-20
TOTALS	65	275-300	201-255 150*	7-9	25-35+

*non-nesting individuals

COLONY NUMBER: 615029

COUNTY: Pinellas

COLONY NAME: Indian Rocks Beach

LAT. - LONG: 27°54' - 82°50'

TOWNSHIP: 30S

RANGE: 15E

SECTION: 6

1/4 SECTION:

DESCRIPTION: Colony site: Coastal spoil island.
Habitat surrounding colony: Water.
Colony area: 0.1 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	30	30-35	15-20	45	25
Little Blue Heron	---	+*	---	---	---
Great Egret	25	30-40	40-50	50-60	25
Snowy Egret	---	---	+	---	+
Louisiana Heron	---	+	---	---	---
TOTALS	55	60-75+ +*	55-70+	95-105	50+

*uncertain if nesting

COLONY NUMBER: 615030

COUNTY: Pinellas

COLONY NAME: John's Pass
(Subcolony 1 - Crab Key)

LAT. - LONG: 27°48' - 82°47'

TOWNSHIP: 31S RANGE: 15E SECTION: Crab Key 1/4 SECTION:

DESCRIPTION: Colony site: Coastal spoil islands.
Habitat surrounding colony: Water.
Colony area: 0.3 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

Note: April 1976 - 1 island
June 1976, 1977, 1978 - 2 islands (Crab Key and small
key to south)
Subcolonies were censused separately for all surveys except
April 1978.

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	(2 islands) April 1978	July 1978
Brown Pelican	+	---	---	---	---
Great Blue Heron	25	5+	50-75	90-100	10-20+
Cattle Egret	---	---	100-150	150	150+
Great Egret	300	---	---	100	+
Snowy Egret	---	+	---	---	+
TOTALS	325+	5+	150-225	340-350	160-170+

COLONY NUMBER: 615030

COUNTY: Pinellas

COLONY NAME: John's Pass (Subcolony 2)

LAT. - LONG: 27°47' - 82°46'

TOWNSHIP: 31S RANGE: 15E SECTION: Small key adjacent to Crab Key 1/4 SECTION:

DESCRIPTION: Colony site: Coastal spoil island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	---	---	See Subcolony 1.	+
Great Egret	75-100	150-200		---
Snowy Egret	++	---		---
TOTALS	75-100+	150-200		+

COLONY NUMBER: 615031

COUNTY: Pinellas

COLONY NAME: Tarpon Key

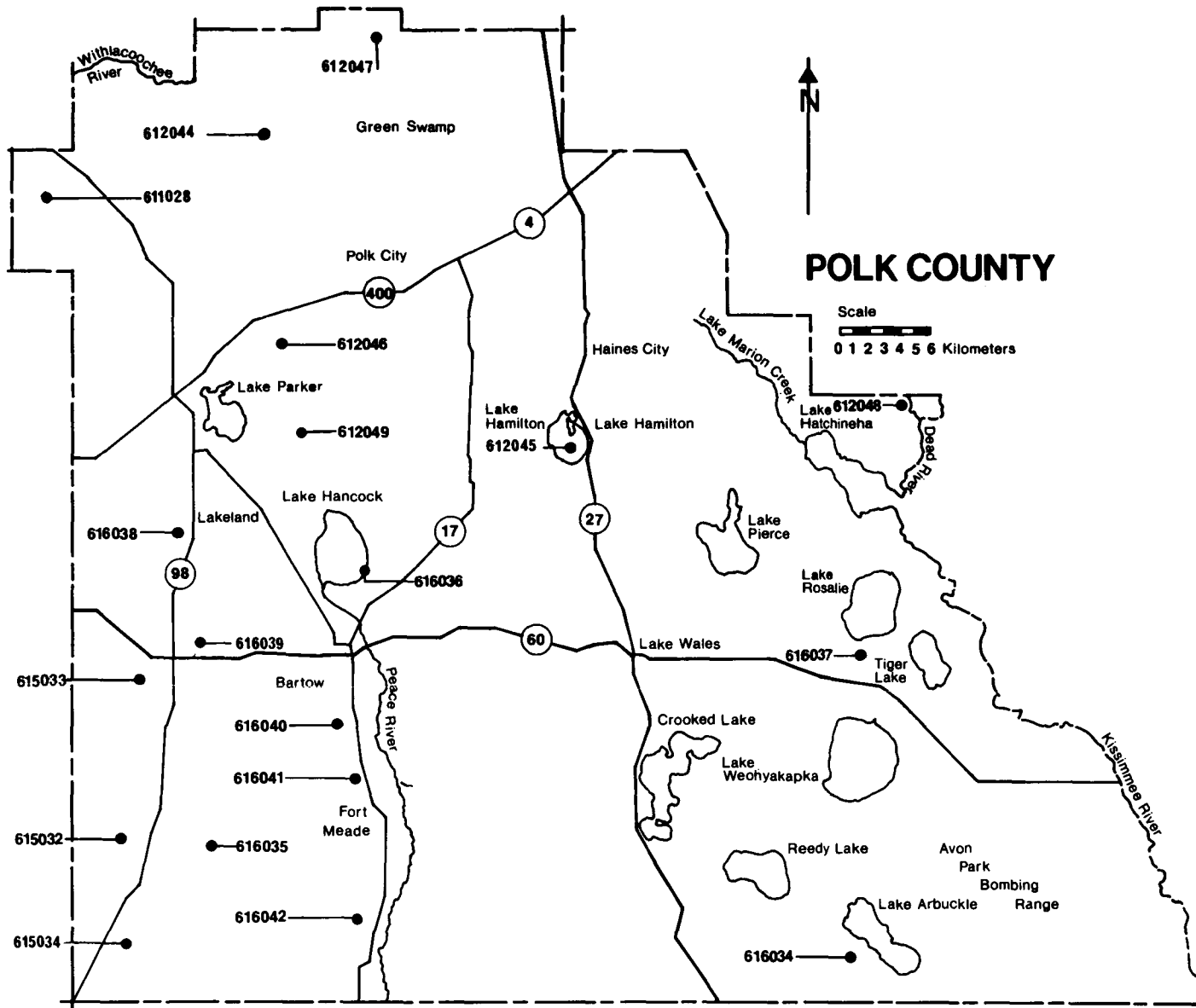
LAT. - LONG: 27°40' - 82°41'

TOWNSHIP: 32S RANGE: 16E SECTION: Tarpon Key 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	+	---	---	---	---
Great Blue Heron	100+	5-10	100	100	30+
Great Egret	10-15	75	25+	75-100	50-75
Yellow-crowned Night Heron	---	---	---	1	---
White Ibis	---	+	250	---	---
TOTALS	110-115+	80-85+	375+	176-201	80-105+



COLONY NUMBER: 611028

COUNTY: Polk

COLONY NAME: East of Zephyrhills

LAT. - LONG.: 28°14' - 82°05'

TOWNSHIP: 26S

RANGE: 22E

SECTION: 14

1/4 SECTION:

DESCRIPTION: Colony site: Small pond in cypress strand.
Habitat surrounding colony: Cypress.
Colony area: 0.1 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1977
Cattle Egret	200-300	empty
Great Egret	50	
TOTALS	250-350	0

COLONY NUMBER: 612044

COUNTY: Polk

COLONY NAME: Grass Creek

LAT. - LONG: 28°16' - 81°54'

TOWNSHIP: 25S

RANGE: 24E

SECTION: 34

1/4 SECTION: NW

DESCRIPTION: Colony site: Willowhead.
Habitat surrounding colony: Freshwater marsh and pasture.
Colony area: No data.
Nesting substrate: No data.
Proximity to human disturbance: No data.

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1978	July 1978
Cattle Egret	500-1000+*	empty	empty
TOTALS	500-1000+*	0	0

*non-nesting individuals; appeared to be rookery formation

COLONY NUMBER: 612045

COUNTY: Polk

COLONY NAME: Lake Hamilton

LAT. - LONG: 28°03 - 81°39'

TOWNSHIP: 28S

RANGE: 27E

SECTION: 18

1/4 SECTION: SE

DESCRIPTION:

Colony site: Island in lake.

Habitat surrounding colony: Herbaceous vegetation.

Colony area: 1976 - 0.7 ha 1978 - 1.8 ha

Nesting substrate: Willows and swamp shrubs on high ground in 1976 and over water in 1978.

Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Great Blue Heron	---	---	+	5-10	+
Little Blue Heron	---	++	---	++	+
Cattle Egret	1000±	4000	2500-3500	2000	2500
Great Egret	300	100±	50+	150+	+
Snowy Egret	---	++	---	---	---
Louisiana Heron	---	++	+	+	+
Glossy Ibis	++	+++	+	+	50+
White Ibis	500+	200+	1500++	1000	200-300
TOTALS	1800+	4300+	4050-5050+	3155-3160+	2750-2850+

COLONY NUMBER: 612046

COUNTY: Polk

COLONY NAME: Northeast of Lakeland

LAT. - LONG: 28°07' - 81°53'

TOWNSHIP: 27S

RANGE: 24E

SECTION: 23

1/4 SECTION:

DESCRIPTION: Colony site: Phosphate mine water impoundment.
Habitat surrounding colony: Willows.
Colony area: 1.8 ha
Nesting substrate: Willows at seasonally flooded site.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1977	April 1978	July 1978
Great Blue Heron	---	empty	25	---
Little Blue Heron	---		+++	---
Cattle Egret	4000		3000++	3000
Great Egret	100-150		100-150	---
Snowy Egret	++		---	---
White Ibis	---		200-300	+
TOTALS	4100-4150+	0	3325-3475+	3000+

COLONY NUMBER: 612047

COUNTY: Polk

COLONY NAME: Rattlesnake Ridge

LAT. - LONG: 28°20' - 81°49'

TOWNSHIP: 25S

RANGE: 25E

SECTION: 4

1/4 SECTION:

DESCRIPTION:

Colony site: Water impoundment.

Habitat surrounding colony: Dead and dying shrubs under sparse cypress.

Colony area: 0.8 ha

Nesting substrate: Dead and dying shrubs under sparse cypress, partially over water and partially over dry mud.

Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	July 1977	April 1978	July 1978
Little Blue Heron	50+	empty	empty	empty	empty
Cattle Egret	1200+				
TOTALS	1250+	0	0	0	0

COLONY NUMBER: 612048

COUNTY: Polk

COLONY NAME: Reedy Creek

LAT. - LONG: 28°05' - 81°23'

TOWNSHIP: 28S

RANGE: 29E

SECTION: 1

1/4 SECTION: N mid

DESCRIPTION: Colony site: Island in creek.
Habitat surrounding colony: Cypress along a creek and prairie pasture.
Colony area: 1.0 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1977	June 1977	April 1978	June 1978
Wood Stork	250	300+	275	200
TOTALS	250	300+	275	200

COLONY NUMBER: 612049

COUNTY: Polk

COLONY NAME: Saddle Creek

LAT. - LONG: 28°03' - 81°52'

TOWNSHIP: 28S RANGE: 24E SECTION: 12/13 1/4 SECTION: SW/NW

DESCRIPTION: Colony site: Cypress.
Habitat surrounding colony: Cypress and hardwood swamp.
Colony area: No data.
Nesting substrate: Dead and live cypress at a seasonally flooded site (dry in 1976; wet in 1978).
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	April 1978	July 1978
Great Blue Heron	50	55+	90	empty
TOTALS	50	55+	90	0

COLONY NUMBER: 615032

COUNTY: Polk

COLONY NAME: Brewster

LAT. - LONG: 27°45' - 82°01'

TOWNSHIP: 31S

RANGE: 23E

SECTION: 28

1/4 SECTION: SE

DESCRIPTION: Colony site: Phosphate mine water impoundment.
Habitat surrounding colony: Water and phosphate mines.
Colony area: 1976 - 0.8 ha, 1977 - 2.0 ha, 1978 - 1.7 ha
Nesting substrate: Dead cypress and willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	Ground check May 1977	July 1977	April 1978	July 1978
Double-crested Cormorant	++	55+	---	+	---
Anhinga	++	---	---	---	---
Great Blue Heron	---	+	---	25	---
Little Blue Heron	---	35	---	---	---
Cattle Egret	1500+	850	+	---	---
Great Egret	150-200	60	---	50	25-30
Snowy Egret	100+	170	---	---	---
Louisiana Heron	+	30	---	---	---
Wood Stork	---	250++(April)	250±	100+	100
TOTALS	1750-1800+	1450+ (including the Wood Storks counted in April)	250+	175+	125-130

COLONY NUMBER: 615033

COUNTY: Polk

COLONY NAME: Mulberry Sludge

LAT. - LONG: 27°53' - 82°00'

TOWNSHIP: 30S

RANGE: 23E

SECTION: 10

1/4 SECTION: SE

DESCRIPTION: Colony site: Water impoundment.
Habitat surrounding colony: Dead trees.
Colony area: 2.2 ha
Nesting substrate: Dead trees over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Double-crested Cormorant	---		+ empty	empty	empty
Anhinga	---		+		
Great Blue Heron	---	25			
Cattle Egret	---	100-150			
Great Egret	25-50+	150			
Wood Stork	450-500	50-100			
TOTALS	475-550+	325-425+	0	0	0

COLONY NUMBER: 615034

COUNTY: Polk

COLONY NAME: Payne Creek

LAT.- LONG: 27°41' - 82°01'

TOWNSHIP: 32S

RANGE: 23E

SECTION: 21

1/4 SECTION: NW

DESCRIPTION: Colony site: Water impoundment.
Habitat surrounding colony: Dead trees.
Colony area: 1976 - 1.4 ha 1978 - 0.8 ha
Nesting substrate: Dead trees over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978
Double-crested Cormorant	300-400	200+	empty	200+
Great Blue Heron	---	---		10-15
Cattle Egret	---	400+		---
Great Egret	10	50-75		---
Wood Stork	4	---		---
TOTALS	314-414	650-675+	0	210-215+

COLONY NUMBER: 616034

COUNTY: Polk

COLONY NAME: Bonnet Creek

LAT. - LONG: 27°41' - 81°25'

TOWNSHIP: 32S

RANGE: 29E

SECTION: 21

1/4 SECTION:

DESCRIPTION: Colony site: Island in a creek.
Habitat surrounding colony: Pine plantation.
Colony area: 0.4 ha
Nesting substrate: Bays over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1978
Cattle Egret	1000
TOTALS	1000

COLONY NUMBER: 616035

COUNTY: Polk

COLONY NAME: East of Brewster

LAT. - LONG: 27°45' - 81°57'

TOWNSHIP: 31S

RANGE: 24E

SECTION: 30

1/4 SECTION: SW

DESCRIPTION: Colony site: Series of small islands in water impoundment.
Habitat surrounding colony: Small dead trees and wax myrtle.
Colony area: 1.2 ha
Nesting substrate: Small dead trees and wax myrtle.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Great Blue Heron	10-15	---
Cattle Egret	---	+
Great Egret	200	100
Snowy Egret	25-50	---
TOTALS	235-265	100+

COLONY NUMBER: 616036

COUNTY: Polk

COLONY NAME: Lake Hancock

LAT. - LONG: 27°57' - 81°49'

TOWNSHIP: 29S

RANGE: 25E

SECTION: 16

1/4 SECTION: SW

DESCRIPTION: Colony site: Cypress along lake edge.
Habitat surrounding colony: Cypress strand, lake, and willow marsh.
Colony area: No data.
Nesting substrate: Cypress and willows over water.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	April 1977	April 1978
Great Blue Heron	20	8	45
TOTALS	20	8	45

COLONY NUMBER: 616037

COUNTY: Polk

COLONY NAME: Lake Rosalie

LAT. - LONG: 27°54' - 81°25'

TOWNSHIP: 30S

RANGE: 29E

SECTION: 3

1/4 SECTION: SW

DESCRIPTION: Colony site: Cypress along a creek.
Habitat surrounding colony: Swamp hardwoods.
Colony area: 0.4 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1977	June 1978
Great Egret	3-4	40
TOTALS	3-4	40

COLONY NUMBER: 616038

COUNTY: Polk

COLONY NAME: Lakeland Airport

LAT. - LONG: 27°59' - 81°58'

TOWNSHIP: 29S

RANGE: 23E

SECTION: 1

1/4 SECTION: NW

DESCRIPTION: Colony site: Phosphate mine water impoundment.
Habitat surrounding colony: Willows and hardwoods.
Colony area: 1976 - 1.2 ha 1978 - 0.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1977	April 1978	July 1978
Double-crested Cormorant	+	---	---	---
Anhinga	+	---	---	---
Cattle Egret	3000-3500	1000-1500	500+	1000
Great Egret	+	---	---	---
TOTALS	3000-3500+	1000-1500	500+	1000

COLONY NUMBER: 616039

COUNTY: Polk

COLONY NAME: Northeast of Mulberry
(Subcolony 2)

LAT. - LONG: 27°54' - 81°57'

TOWNSHIP: 30S RANGE: 24E SECTION: 6 1/4 SECTION: N mid

DESCRIPTION: Colony site: Island in phosphate mine water impoundment.
Habitat surrounding colony: Willows and wax myrtle.
Colony area: 1977 - 1.0 ha 1978 - 0.3 ha
Nesting substrate: Willows and wax myrtle over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977	April 1978	July 1978
Little Blue Heron	---	---	+	+
Cattle Egret	500-1000	500±	150	100
Louisiana Heron	---	+	+	---
TOTALS	500-1000	500+	150+	100+

COLONY NUMBER: 616040

COUNTY: Polk

COLONY NAME: South of Bartow

LAT. - LONG: 27°51' - 81°51'

TOWNSHIP: 30S

RANGE: 25E

SECTION: 30

1/4 SECTION: NE

DESCRIPTION: Colony site: Phosphate mine water impoundment.
Habitat surrounding colony: Willows, wax myrtle, and cattails.
Colony area: 1.6 ha
Nesting substrate: Willows and wax myrtle over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	July 1977	April 1978	July 1978
Anhinga	+	empty	empty	empty
Great Blue Heron	+			
Cattle Egret	2000			
Great Egret	150			
Snowy Egret	++			
Louisiana Heron	+			
TOTALS	2150+	0	0	0

COLONY NUMBER: 616041

COUNTY: Polk

COLONY NAME: Southwest of Homeland

LAT. - LONG: 27°48' - 81°50'

TOWNSHIP: 31S

RANGE: 25E

SECTION: 5

1/4 SECTION: SW

DESCRIPTION: Colony site: Water impoundment.
Habitat surrounding colony: Willows and marsh.
Colony area: 1977 - 4.0 ha 1978 - 5.0 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	April 1978	July 1978
Anhinga	+	---	---
Little Blue Heron	---	+	+
Cattle Egret	3000-4000	5000+	400
Great Egret	+	50	---
Snowy Egret	+	---	---
Louisiana Heron	+	++	---
Glossy Ibis	+	+	---
TOTALS	3000-4000+	5050+	400+

COLONY NUMBER: 616042

COUNTY: Polk

COLONY NAME: Widden Creek

LAT.- LONG: 27°42' - 81°49'

TOWNSHIP: 32S

RANGE: 25E

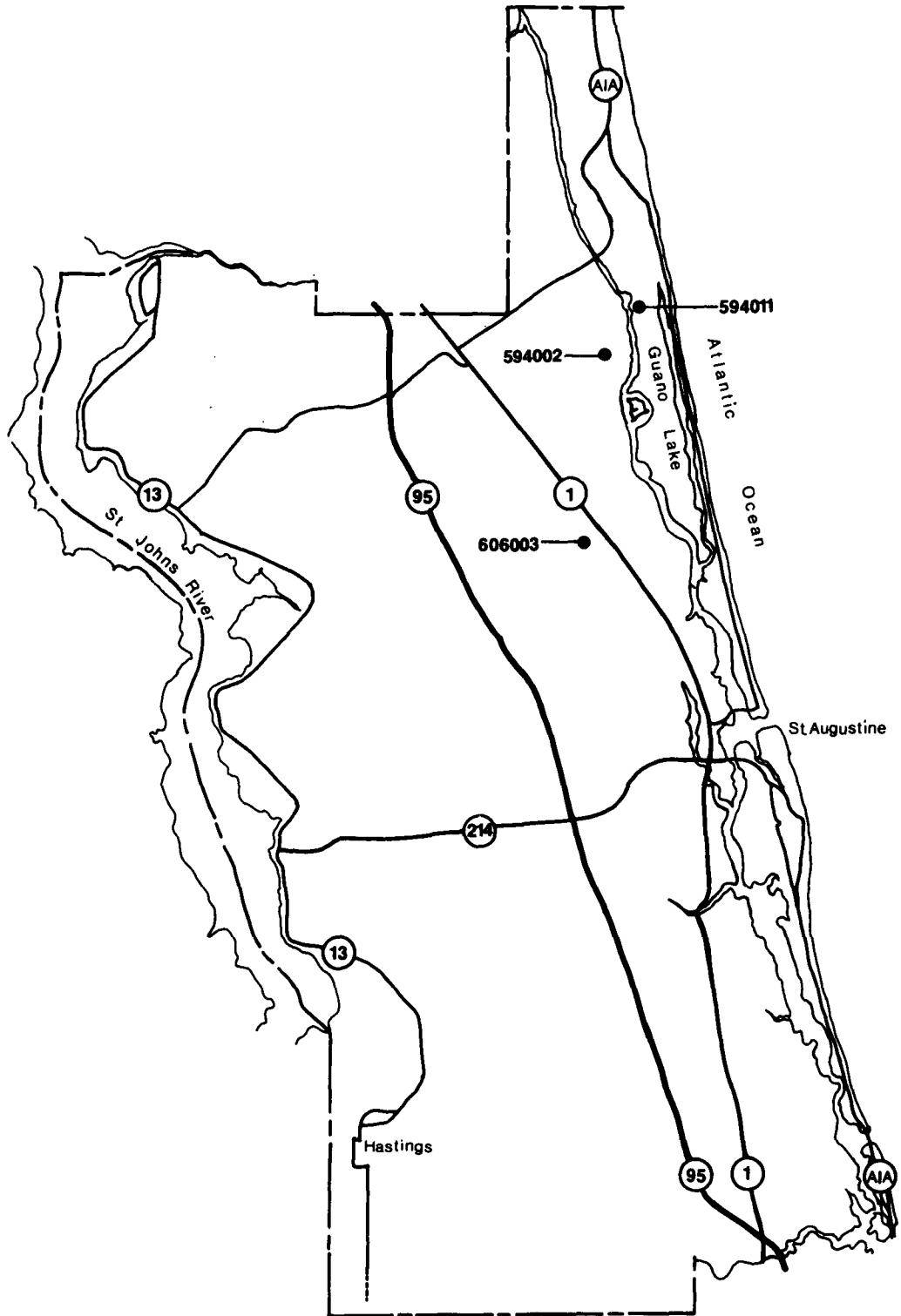
SECTION: 9

1/4 SECTION: SW

DESCRIPTION: Colony site: Water impoundment.
Habitat surrounding colony: Willows.
Colony area: 1977 - 1.8 ha April 1978 - 0.6 ha
July 1978 - 6.0 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	April 1978	July 1978
Great Blue Heron	---	---	+
Little Blue Heron	++	---	+
Cattle Egret	3000	+	8000
Great Egret	---	40	+
Snowy Egret	+	---	---
Louisiana Heron	++	---	+
Black-crowned Night Heron	---	---	+
Glossy Ibis	---	---	+
TOTALS	3000+	40+	8000+



ST JOHNS COUNTY

Scale



COLONY NUMBER: 594002

COUNTY: St. Johns

COLONY NAME: Cabbage Swamp

LAT. - LONG.: 30°05' - 81°23'

TOWNSHIP: 5S

RANGE: 29E

SECTION: 39

1/4 SECTION: S

DESCRIPTION: Colony site: Cypress.
Habitat surrounding colony: Cypress swamp.
Colony area: No data.
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978
Great Blue Heron	---	6	20	empty
Great Egret	---	10	---	
Wood Stork	45	30	---	
TOTALS	45	46	20	0

COLONY NUMBER: 594011

COUNTY: St. Johns

COLONY NAME: Tolomato

LAT. - LONG.: 30°07' - 81°22'

TOWNSHIP: 4S RANGE: 29E SECTION: 35 1/4 SECTION:

DESCRIPTION: Colony site: Cypress ring.
Habitat surrounding colony: Pines and palmetto.
Colony area: 1.6 ha
Nesting substrate: Cypress and bushes over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978	August 1978
Cattle Egret	300-500	40
Great Egret	25-35	12
Wood Stork	25	8
TOTALS	350-560	60

COLONY NUMBER: 606003

COUNTY: St. Johns

COLONY NAME: St. Marks Pond Swamp

LAT. - LONG.: 30°00' - 81°24'

TOWNSHIP: 6S

RANGE: 29E

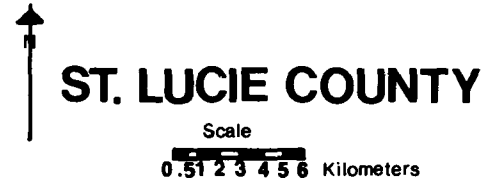
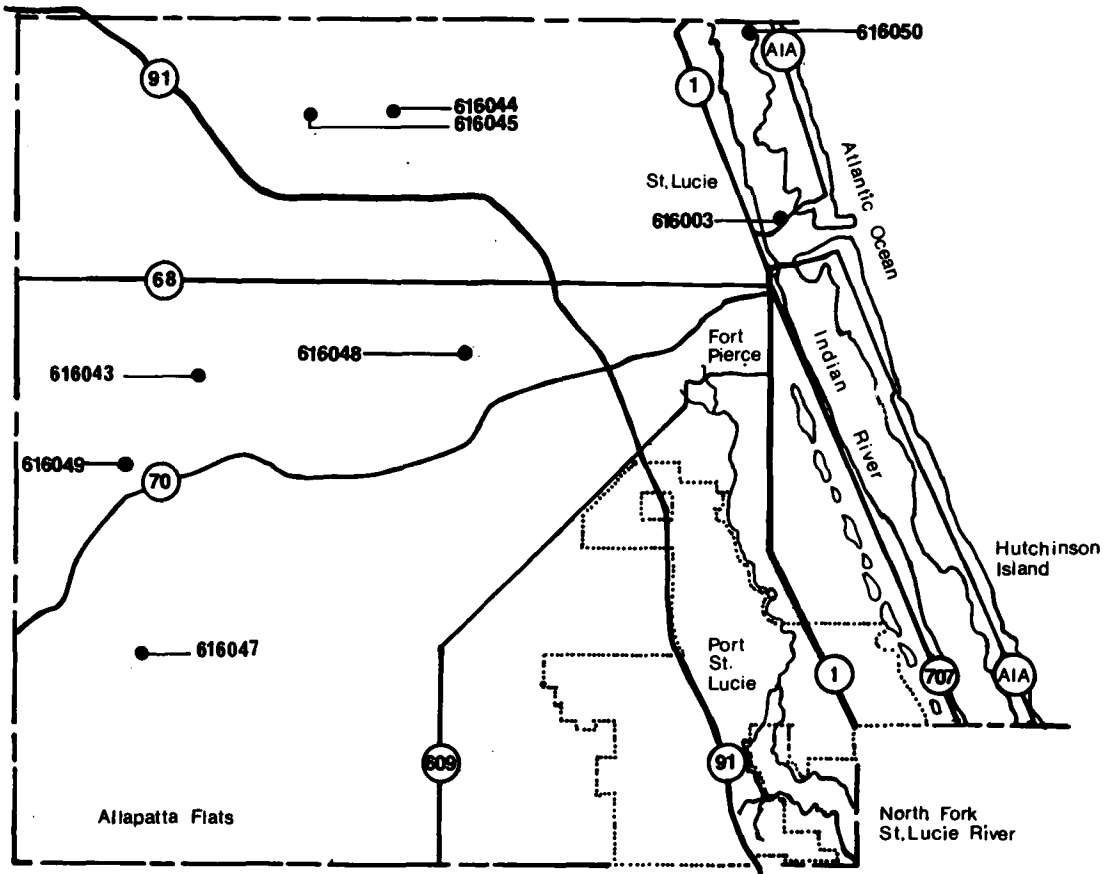
SECTION: 8/9

1/4 SECTION:

DESCRIPTION: Colony site: Willow pond.
Habitat surrounding colony: Swamp.
Colony area: No data.
Nesting substrate: Willows and wax myrtle over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978
Double-crested Cormorant	50	---	---	empty
Anhinga	50	---	---	
Great Blue Heron	---	---	2	
Little Blue Heron	50	---	---	
Cattle Egret	400	---	---	
Great Egret	100	6	---	
Louisiana Heron	50	---	---	
White Ibis	70	---	---	
TOTALS	770	6	2	0



COLONY NUMBER: 616003

COUNTY: St. Lucie

COLONY NAME: Fort Pierce Spoil

LAT. - LONG: 27°28' - 80°19'

TOWNSHIP: 34S

RANGE: 40E

SECTION: 34

1/4 SECTION:

DESCRIPTION: Colony site: Four spoil islands.
Habitat surrounding colony: Open water.
Colony area: 1976 - 2.0 ha 1977 - 2.8 ha
Nesting substrate: Mangroves and Schinus over water.
Proximity to human disturbance: <0.8 km

Note: Subcolonies were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	Ground check July 1976	Ground check April 1977	July 1977	April 1978	June 1978
Brown Pelican	147	75	200	150+	250	150+
Double-crested Cormorant	95	50	+	+	+	+
Anhinga	10	25	+	---	---	---
Great Blue Heron	---	10	50	---	30+	50
Little Blue Heron	---	---	50	---	---	---
Cattle Egret	805	1220	500	1000	---	1000
Great Egret	90	63	150	200	250	200
Snowy Egret	454	790	500	+	250	250
Louisiana Heron	468	605	500	250	150	500
Black-crowned Night Heron	13	20	---	10	---	---
Yellow-crowned Night Heron	3	---	---	---	---	---
White Ibis	350	435	100	1000	50	500
TOTALS	2435	3293	2050+	2610+	980+	2650+

COLONY NUMBER: 616043

COUNTY: St. Lucie

COLONY NAME: Adams Ranch Reservoir

LAT. - LONG: 27°25' - 80°36'

TOWNSHIP: 35S

RANGE: 37E

SECTION: 24

1/4 SECTION: SW

DESCRIPTION: Colony site: Water impoundment.
Habitat surrounding colony: Impounded freshwater marsh.
Colony area: 1.6 ha
Nesting substrate: Dead willows and wax myrtle.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check July 1978
Anhinga	25
Little Blue Heron	30
Cattle Egret	200
Great Egret	30
TOTALS	285

COLONY NUMBER: 616044

COUNTY: St. Lucie

COLONY NAME: Bel-Air

LAT. - LONG: 27°31' - 80°31'

TOWNSHIP: 34S

RANGE: 38E

SECTION: 14/15

1/4 SECTION:

DESCRIPTION: Colony site: Cypress and swamp hardwoods in a water impoundment.

Habitat surrounding colony: Cypress, marsh grass, and water.

Colony area: 1976 - 8.0 ha 1977 - 2.0 ha

Nesting substrate: Swamp hardwoods, cypress, and pond apples over water.

Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	June 1977	April 1978	June 1978
Little Blue Heron	---	---	---	50	---	---
Cattle Egret	---	500+	---	500	---	5000
Great Egret	250	50	100+	50	250	100
Snowy Egret	---	25	---	---	100	150+
Egret spp. (Cattle & Snowy)	---	---	100+	---	---	---
Louisiana Heron	---	25	---	---	---	50
TOTALS	250	600+	200+	600	350	5300+

COLONY NUMBER: 616045

COUNTY: St. Lucie

COLONY NAME: Coca Cola (Cloud Lake)

LAT. - LONG: 27°31' - 80°32'

TOWNSHIP: 34S

RANGE: 38E

SECTION: 16

1/4 SECTION: N

DESCRIPTION: Colony site: Cypress and swamp hardwoods in a water impoundment
Habitat surrounding colony: Cypress and marsh grass.
Colony area: 1976 - 1.2 ha 1977 - 2.0 ha
Nesting substrate: Swamp hardwoods, cypress and pond apples over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	June 1977	April 1978	June 1978
Anhinga	---	---	---	25	---	---
Cattle Egret	---	200	---	500	---	300+
Great Egret	75	100	150	100	50	25
Egret spp. (Cattle & Snowy)	---	---	100+	---	---	---
TOTALS	75	300	250+	625	50	325+

COLONY NUMBER: 616046

COUNTY: St. Lucie

COLONY NAME: Cowcreek Ranch

LAT. - LONG: Location unknown.

TOWNSHIP:

RANGE:

SECTION:

1/4 SECTION:

DESCRIPTION: Colony site: Island in a seasonal pond.
Habitat surrounding colony: Pine flatwoods.
Colony area: < 0.4 ha
Nesting substrate: Willows, cypress, elderberry and Baccharis
over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	June 1977	May 1978	June 1978
Cattle Egret	1500	empty	empty	empty	empty
Great Egret	250				
TOTALS	1750	0	0	0	0

COLONY NUMBER: 616047

COUNTY: St. Lucie

COLONY NAME: Cypress Creek (Subcolony 1)

LAT. - LONG: 27°17' - 80°37'

TOWNSHIP: 37S RANGE: 37E SECTION: 3

1/4 SECTION: N

DESCRIPTION: Colony site: Cypress dome in water impoundment.
Habitat surrounding colony: Cabbage palm hammock and marsh.
Colony area: 2.2 ha
Nesting substrate: Live and dead cypress over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	April 1977	June 1977	May 1978	June 1978
Great Egret	---	50	---	---	---
Wood Stork	40	150-200	300	250	75
TOTALS	40	200-250	300	250	75

COLONY NUMBER: 616047

COUNTY: St. Lucie

COLONY NAME: Cypress Creek (Subcolony 2)

LAT. - LONG: 27°17' - 80°37'

TOWNSHIP: 37S

RANGE: 37E

SECTION: 2

1/4 SECTION: W

DESCRIPTION: Colony site: Shrubs and trees lining flooded ditches.
Habitat surrounding colony: Marsh.
Colony area: 1976 - 0.2 ha 1977 - 4.0 ha
Nesting substrate: Willows, maples, wax myrtle, and elderberry
over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	June 1976	April 1977	June 1977	May 1978	June 1978
Anhinga	+	50	---	---	---	25
Little Blue Heron	50	75	50	100	+	+
Cattle Egret	500	2500	250+	2000	1500	1500
Great Egret	---	125	---	---	10	---
Snowy Egret	---	75	250+	---	500	---
Louisiana Heron	---	---	---	---	+	50
White Ibis	---	1250	---	---	---	---
TOTALS	550+	4075	550+	2100	2010+	1575+

COLONY NUMBER: 616048

COUNTY: St. Lucie

COLONY NAME: Nelson - 20

LAT. - LONG: 27°25' - 80°28'

TOWNSHIP: 35S RANGE: 39E SECTION: 17/19

1/4 SECTION:

DESCRIPTION: Colony site: Swamp pond.
Habitat surrounding colony: Pine flatwoods.
Colony area: 0.2 ha
Nesting substrate: Swamp hardwoods.
Proximity to human disturbance: < 0.8 km

Note: I-95 built through area by June 1977.

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	June 1977
Cattle Egret	150	empty
White Ibis	25	
TOTALS	175	0

COLONY NUMBER: 616049

COUNTY: St. Lucie

COLONY NAME: Okeechobee Road

LAT. - LONG: 27°22' - 80°38'

TOWNSHIP: 36S

RANGE: 37E

SECTION: 3/4

1/4 SECTION:

DESCRIPTION: Colony site: Cypress in a water impoundment.
Habitat surrounding colony: Cypress and sawgrass marsh.
Colony area: 0.8 ha
Nesting substrate: Cypress over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	May 1978	July 1978
Great Egret	15	empty
Wood Stork	20	
TOTALS	35	0

COLONY NUMBER: 616050

COUNTY: St. Lucie

COLONY NAME: Round Island Spoil

LAT. - LONG: 27°33' - 80°20'

TOWNSHIP: 34S

RANGE: 40E

SECTION: 4

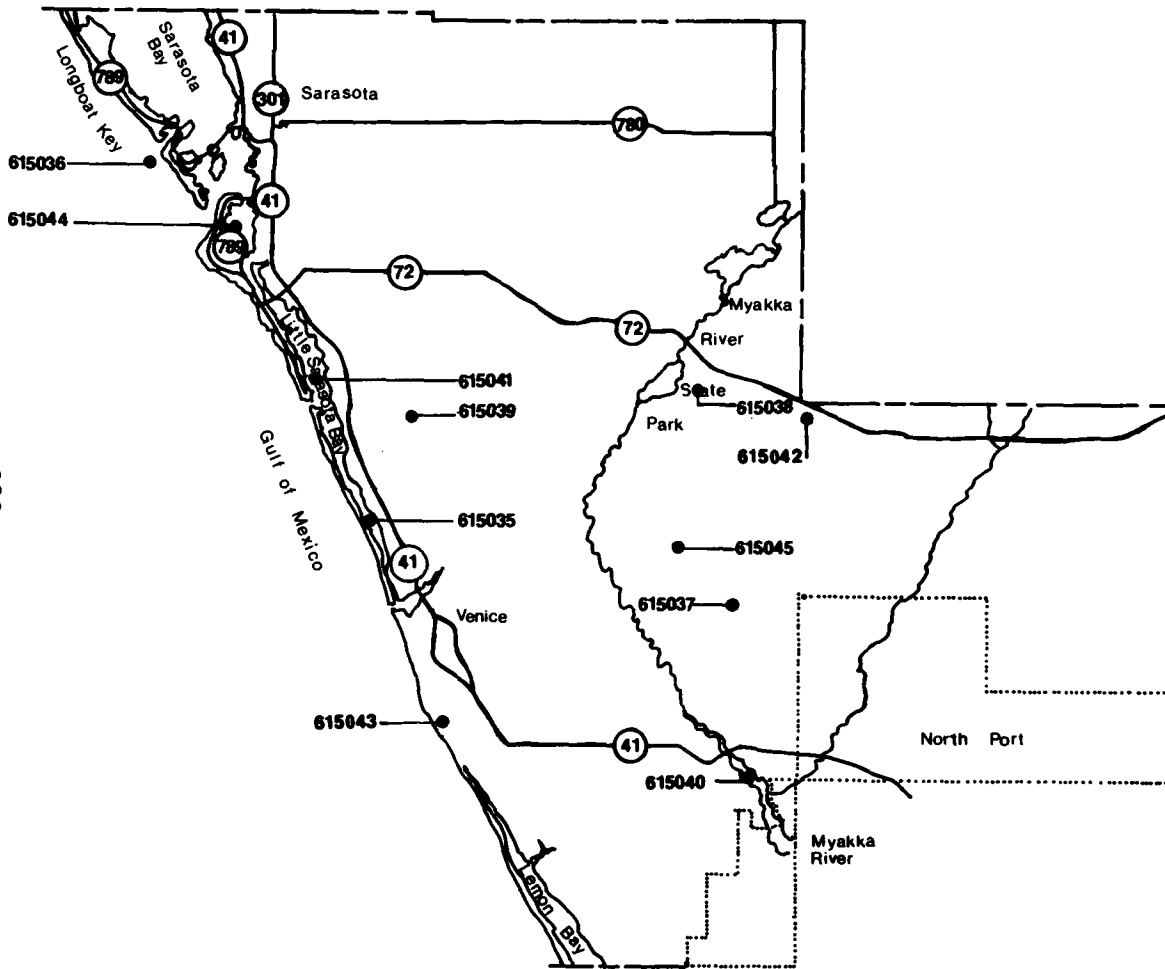
1/4 SECTION: NE

DESCRIPTION: Colony site: Coastal spoil island.
Habitat surrounding colony: Mangroves and water.
Colony area: 0.1 ha
Nesting substrate: Mangroves over high ground that is rarely flooded.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	April 1977	June 1977	April 1978	July 1978
Brown Pelican	---	empty	+	empty	empty	empty
Great Blue Heron	4		6			
TOTALS	4	0	6 +*	0	0	0

*uncertain if nesting



SARASOTA COUNTY

Scale
0.5 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 615035

COUNTY: Sarasota

COLONY NAME: Blackburn Bay

LAT. - LONG: 27°09' - 82°29'

TOWNSHIP: 38S RANGE: 18E SECTION: 23/26 1/4 SECTION: S/N

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: < 0.1 ha
Nesting substrate: Mangroves.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Great Blue Heron	5+	1
TOTALS	5+	1

COLONY NUMBER: 615036

COUNTY: Sarasota

COLONY NAME: City Island

LAT. - LONG: 27°19' - 82°36'

TOWNSHIP: 36S

RANGE: 17E

SECTION:

1/4 SECTION:

DESCRIPTION: Colony site: Inland island.
Habitat surrounding colony: No data.
Colony area: 1.0 ha
Nesting substrate: Mixed trees.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976
Double-crested Cormorant	10
Great Blue Heron	8
TOTALS	18

COLONY NUMBER: 615037

COUNTY: Sarasota

COLONY NAME: East of Manhattan Farms

LAT. - LONG: 27°07' - 82°18'

TOWNSHIP: 39S

RANGE: 20E

SECTION: 3

1/4 SECTION:

DESCRIPTION: Colony site: Willow island in pond.
Habitat surrounding colony: Marshy pond.
Colony area: 0.1 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Anhinga	+	---
Great Blue Heron	3-4	---
Cattle Egret	---	50
Great Egret	30	---
TOTALS	33+	50

COLONY NUMBER: 615038

COUNTY: Sarasota

COLONY NAME: Lower Myakka Lake

LAT. - LONG: 27°13' - 82°19'

TOWNSHIP: 37S

RANGE: 20E

SECTION: 33

1/4 SECTION: S mid

DESCRIPTION: Colony site: Willow pond.
Habitat surrounding colony: Willows and hardwoods
Colony area: 0.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	July 1977	April 1978
Cattle Egret	75-100	empty	empty
Great Egret	25		
TOTALS	100-125	0	0

COLONY NUMBER: 615039

COUNTY: Sarasota

COLONY NAME: Nokomis

LAT. - LONG: 27°12' - 82°27'

TOWNSHIP: 38S RANGE: 18E SECTION: 1 1/4 SECTION: NE

DESCRIPTION: Colony site: Marshy impoundment.
Habitat surrounding colony: Marshy ponds and buildings
Colony area: 0.1 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978
Cattle Egret	30-40
TOTALS	30-40

COLONY NUMBER: 615040

COUNTY: Sarasota

COLONY NAME: North Port Charlotte

LAT. - LONG: 27°02' - 82°17'

TOWNSHIP: 39S

RANGE: 20E

SECTION: 35

1/4 SECTION:

DESCRIPTION: Colony site: Island in river.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Mangroves over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Anhinga	+	---	---	---	---
Great Blue Heron	1	---	+	5	---
Cattle Egret	100	300-500	++	50+	300+
Great Egret	---	50-100	150+	200	50
Snowy Egret	200	200+	50++	50+	25+
Louisiana Heron	+	+	++	---	+
Yellow-crowned Night Heron	---	---	---	---	+
TOTALS	301+	550-800+	200+	305+	375+

COLONY NUMBER: 615041

COUNTY: Sarasota

COLONY NAME: Osprey

LAT. - LONG: 27°13' - 82°31'

TOWNSHIP: 37S

RANGE: 18E

SECTION: 33

1/4 SECTION: N

DESCRIPTION: Colony site: Two non-barrier coastal islands (one spoil).
Habitat surrounding colony: Water.
Colony area: 0.3 ha
Nesting substrate: Mangroves over water.
Proximity to human disturbance: < 0.8 km

Note: Subcolonies were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	75-100	+	++	50	---
Double-crested Cormorant	+	---	++	---	---
Great Blue Heron	---	---	---	+	+
Cattle Egret	---	---	---	50	+
Great Egret	80	50-75	150±	100-150	100
Snowy Egret	---	---	++	---	100+
TOTALS	155-180+	50-75+	150+	200-250+	200+

COLONY NUMBER: 615042

COUNTY: Sarasota

COLONY NAME: Powerline

LAT. - LONG: 27°12' - 82°15'

TOWNSHIP: 38S

RANGE: 21E

SECTION: 6

1/4 SECTION: Mid

DESCRIPTION: Colony site: Buttonbush in a marshy pond.
Habitat surrounding colony: Marshy pond.
Colony area: 0.1 ha
Nesting substrate: Buttonbush over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1978
Little Blue Heron	25+
Cattle Egret	150
TOTALS	175+

COLONY NUMBER: 615043

COUNTY: Sarasota

COLONY NAME: Red Lake

LAT. - LONG: 27°03' - 82°27'

TOWNSHIP: 39S

RANGE: 19E

SECTION: 30

1/4 SECTION: NW

DESCRIPTION:

Colony site: Island in lake.

Habitat surrounding colony: Water.

Colony area: <0.1 ha

Nesting substrate: Mangroves over water.

Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	July 1978
Brown Pelican	++	+	++	empty	empty
Double-crested Cormorant	+	---	+	(birds were	
Cattle Egret	5-10*	50-100	---	nesting here	
Great Egret	75	50±	150±	in March)	
Snowy Egret	+++	---	+		
TOTALS	75+ 5-10* +++	100-150+	150+	0	0

*non-nesting individuals

**uncertain if nesting

COLONY NUMBER: 615044

COUNTY: Sarasota

COLONY NAME: Robert's Bay

LAT. - LONG: 27°17' - 82°33'

TOWNSHIP: 37S

RANGE: 17E

SECTION: 1

1/4 SECTION:

DESCRIPTION: Colony site: Coastal spoil island.
Habitat surrounding colony: Water.
Colony area: 0.2 ha
Nesting substrate: Mangroves over high ground.
Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Brown Pelican	+	---	---	+
Great Blue Heron	---	3-5	15	20
Cattle Egret	---	---	+	---
Great Egret	---	---	10-15	100+
Snowy Egret	---	---	---	100
Egret spp. (Cattle, Great & Snowy)	300-500	---	---	---
TOTALS	300-500+	3-5	25-30+	220+

COLONY NUMBER: 615045

COUNTY: Sarasota

COLONY NAME: Southeast of Shineytown

LAT. - LONG: 27°09' - 82°19'

TOWNSHIP: 38S

RANGE: 20E

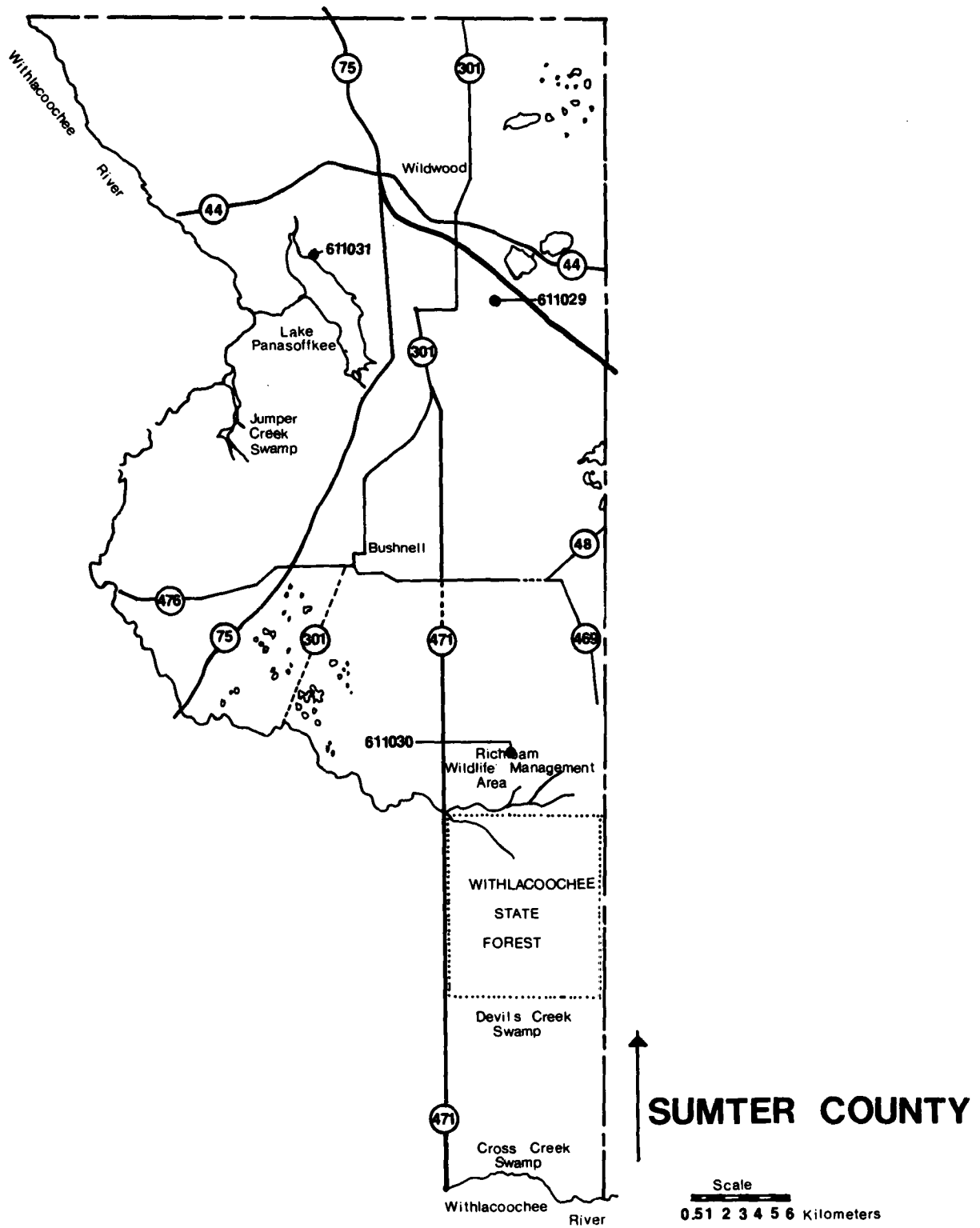
SECTION: 28/29

1/4 SECTION:

DESCRIPTION: Colony site: Willows in marshy pond.
Habitat surrounding colony: Marshy pond and freshwater marsh.
Colony area: 0.2 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1978
Little Blue heron	+
Cattle Egret	300+
Louisiana Heron	+
TOTALS	300+



COLONY NUMBER: 611029

COUNTY: Sumter

COLONY NAME: Bamboo (Hogeye Sink)

LAT. - LONG.: 28°48' - 82°01'

TOWNSHIP: 19S

RANGE: 23E

SECTION: 28

1/4 SECTION: SW

DESCRIPTION:

Colony site: Willow pond.

Habitat surrounding colony: Willows, freshwater marsh, and pasture

Colony area: 1976 - 0.6 ha 1978 - 1.0 ha

Nesting substrate: Willows over water.

Proximity to human disturbance: < 0.8 km (highway)

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977	April 1978	July 1978
Anhinga	+	---	---	empty
Great Blue Heron	---	1-5	2	
Little Blue Heron	---	---	+	
Cattle Egret	1500-2000	3500+	4000	
Great Egret	+	5-10	5-10	
TOTALS	1500-2000+	3506-3515+	4007-4012+	0

COLONY NUMBER: 611030

COUNTY: Sumter

COLONY NAME: Merritt Pond

LAT. - LONG.: 28°33' - 82°01'

TOWNSHIP: 22S

RANGE: 23E

SECTION: 21

1/4 SECTION:

DESCRIPTION: Colony site: Swamp hardwoods and shrubs in pond.
Habitat surrounding colony: Maple strand and freshwater marsh.
Colony area: 0.4 ha
Nesting substrate: Maples, willows, and elderberry over water.
Proximity to human disturbance: <0.8 km

Note: Colony in 2 parts; subcolonies were not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	April 1978	July 1978
Cattle Egret	600-700	700
White Ibis	+	150
TOTALS	600-700+	850

COLONY NUMBER: 611031

COUNTY: Sumter

COLONY NAME: Panasoffkee

LAT. - LONG.: 28°50' - 82°08'

TOWNSHIP: 19S

RANGE: 22E

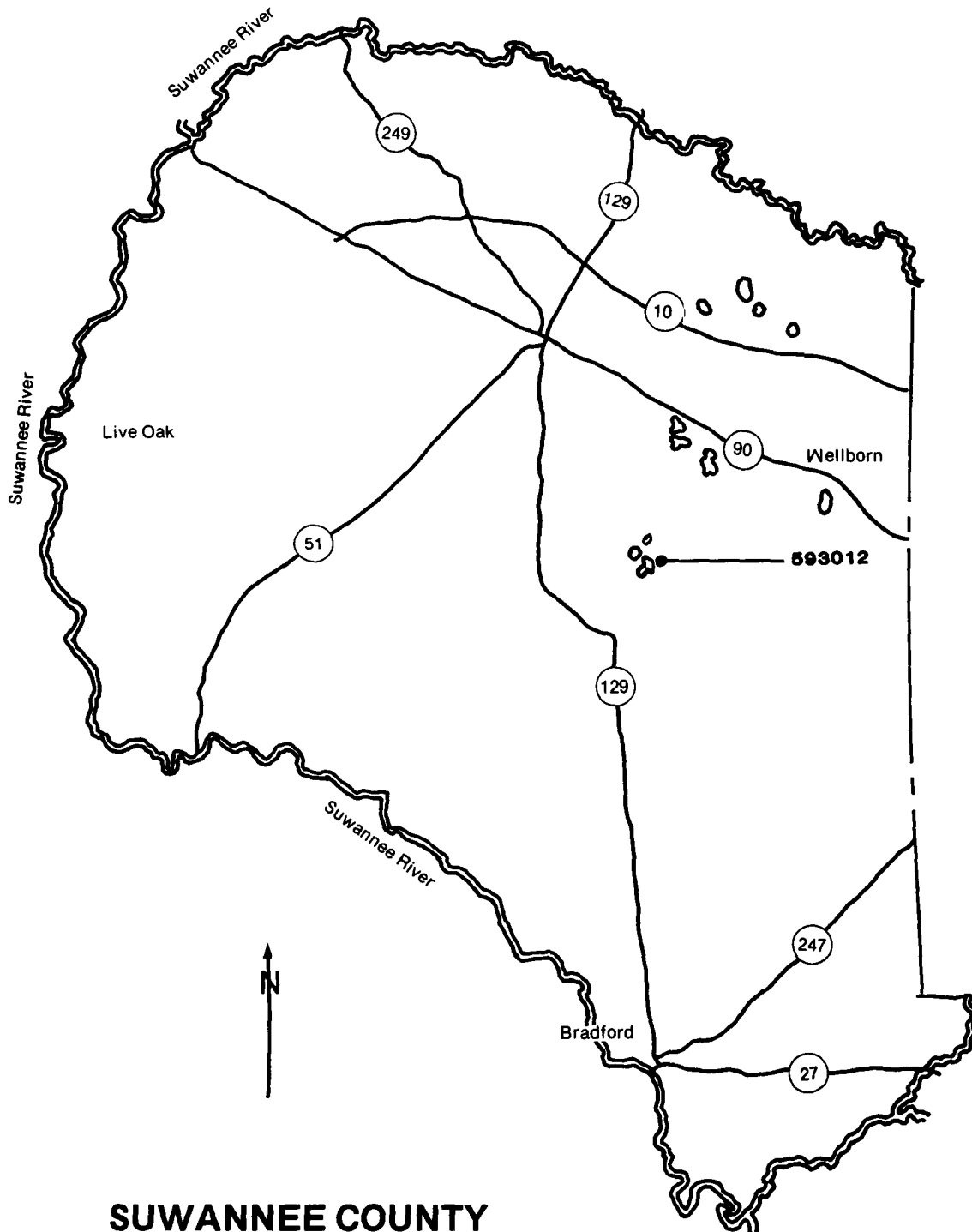
SECTION: 17

1/4 SECTION: SW

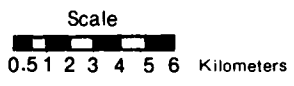
DESCRIPTION: Colony site: Three large flat-topped cypress.
Habitat surrounding colony: Cypress along creek and edge of lake.
Colony area: No data.
Nesting substrate: Cypress over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978
Great Blue Heron	5	empty
Wood Stork	38-40 (plus 10-12 empty nests)	
TOTALS	43-45	0



SUWANNEE COUNTY



COLONY NUMBER: 593012

COUNTY: Suwannee

COLONY NAME: Buttonbush Pond

LAT. - LONG.: 30°11' - 82°56'

TOWNSHIP: 3S

RANGE: 14E

SECTION: 28

1/4 SECTION: SW

DESCRIPTION:

Colony site: Island in pond.

Habitat surrounding colony: Buttonbush around edge of pond in hardwoods.

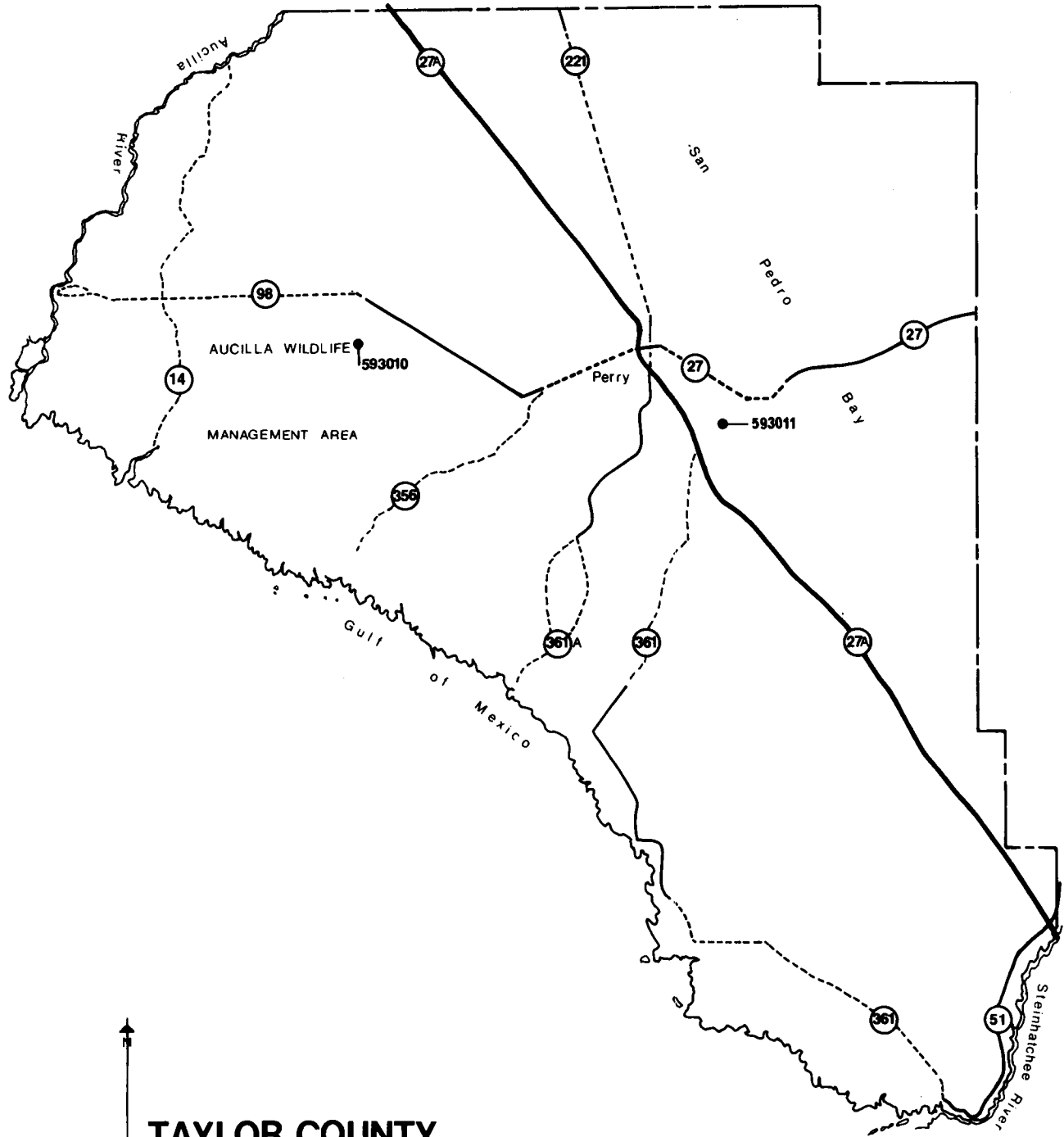
Colony area: 2.0 ha

Nesting substrate: Buttonbush over water.

Proximity to human disturbance: <0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	July 1977	April 1978	August 1978
Cattle Egret	1500+	empty	350
TOTALS	1500+	0	350



TAYLOR COUNTY

Scale
 0.5 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 593010

COUNTY: Taylor

COLONY NAME: Aucilla

LAT. - LONG.: 30°07' - 83°47'

TOWNSHIP: 4S

RANGE: 5/6

SECTION: 19/30/25

1/4 SECTION:

DESCRIPTION: Colony site: Large flattop cypress and willows.
Habitat surrounding colony: Cypress swamp.
Colony area: 0.4 ha
Nesting substrate: Cypress and willows over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1977	April 1978	August 1978
Great Blue Heron	12	empty	empty
Cattle Egret	50		
Great Egret	75		
TOTALS	137	0	0

COLONY NUMBER: 593011

COUNTY: Taylor

COLONY NAME: Perry

LAT. - LONG.: 30°04' - 83°33'

TOWNSHIP: 5S

RANGE: 8E

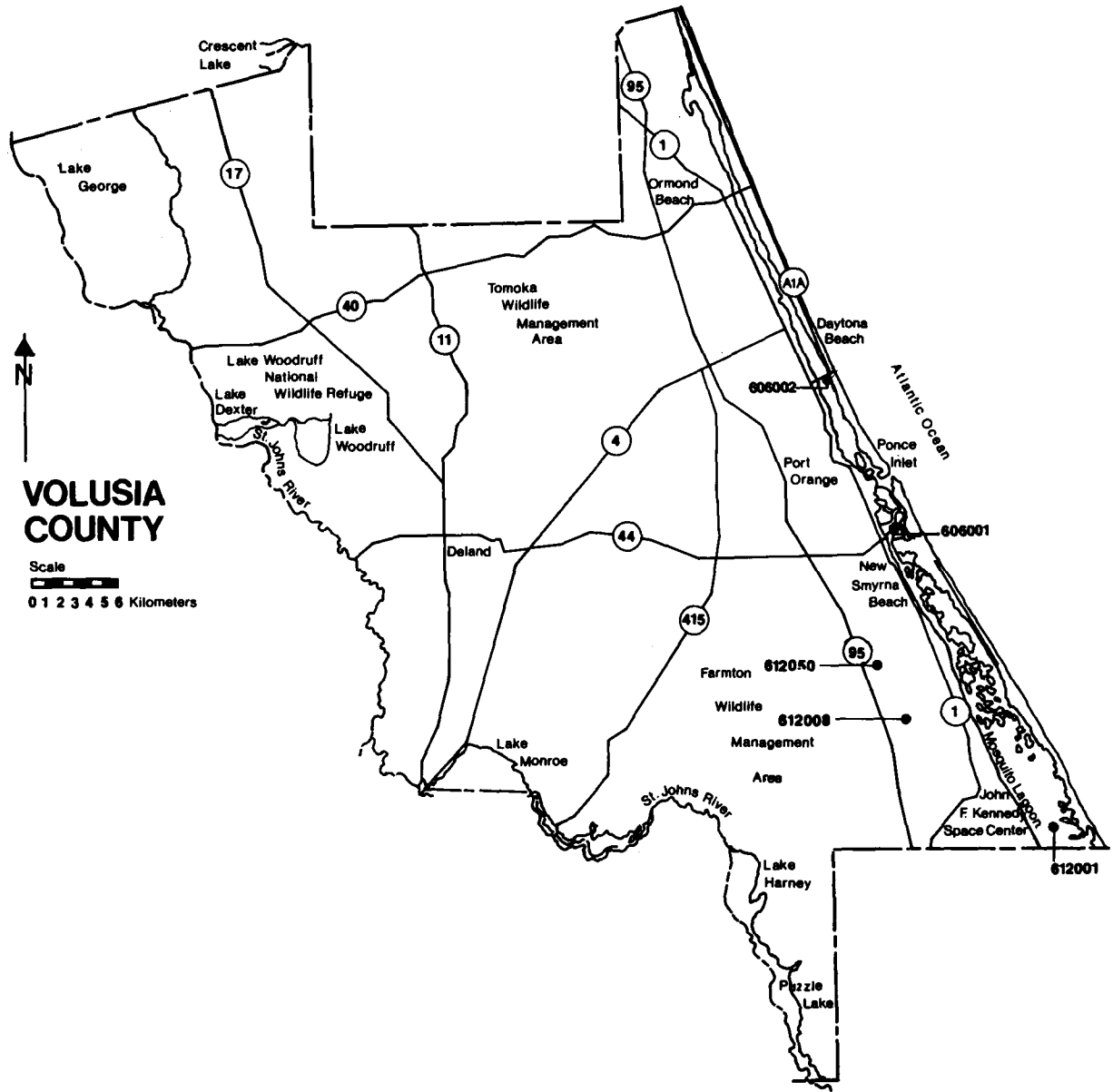
SECTION: 5

1/4 SECTION: S

DESCRIPTION: Colony site: Island in water impoundment.
Habitat surrounding colony: Open fields and pasture in urban area.
Colony area: 0.4 ha
Nesting substrate: Willows over water.
Proximity to human disturbance: < 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	August 1978
Cattle Egret	200
TOTALS	200



VOLUSIA COUNTY

Scale
0 1 2 3 4 5 6 Kilometers

COLONY NUMBER: 606001

COUNTY: Volusia

COLONY NAME: New Smyrna Beach

LAT. - LONG.: 29°02' - 80°55'

TOWNSHIP: 17S

RANGE: 34E

SECTION: 17

1/4 SECTION:

DESCRIPTION: Colony site: Coastal spoil islands.
Habitat surrounding colony: Water.
Colony area: 0.4 ha
Nesting substrate: Mangroves at seasonally flooded site.
Proximity to human disturbance: <0.8 km

Note: Colony was on 2 islands in July 1977; data combined for that census.

SPECIES COMPOSITION (number of nesting pairs):

	May 1976	Ground check June 1976	April 1977	Ground check July 1977	July 1978
Brown Pelican	35	35*	---	---	Colony active but not censused
Great Blue Heron	---	---	+	---	
Little Blue Heron	---	---	300	50	
Cattle Egret	700	300	500	150+	
Great Egret	75	20	300	12	
Louisiana Heron	---	60	100	50	
Black-crowned Night Heron	---	6	---	+	
White Ibis	---	230	400	85	
TOTALS	810	616 35*	1600+	347+	

*non-nesting individuals

COLONY NUMBER: 606002

COUNTY: Volusia

COLONY NAME: Port Orange

LAT. - LONG.: 29°09' - 80°59'

TOWNSHIP: 16S

RANGE: 33E

SECTION: 2

1/4 SECTION:

DESCRIPTION: Colony site: Coastal spoil islands.
Habitat surrounding colony: Water.
Colony area: 1.6 ha
Nesting substrate: Mangroves at seasonally flooded site.
Proximity to human disturbance: <0.8 km

Note: Colony was on two islands in April 1977; not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	Ground check July 1976	April 1977	August 1978
Brown Pelican	350	80	550-600	700
Double-crested Cormorant	---	30	200	---
Great Blue Heron	---	---	50	---
Little Blue Heron	50	25	---	---
Cattle Egret	200	225	200+	1500±
Great Egret	100	6	300++	---
Snowy Egret	---	10	---	---
Louisiana Heron	50	25	---	---
Black-crowned Night Heron	---	20	---	---
White Ibis	---	---	+	---
TOTALS	750	421	1300-1350+	2200±

COLONY NUMBER: 612001

COUNTY: Volusia

COLONY NAME: Mosquito Lagoon
(Bird Island)

LAT. - LONG.: 28°49' - 80°46'

TOWNSHIP: 19S RANGE: 35E SECTION: Bird Island 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal island.
Habitat surrounding colony: Water.
Colony area: 2.4 ha
Nesting substrate: Mangroves at seasonally flooded site.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	Ground check May 1976	Ground check July 1976	April 1977	April 1978	August 1978
Brown Pelican	338	35	450	Colony active but not censused	200-300
Double-crested Cormorant	175	80	---		---
Great Blue Heron	40	---	400		---
Little Blue Heron	---	20	---		---
Cattle Egret	275	180	---		---
Great Egret	80	50	650		25-40 ⁺
Snowy Egret	50	35	---		---
Louisiana Heron	135	60	---		---
Black-crowned Night Heron	25	30	---		---
TOTALS	1118	490	1500		225-340+

COLONY NUMBER: 612008

COUNTY: Volusia

COLONY NAME: West of Edgewater

LAT. - LONG.: 28°54' - 80°54'

TOWNSHIP: 18S

RANGE: 34E

SECTION: 27

1/4 SECTION:

DESCRIPTION: Colony site: Large flattop cypress.
Habitat surrounding colony: Cypress and pine flatwoods.
Colony area: No data.
Nesting substrate: Cypress over water.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	April 1977	April 1978	July 1978
Great Blue Heron	empty	empty	60	empty	empty
TOTALS	0	0	60	0	0

COLONY NUMBER: 612050

COUNTY: Volusia

COLONY NAME: Turnbull Slough

LAT. - LONG: 28°56' - 80°55'

TOWNSHIP: 18S

RANGE: 34E

SECTION: 16

1/4 SECTION:

DESCRIPTION:

Colony site: Large flattop cypress.

Habitat surrounding colony: Cypress.

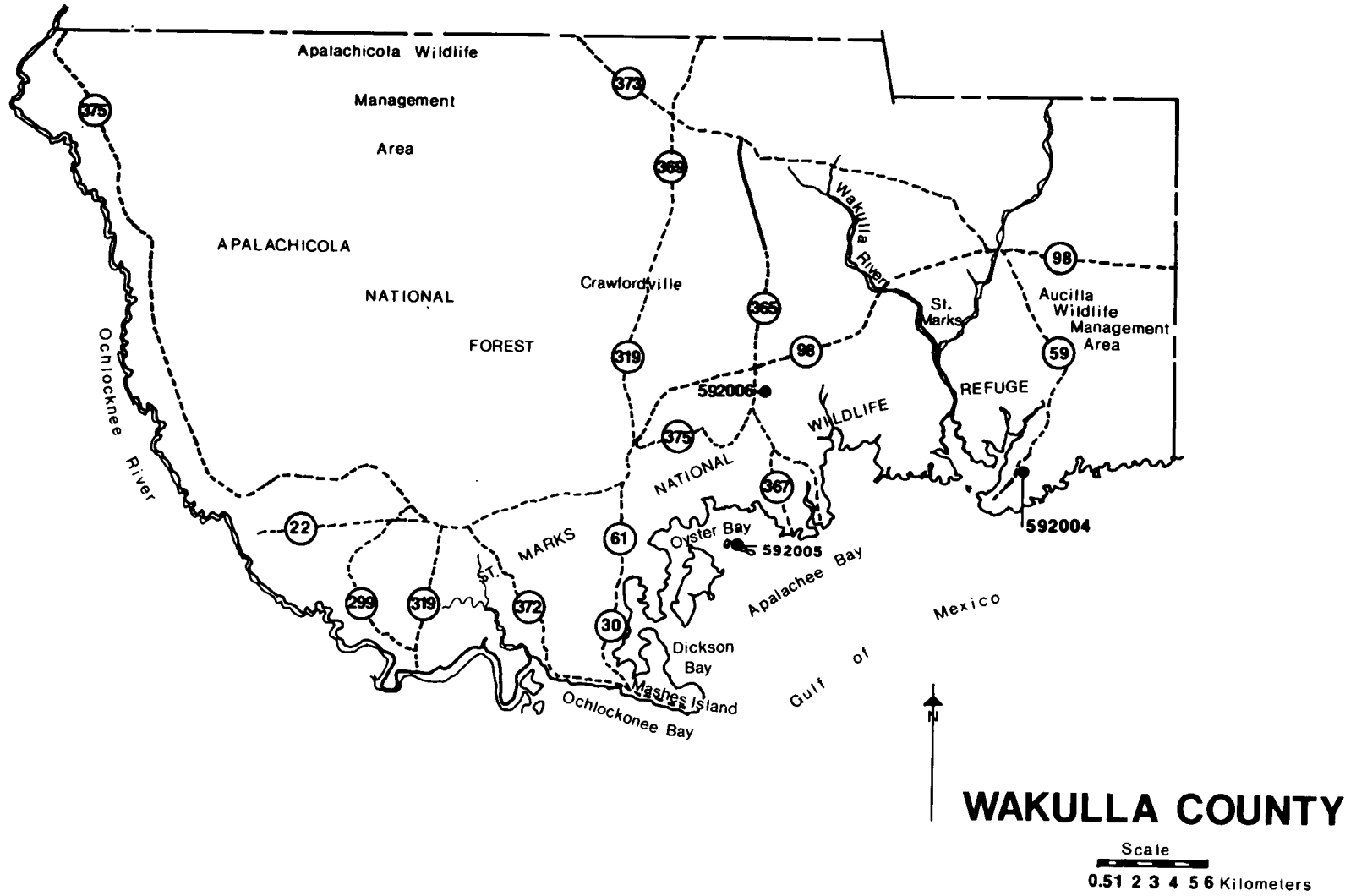
Colony area: 8.0 ha

Nesting substrate: Cypress at seasonally flooded site.

Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	July 1977	April 1978	August 1978
Great Blue Heron	18	1	50	empty	+	empty
Great Egret	---	2	50		---	
Wood Stork	50	3	350-400		---	
TOTALS	68	6	450-500	0	+	0



COLONY NUMBER: 592004

COUNTY: Wakulla

COLONY NAME: Headquarters Pond -
St. Marks

LAT. - LONG.: 30°05' - 84°10'

TOWNSHIP: 4S

RANGE: 2E

SECTION: 31

1/4 SECTION:

DESCRIPTION: Colony site: Island in pond.
Habitat surrounding colony: Water and freshwater marsh.
Colony area: 0.2 ha
Nesting substrate: Shrubs.
Proximity to human disturbance: > 0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	June 1976	April 1977
Great Blue Heron	1	empty
Great Egret	10	
TOTALS	11	0

COLONY NUMBER: 592005

COUNTY: Wakulla

COLONY NAME: Apalachee Bay

LAT. - LONG.: 30°03' - 84°19'

TOWNSHIP: 5S RANGE: 1W SECTION: Palmetto and Smith Islands 1/4 SECTION:

DESCRIPTION: Colony site: Non-barrier coastal islands.
Habitat surrounding colony: Water.
Colony area: 1.2 ha
Nesting substrate: Salt bush and herbaceous vegetation at
seasonally flooded site.
Proximity to human disturbance: > 0.8 km

Note: Colony on two islands; not censused separately.

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	June 1976	April 1977	April 1978	August 1978
Little Blue Heron	---	20	---	---	---
Cattle Egret	---	50	---	50	6
Great Egret	12	20	125	100	---
Snowy Egret	30	20	---	---	---
Louisiana Heron	50	25	200	70	---
Black-crowned Night Heron	6	12	50	---	---
TOTALS	98	147	375	220	6

COLONY NUMBER: 592006

COUNTY: Wakulla

COLONY NAME: Panacea - St. Marks

LAT. - LONG.: 30°08 ' - 84°18'

TOWNSHIP: 4S

RANGE: 1W

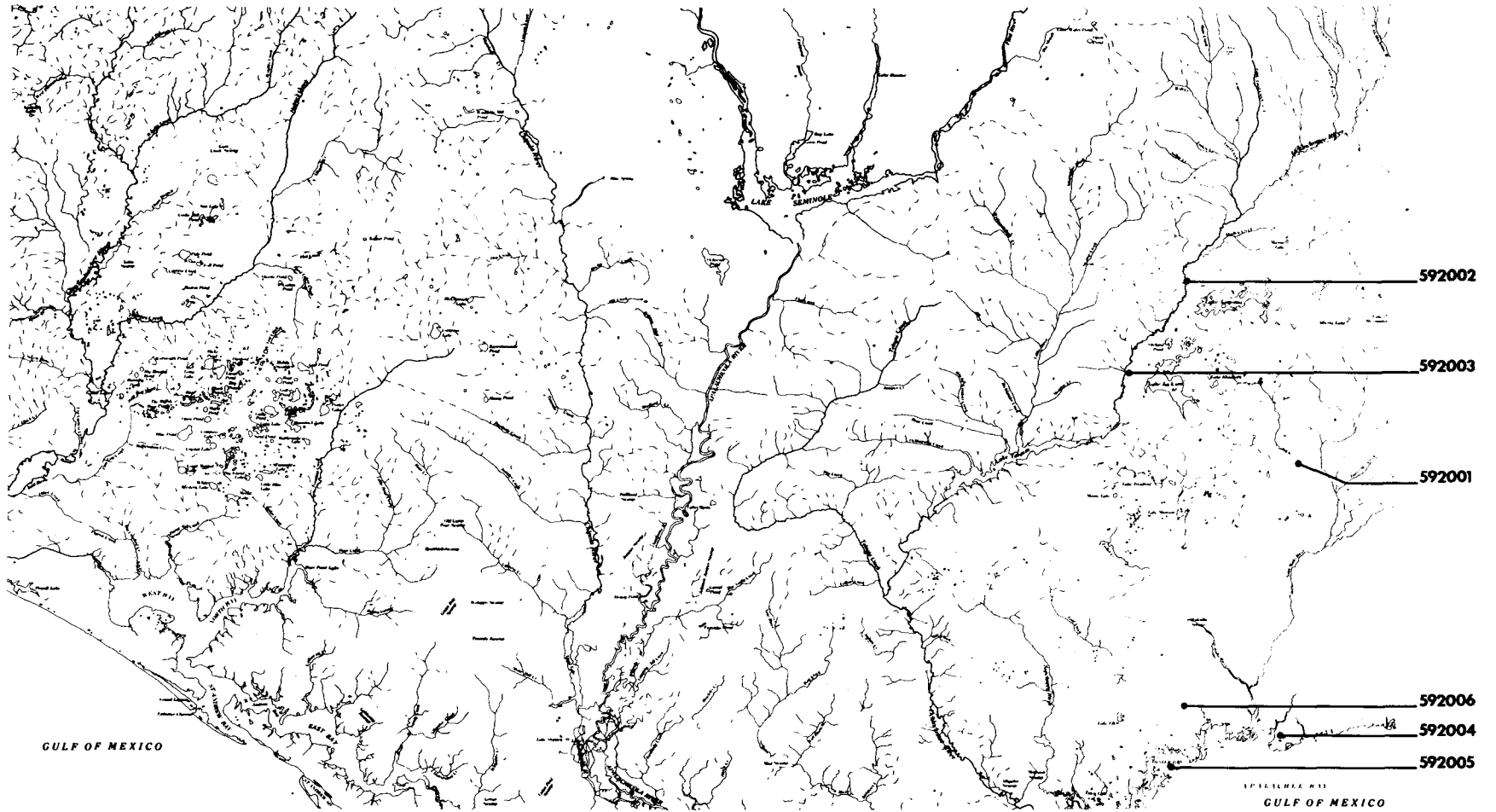
SECTION: 48

1/4 SECTION: NE

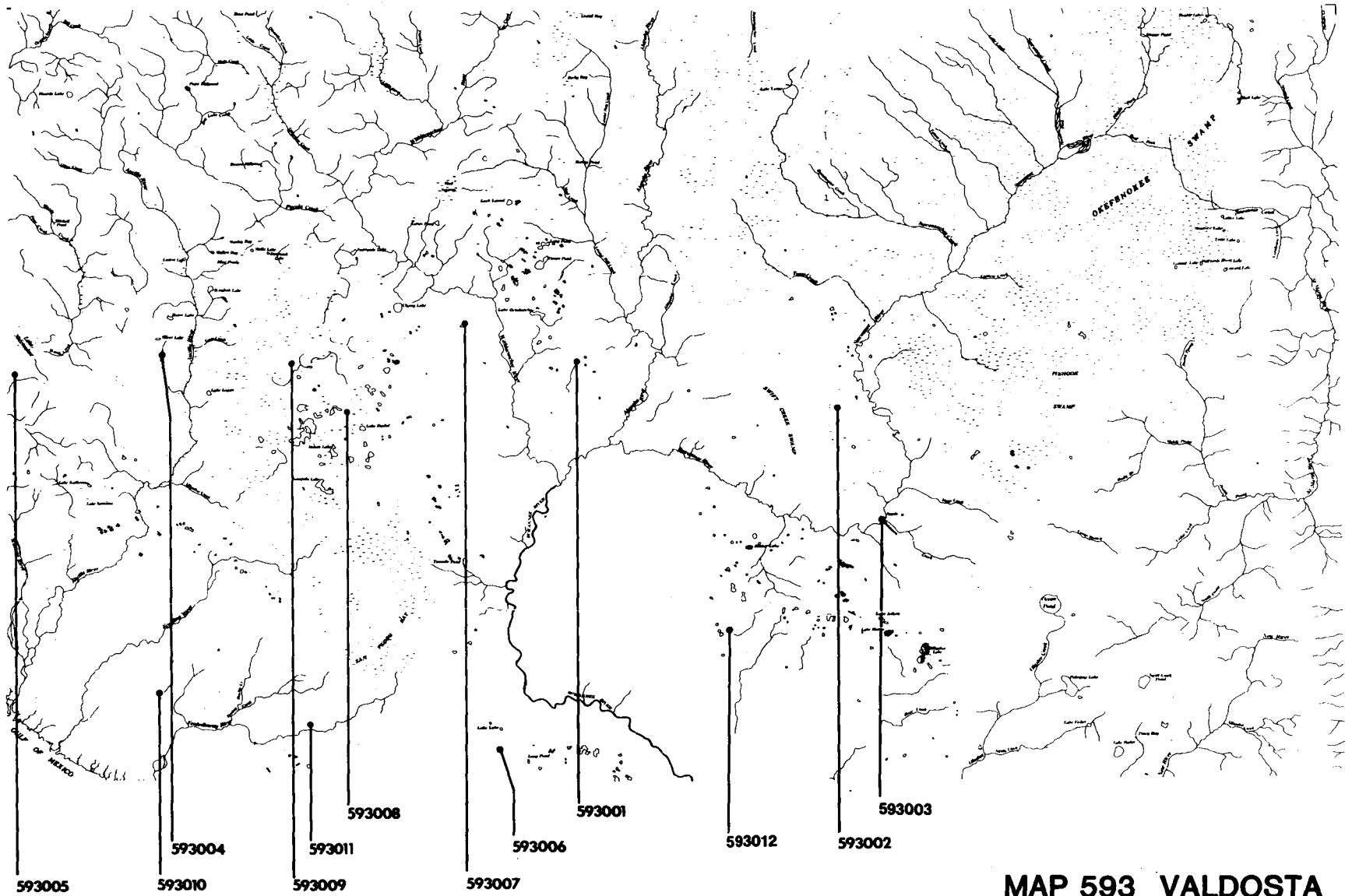
DESCRIPTION: Colony site: Island in lake.
Habitat surrounding colony: Water.
Colony area: No data.
Nesting substrate: Shrubs over water.
Proximity to human disturbance: >0.8 km

SPECIES COMPOSITION (number of nesting pairs):

	April 1976	July 1976	August 1978
Great Blue Heron	6	---	---
Cattle Egret	---	---	70
Great Egret	15	8	---
TOTALS	21	8	70

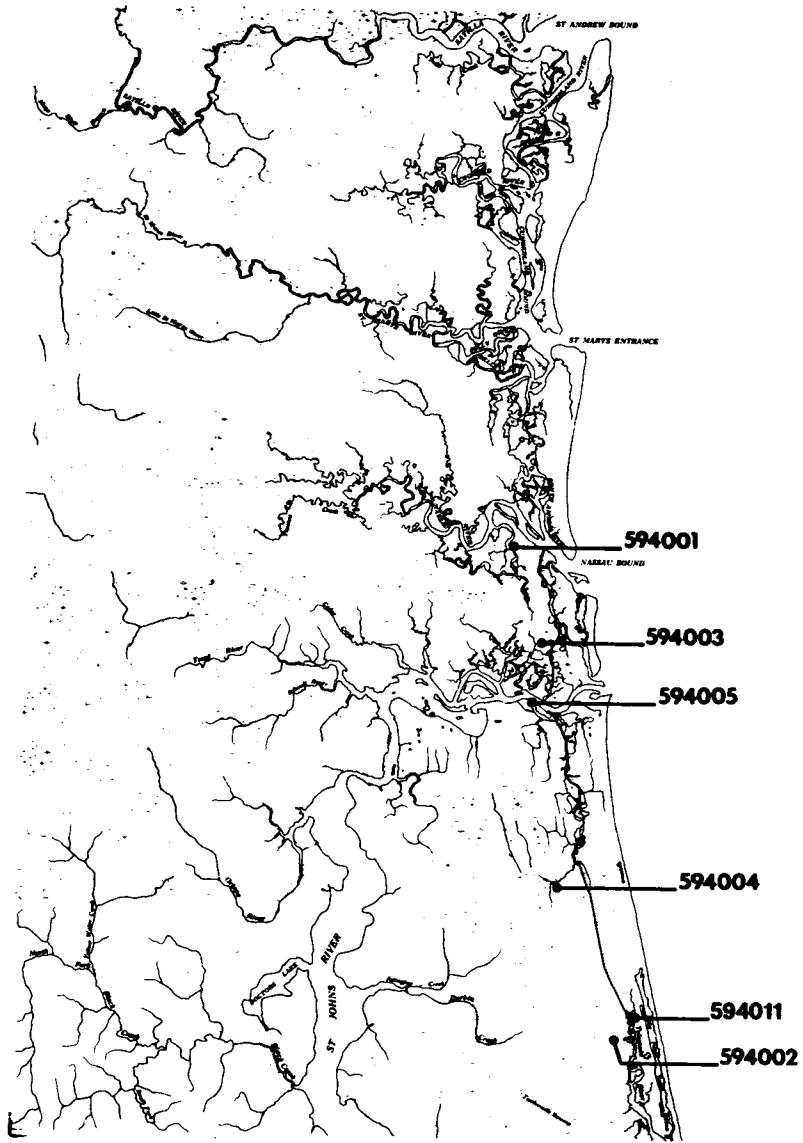


MAP 592 TALLAHASSEE



MAP 593 VALDOSTA

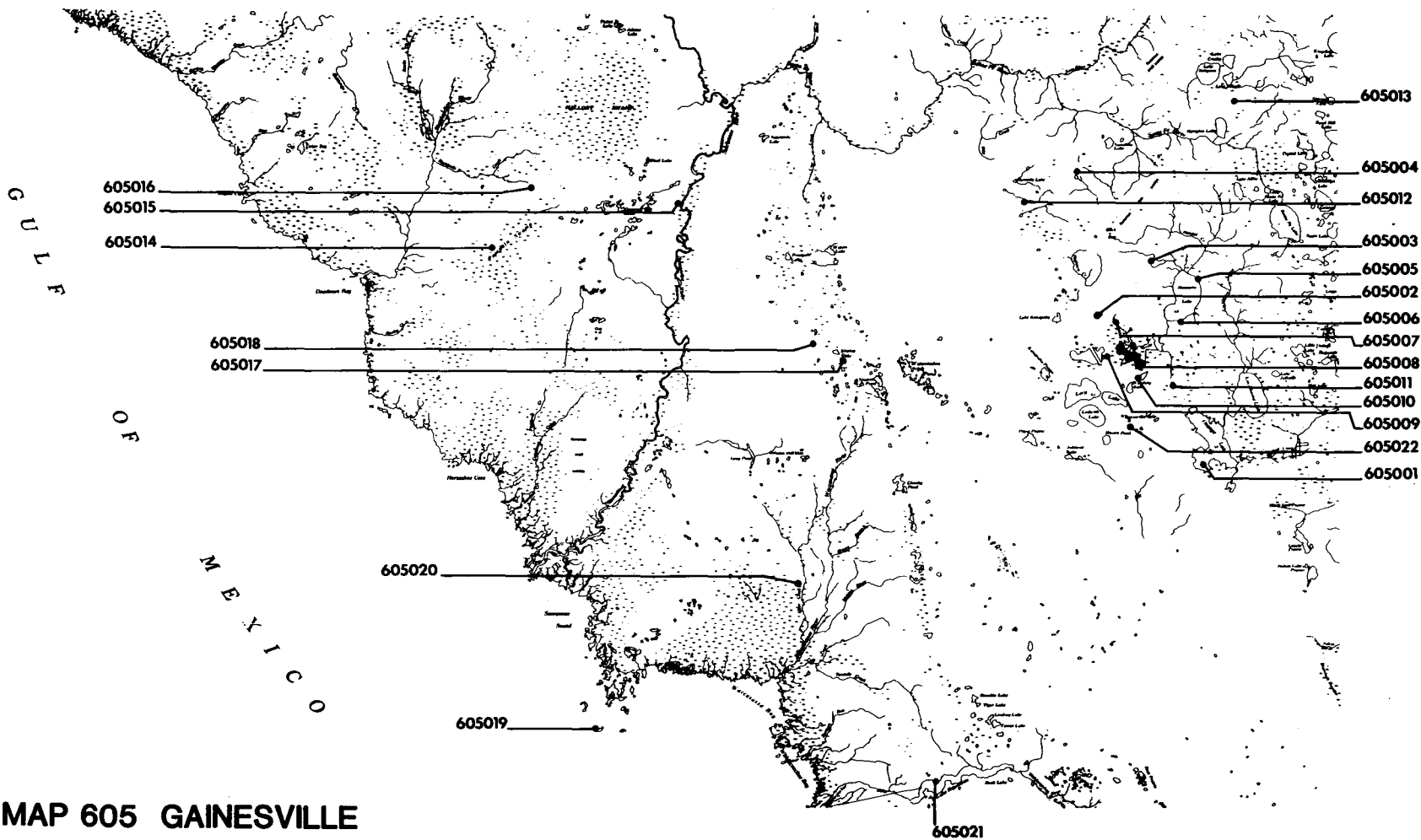
422



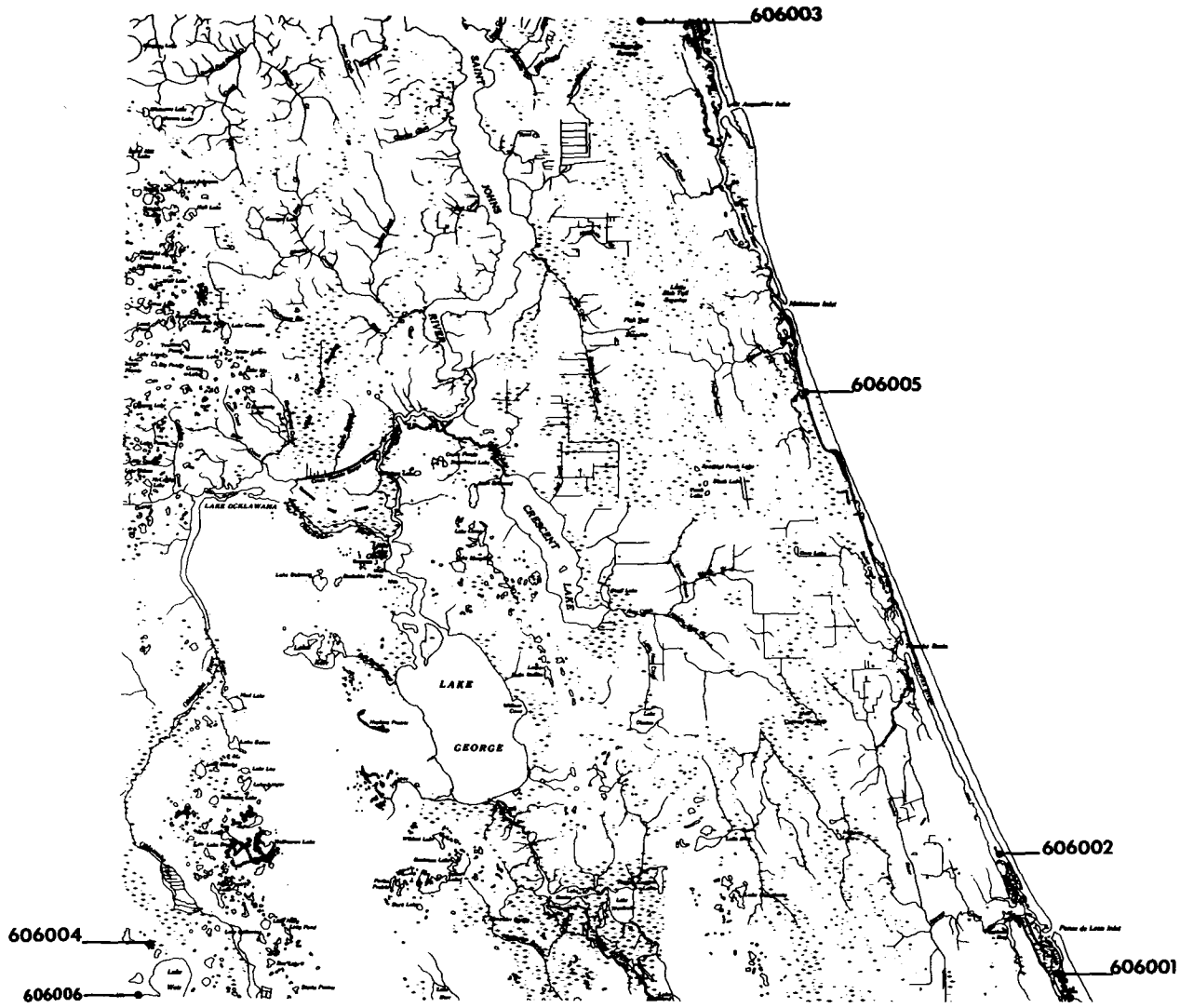
A T L A N T I C

O C E A N

MAP 594 JACKSONVILLE



MAP 605 GAINESVILLE

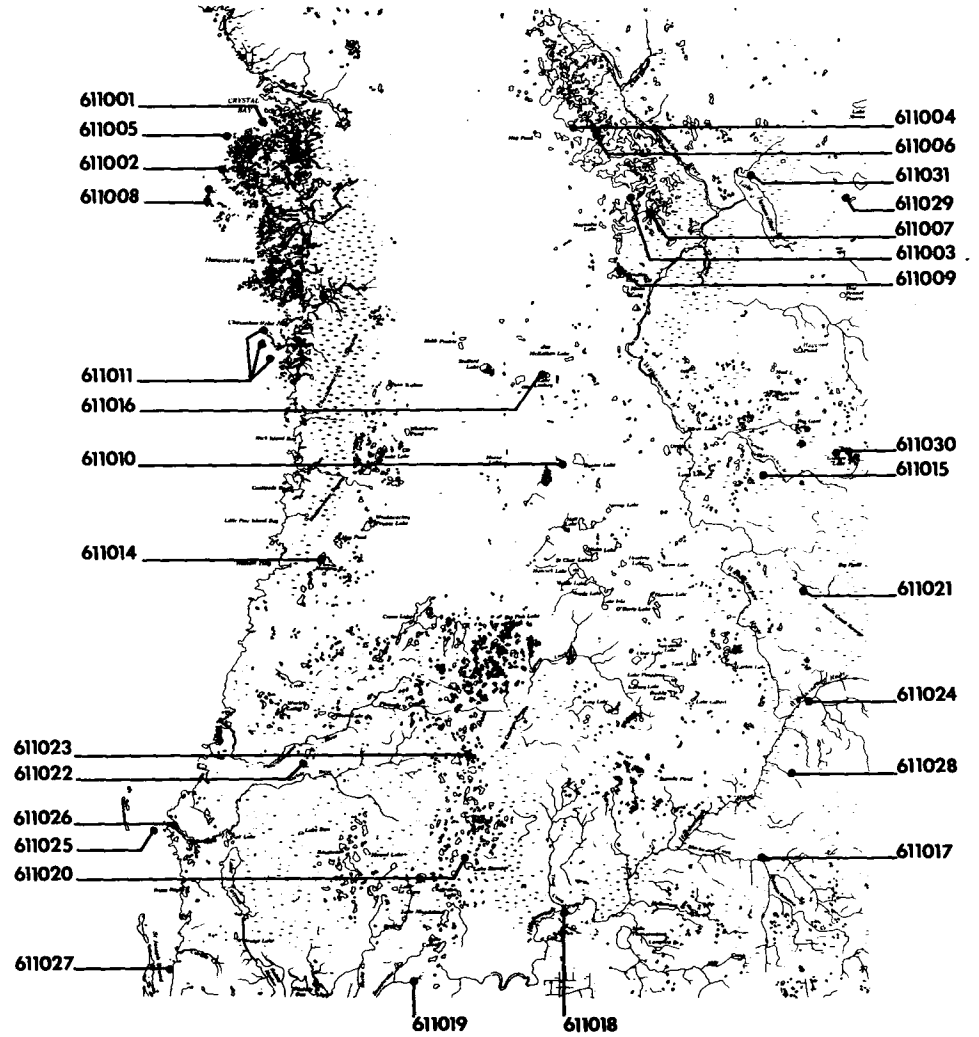


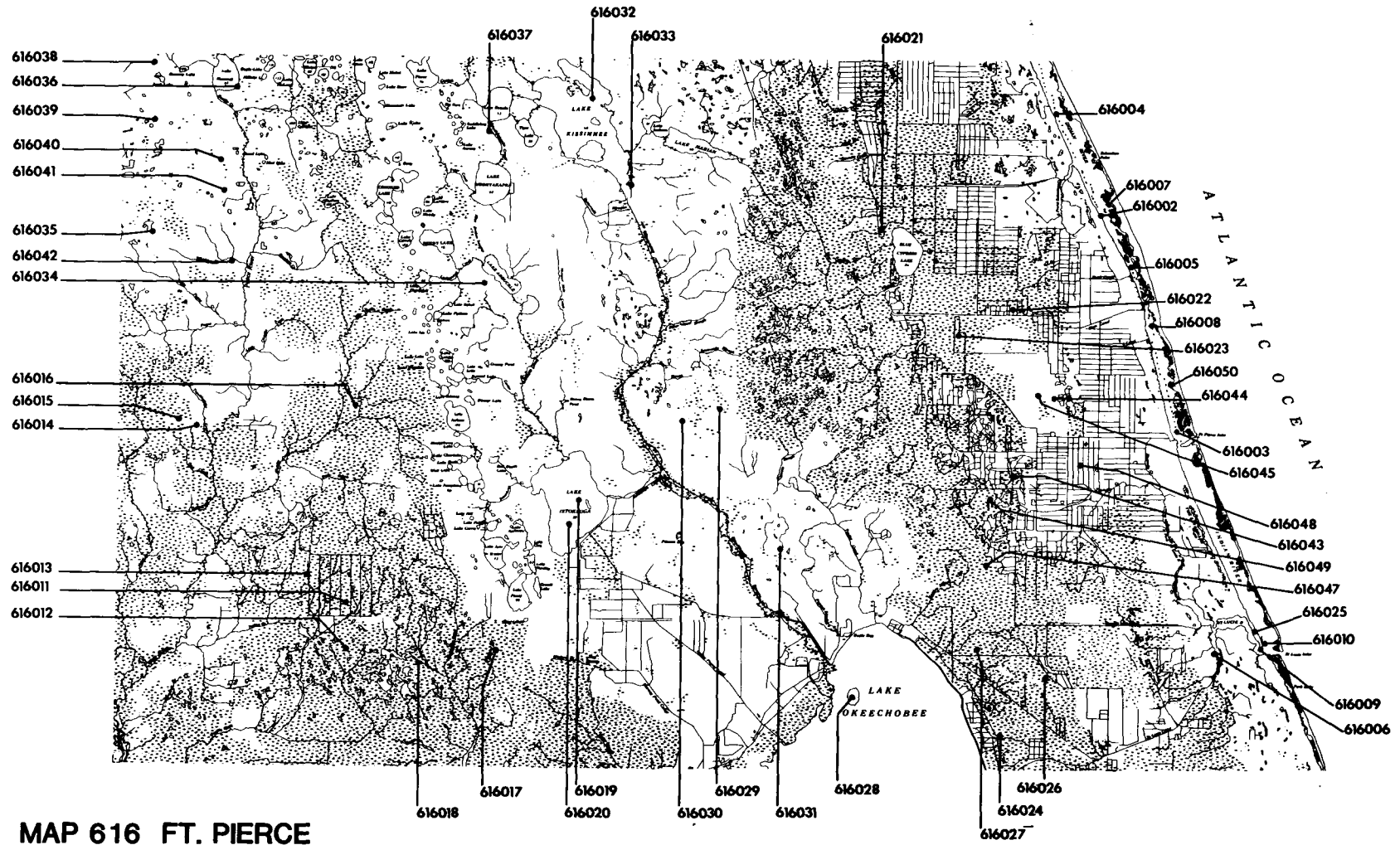
ATLANTIC
OCEAN

MAP 606 DAYTONA BEACH

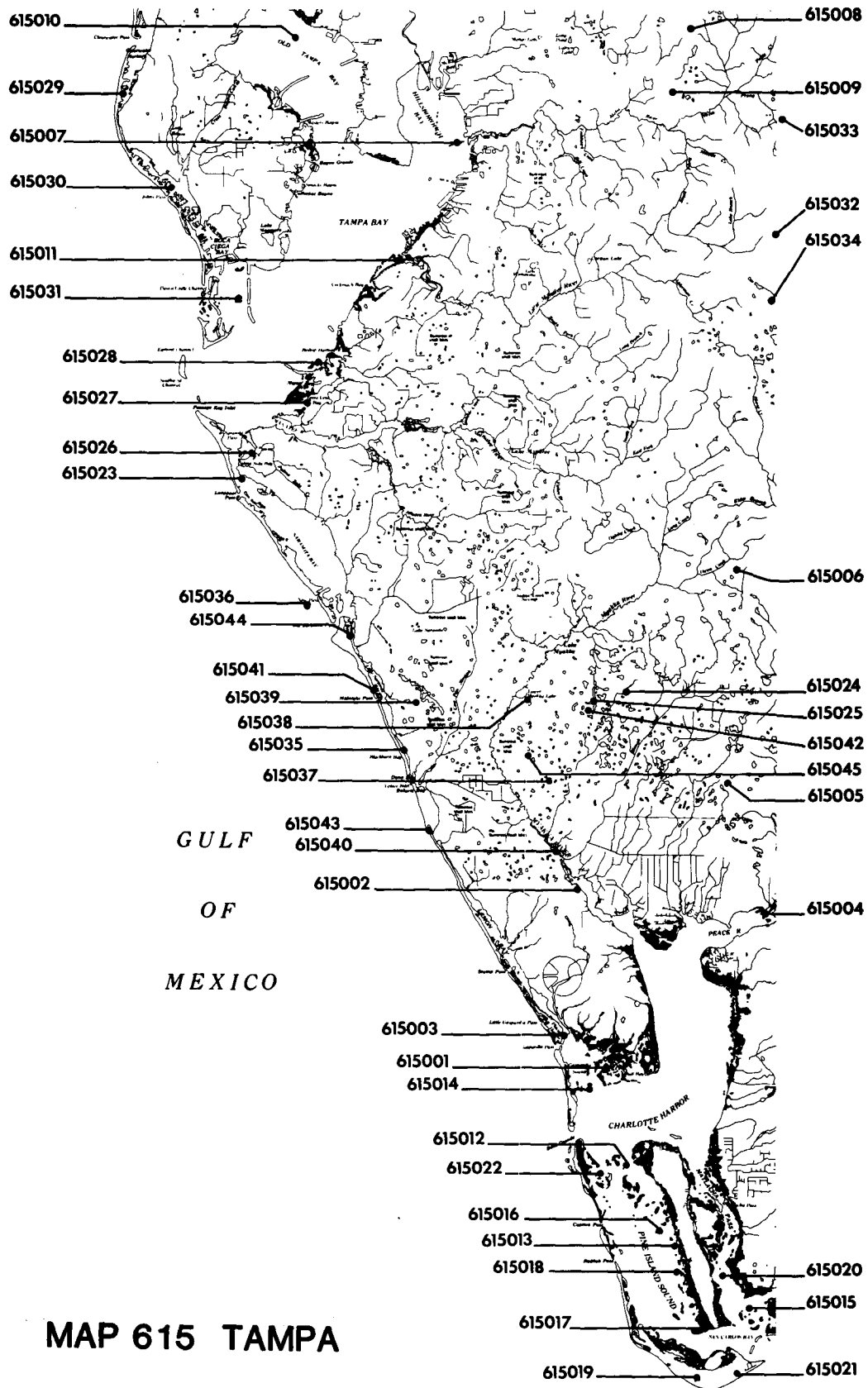
G U L F
O F
M E X I C O

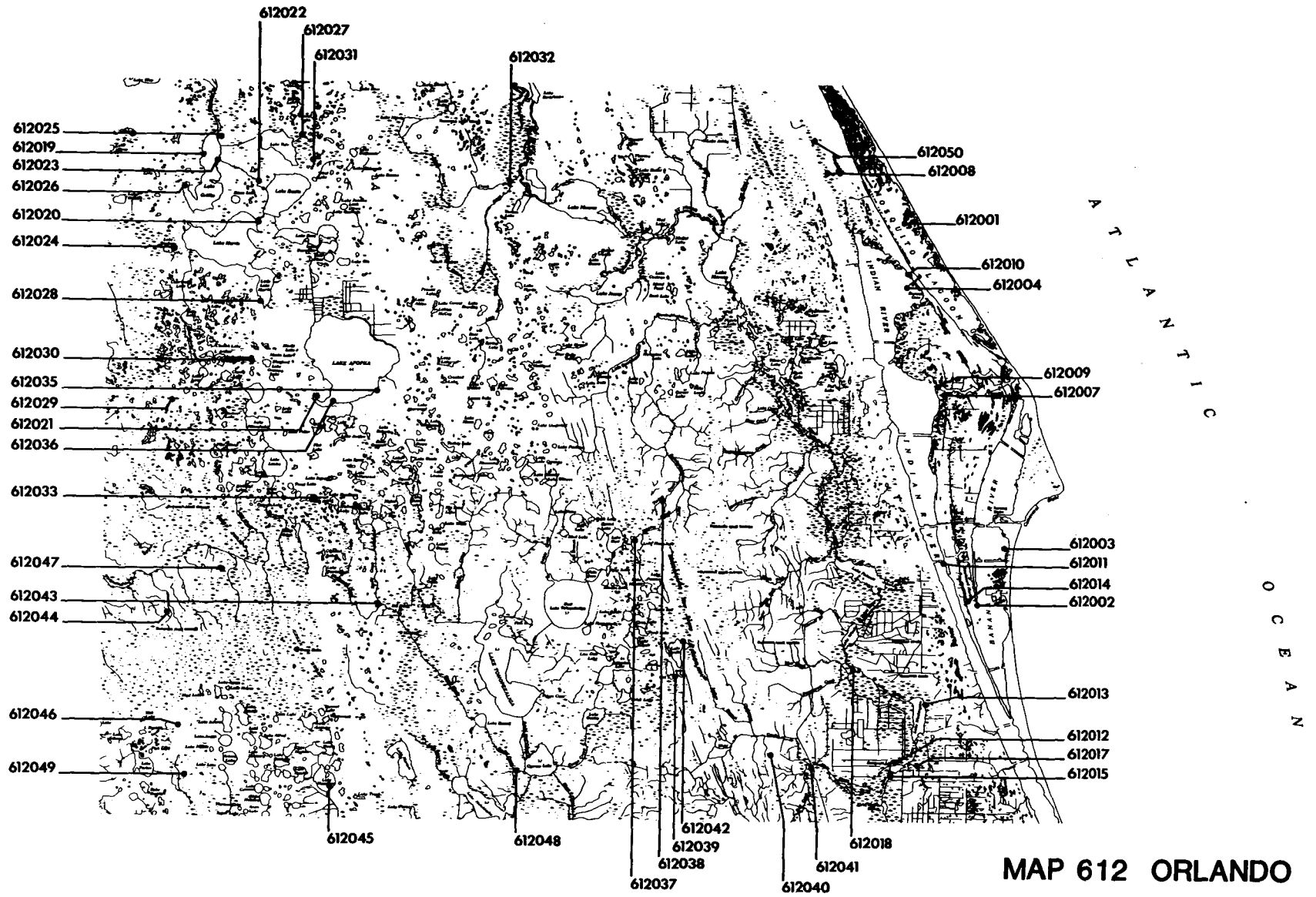
MAP 611 PLANT CITY



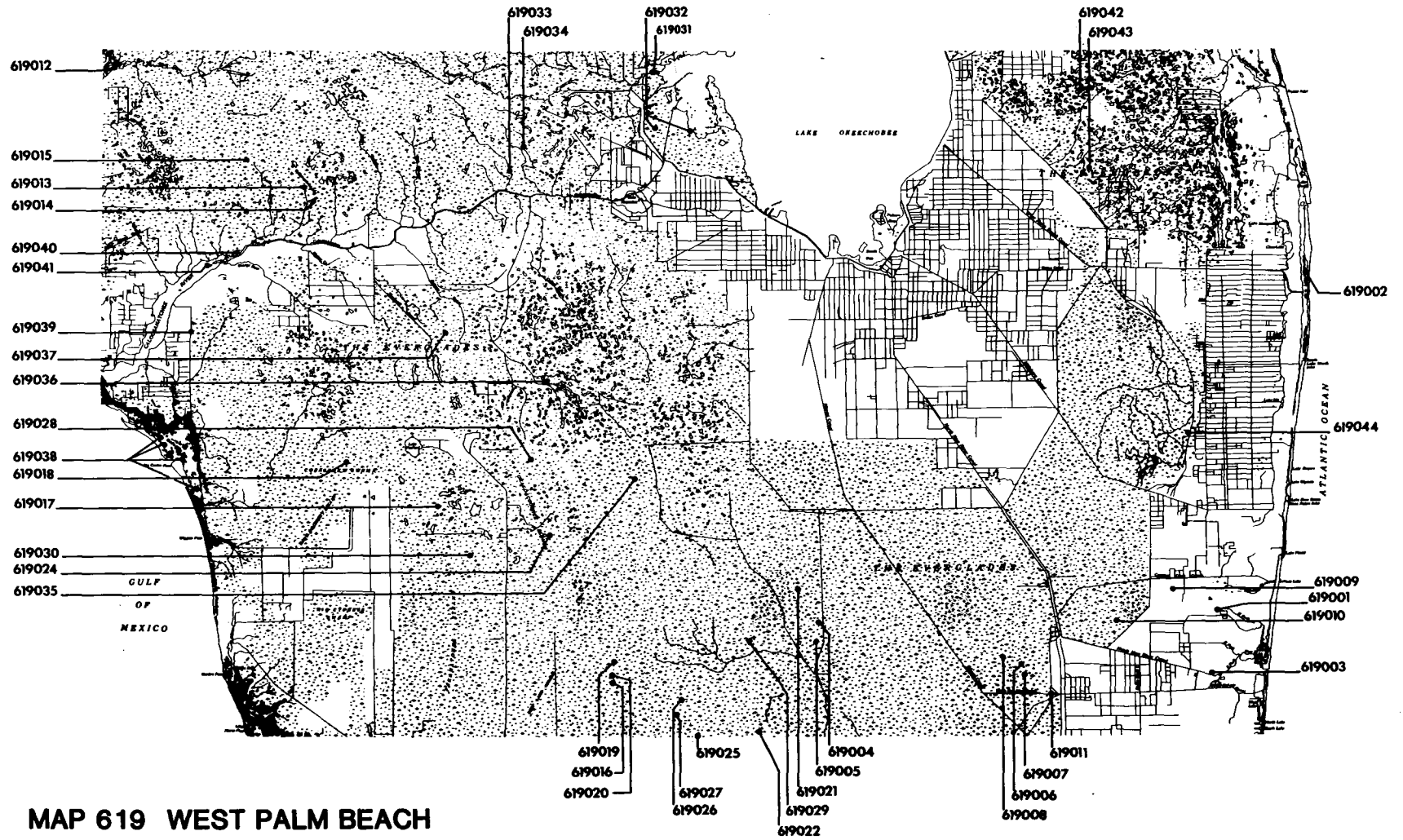


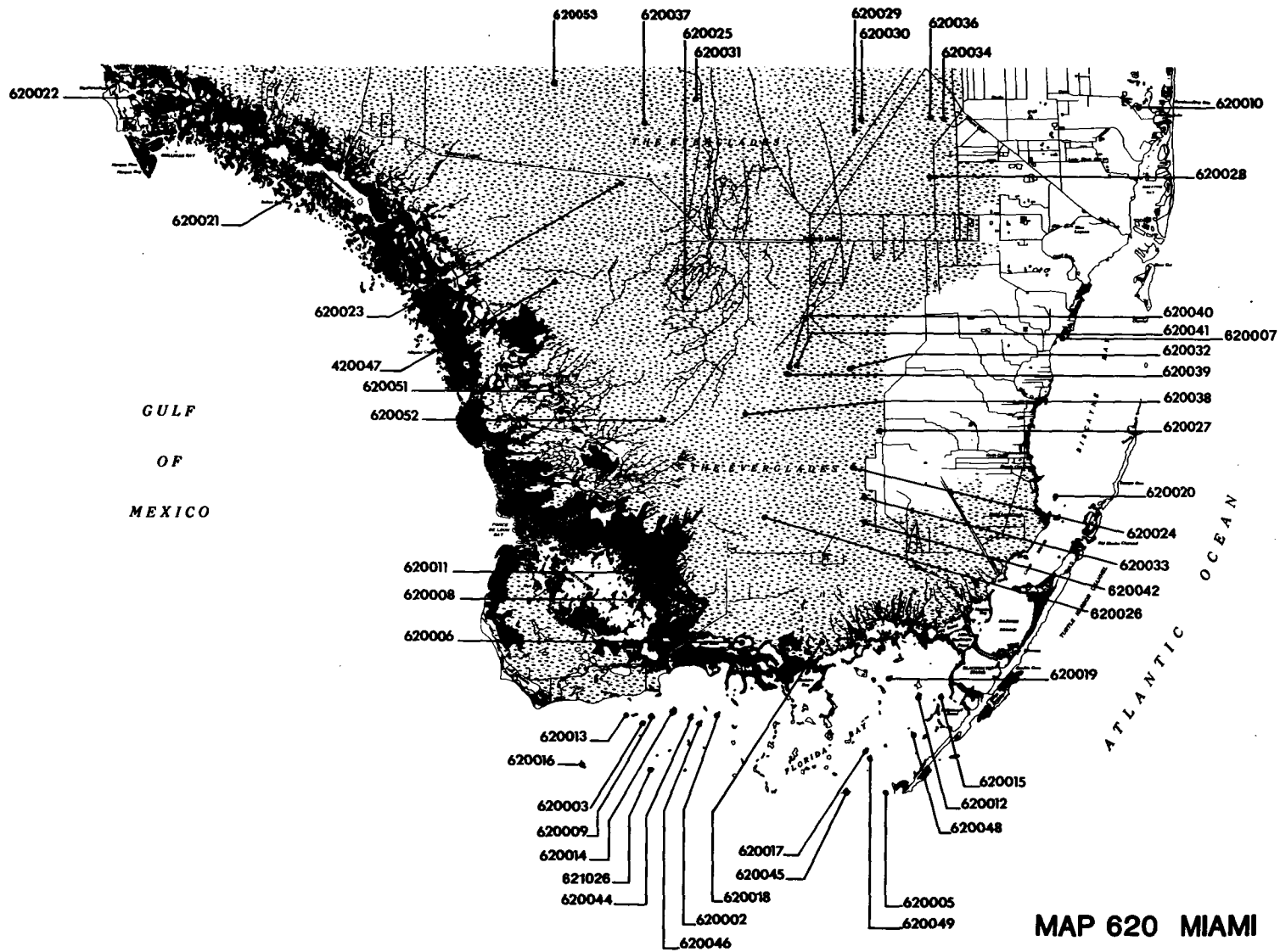
MAP 616 FT. PIERCE

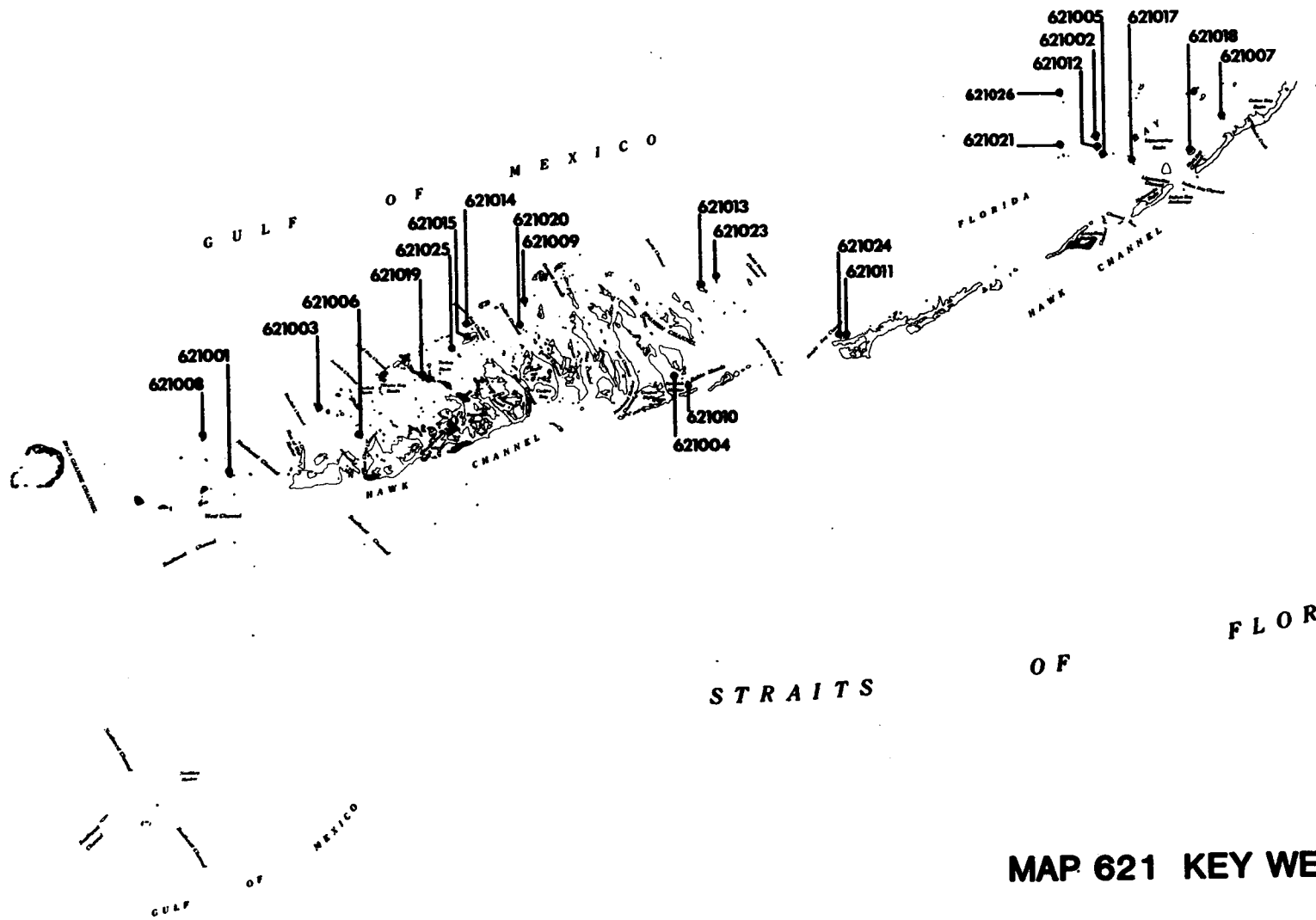




MAP 612 ORLANDO







MAP 621 KEY WEST

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003	Cedar Point Road	Duval	140
004	Dee Dot Ranch	"	141
005	Fort Caroline	"	142
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004	LaCross	"	18
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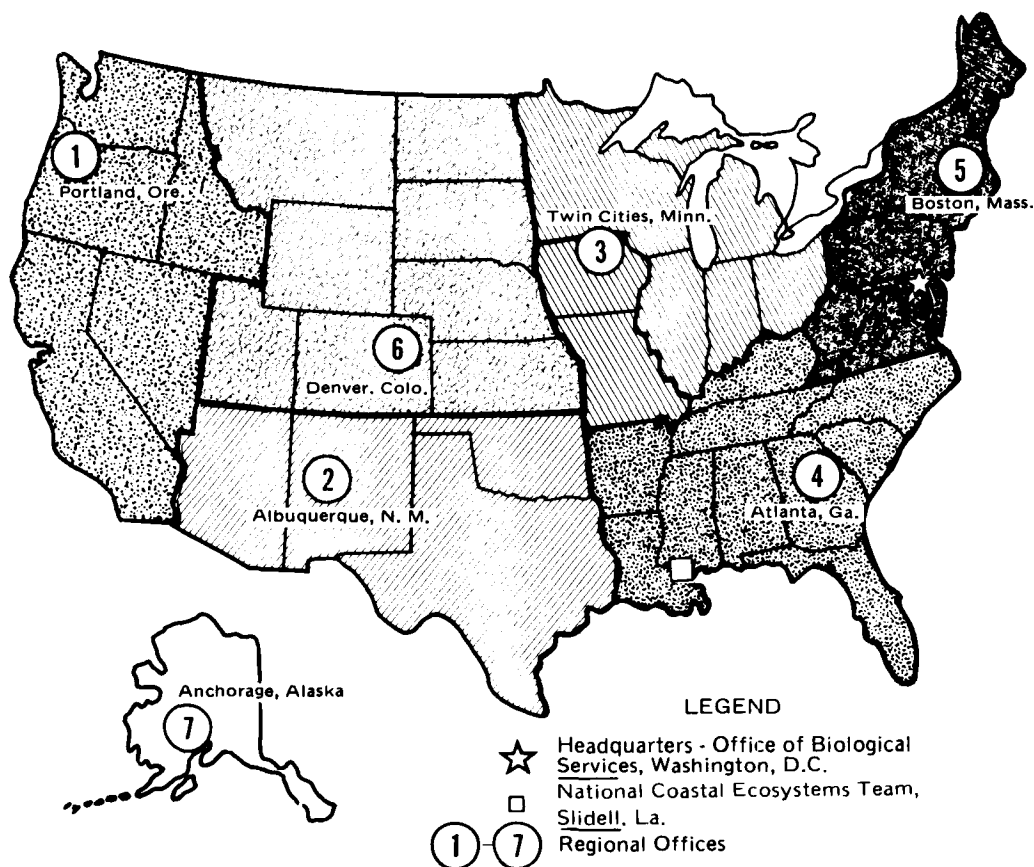
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DEPARTMENT OF THE INTERIOR
U.S. FISH AND WILDLIFE SERVICE



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