

We have a few people subscribing to our "Pelican" newsletter. Renewals in the amount of \$3.00 should be sent to our treasurer, Mrs. Carlton M. Smith, 542 S. Lanvale, Daytona Beach, FL 32014. Please note that this does not apply to fully paid two-way or three-way members of our chapter, Florida Audubon Society and/or National Audubon Society.

#### AUDUBON ARK TO VISIT DAYTONA BEACH

The Audubon Ark will arrive in Daytona Beach on Wednesday, January 19th. A traveling mini-museum devoted to informing Americans about our endangered birds and other animals, the Ark will be moored at Volusia Mall through Sunday, January 23rd.

Piloting the Ark are environmental educators, Tom Troy and Edward McCain. They will be up with the birds on Wednesday morning to set up an extensive exhibit that pictures and describes the plight of imperiled American wildlife. The exhibit and exhibitors will also explain how concerned citizens can help save the animals from extinction.

While the problems of disappearing species is global, the Audubon Ark focuses on species that are listed as endangered or threatened in the lower 48 states. These creatures include whales, alligators, wolves, grizzly bears, mountain lions, black-footed ferrets, Indiana bats and salt harvest mice. Prominent among beleaguered bird species are the California condor, peregrine falcon, bald eagle, brown pelican and red cockaded woodpecker.

The Ark's basic message, being brought to cities and towns throughout the United States is this: "By learning to respect the complexity of nature and to consider the consequences of our action, we can ensure a safer future for all living things, including ourselves."

The Audubon Ark is an educational program of the National Audubon Society, made possible through a grant from the Celanese Corporation. Founded in 1906, National Audubon today has 460,000 members and 474 chapters nationwide.

#### NOTES FROM HERE AND THERE

Air pollution of the North American Arctic is developing at an alarming rate. It is suspected that most of the pollution comes from the central Soviet Union.

National Audubon is working on plans for a nationwide TV show. This would be on WTBS, Atlanta, Turner Broadcasting System, which can be received locally on cable.

Our chapter made a donation of \$100 in support of the Nature Conservancy's drive for the purchase of a manatee sanctuary in the Crystal River.

America's No. 1 birder, Roger Tory Peterson, has hobnobbed with royalty lately. He escorted Prince Philip of Britain on birding trips in Texas and received the Great Swedish Heritage Award from King Carl XVI Gustav.

HALIFAX RIVER AUDUBON SOCIETY  
DAYTONA BEACH, FLORIDA

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# THE PELICAN

Information Bulletin

Halifax River Audubon Society

Daytona Beach, Florida

Harold J. Nett, President  
441-5584

Vol. 28, No. 5  
February 1983

## AN ECOLOGY VIEW OF VOLUSIA COUNTY: POPULATION GROWTH (KEITH HANSEN)

Keith Hansen, of the Biology Department of Stetson University, Deland, will present a program entitled "An Ecology View of Volusia County: Population Growth" on February 21st, 7 P. M., at Seabreeze United Church. Keith Hansen is a well-known environmentalist in our county. He was active in the "Save Our Springs" campaign that led to the purchase of Ponce de Leon Springs by the county and state as a park.

Alpha Little, Program Chairperson

## CALENDAR OF COMING EVENTS

Friday, February 18th, a field trip will leave at 8 A. M. from the east end of the County Courthouse parking lot for the Merritt Island Wildlife Refuge.

Monday, February 21st, members' meeting at Seabreeze United Church at 7 P. M. Seabreeze United Church is located at 501 N. Wild Olive on the Peninsula, Daytona Beach.

Friday, March 4th, a field trip will leave at 8 A. M. from City Island for the Ravine Gardens, Palatka. See below in regard to the change in schedule.

Friday, March 18th, a field trip will leave City Island at 8 A. M. for Alexander Springs.

Monday, March 21st, members' meeting and pot-luck dinner at Seabreeze United Church. Bob Haviland will speak on solar power.

## BIRDING NOTES

On January 21st, 12 observers took off under threatening skies for the Merritt Island Wildlife Refuge. A little way into Black Point Drive, we had to huddle in our cars while a thunderstorm with torrential rain passed over. Because of a tangle with some mosquito control vehicles, our party got separated, two cars well in front, a single car with another car well behind. Anyway, all of us went around the drive twice, and combining two cards we reached a total of 90 species for the day. This figure included 12 species of ducks, clapper rail, sora rail, snipe, knot, marbled godwit, reddish egret, a couple of bald eagles, etc.

Again on February 4th we had "weather trouble" as Ponce Inlet was cold and windy with no birds readily visible, so we transferred our efforts to Osteen Bridge and Mullet Lake. At the bridge we saw bald eagles, limpkins, green herons and about 30 white pelicans. The count was 57 species. As the Osteen-Mullet Lake trip was scheduled for February 18th, we'll return to Merritt Island after a shorter interval. This leaves March 4th open, so we'll try Ravine Gardens, Palatka, that day. The azalea festival opens then; it is hoped the azaleas will be in good shape. Jim Lane wrote that from the rim drive there is tree-top viewing.

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#### THE AUDUBON ARK

As arranged by Wendy Hale of New Smyrna Beach Audubon and Florida Audubon, Messrs. Troy and McCain of the National Audubon Society installed the Audubon Ark exhibit at Volusia Mall January 19-23. They talked to hundreds of people each day. Nine new memberships were signed up for our chapter right at the booth, and many of our newsletters and brochures were handed out.

#### DBCC SCHOLARSHIP

On February 11th Halifax River Audubon Society donated \$500.00 to the Daytona Beach Community College as a scholarship grant for a student in the field of environmental engineering or marine biology. The College Foundation of DBCC will examine student records and select a recipient for the scholarship. Mrs. Thelma Acosta chaired our scholarship committee.

## CONSERVATION REPORT

Dr. Boardman has authorized use of excerpts from the newsletter of the Environmental Council of Volusia County in lieu of his usual report, as follows:

**PORT AUTHORITY PURSUES LAND ACQUISITIONS:** On January 11th, the Governor and Cabinet approved six tracts of beachfront property to be purchased under the Save Our Coasts program, including Lighthouse Point at the Ponce de Leon Inlet. One of the six beaches, Harbor Lights Cove in Pasco County, was referred February 1st to a newly created task force examining the state's land buying practices. Governor Graham said the refusal to buy Harbor Lights Cove "does not signal a slowdown" in the Save Our Coast program.

The Port Authority is the official agent of the State in negotiating acquisition of property on the North Peninsula in Volusia County. Authority Director Dan O'Brien reported at the Port Authority's January 25th meeting that, if the State appoints its appraisers quickly and there are no other unforeseen delays, the Authority could expect to sign purchase contracts with the North Peninsula owners by June 1st.

**NGT/VOLT APPLICATION ON COUNCIL AGENDA 2/17:** The County Council will consider on February 17th, in Deland, National Gardens Trust's revised application for rezoning of 1824 acres between Old Dixie Highway and U. S. 1 near I-95 from one unit per five acres to an overall density of 2.75 units per acre. If the rezoning is approved, NGT will donate 2,000 acres of wetlands and hardwood hammock land to Volusia Land Trust, which would connect the Bulow Creek and Tomoka State Parks and assure protection of the Tomoka Basin and its marshes. VOLT'S agreement with NGT provides for certain restrictions on development, including a 50-foot easement between the rezoned property and the donation, and along Old Dixie Highway, which should preserve the road's magnificent tree canopy.

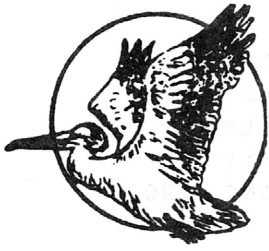
The Environmental Board on January 25th, upon reviewing the revised zoning application, gave its approval to the proposal, cautioning that due consideration must be given to water and flooding problems that a development in that area can have.

The Environmental Board also resolved against the rezoning application of John Collins, Vice-President of Bellemead Development Corporation, to allow him to build 15 residences where only 3 units are currently permitted. His property is located wholly within the proposed NGT donation; approval of the application would mean a 15-unit subdivision could be built in the middle of a State Park. The County Planning Department has recommended denial.

**NEWSPAPERS NOTE ENVIRONMENTALISTS:** In their year-end "wrap-ups", both the Daytona Beach News-Journal and the Orlando Sentinel observed the development of an environmental awareness in Volusia County "said to be unmatched in the state."

### "FUTURE WEATHER"

In a new book entitled "Future Weather" (Gribbin), the fears of many scientists are outlined that the earth may face a dangerous warming trend because of a possible doubling of the atmosphere's carbon dioxide by 2025. The American Plains, bread basket of the world, might suffer a decrease in rainfall. The author points out that syn-fuels could contribute extra large amounts of carbon dioxide to the atmosphere. One alarmist scenario is that much of Florida would be submerged as Antarctic ice melted and the ocean level rose. It is true the scientists disagree, but we must be cautious and look for alternatives to extended use of fossil fuels.



THE PELICAN  
Information Bulletin

Halifax River Audubon Society  
Daytona Beach, Florida

Harold J. Nett, President  
441-5584

October 1983  
Vol. 29, No. 1

PRESIDENT'S MESSAGE

The Halifax River Audubon Society this month is starting its activities for the 1983-84 season. The program folder lists dates for our future meetings and field trips. Please keep it handy for reference. Details of programs will be supplied in our newsletters.

The first field trip will go to Alexander Springs October 7th, and the first meeting and program will be held at Seabreeze United Church Monday October 17th at 7 P. M. This season we'll have trips to Cape Canaveral, depending on a preliminary reconnaissance, and Jupiter Springs, places we have not visited for several years.

THE GAME PARKS OF KENYA -- Dr. PETER PRITCHARD

On Monday, October 17th Dr. Peter Pritchard of Florida Audubon Society will show slides of wild animals in Kenya's Game Parks and discuss the problems confronting endangered species in that African country.

Peter C. H. Pritchard has been Florida Audubon's Vice President for Science and Research since 1973. He has degrees in chemistry from Oxford University and his Ph. D. in zoology from the University of Florida. He has led many field trips for Florida Audubon and published a very large number of scientific papers and articles.

We hope to see you at Seabreeze United Church Monday October 17th at 7 P. M.

NAS MEMBERSHIP DUES

Effective January 1, 1984, National Audubon announces three way membership dues will be as follows: individual \$30.00; family \$38.00; student \$18.00; senior citizen individual \$20.00; senior citizen family \$23.00; sustaining, supporting, contributing, donor, life, dual life dues will not change.

NOTICE TO PELICAN SUBSCRIBERS

Halifax River Audubon Society has a few subscribers to our newsletter "The Pelican". These people if they wish to continue their subscriptions for the new season should send \$3.00 to our treasurer, Mrs. Carlton M. Smith, 542 S. Lanvale, Daytona Beach, Florida 32014. Checks should be made payable to Halifax River Audubon Society. IMPORTANT: this does not apply to full two way members (Florida Audubon. Halifax River Audubon) or to full

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#### CALENDAR OF COMING EVENTS

- October 7 (Friday), HRAS field trip will leave City Island at 8 A. M. For Alexander Springs.
- October 17 (Monday), HRAS members' meeting at Seabreeze United Church, 501 N. Wild Olive at 7 P.M. Speaker Dr. Pritchard.
- October 28 (Friday), HRAS field trip will leave City Island at 8 A. M. for Washington Oaks, Matanzas and Anastasia State Park.
- November 4 (Friday), HRAS field trip will leave City Island for Tomoka Farms Road, Osteen and Mullet Lake.

## NOT VERY GOOD NEWS

We regret to inform you that Jane Brennan, the most capable secretary of our Conservation Committee for several years, is seriously ill in the hospital. Bea Childs has also had a hospital visit. Dr. Boardman has had to relinquish many of his activities, among them the chairmanship of the Conservation Committee, because of health problems.

## SAVE OUR EVERGLADES

Here is a summary of the steps needed to save the Everglades:

- (1) Reestablish the values of the Kissimmee River.
- (2) Restore the Holey Land and Rotenberger tracts, a 95-square mile area north of and adjacent to Water Conservation Area 3 in Palm Beach County. The State should acquire private holdings in the Rotenberger Tract in order to reflood the land and recreate an Everglades environment.
- (3) Manage the deer her in Water Conservation Area 3 at a lower population so that the herd can better survive high water levels.
- (4) Make necessary hydrological improvements to Alligator Alley and Tamiami Trail.
- (5) Restore Everglades National Park, including support of the park's seven-point plan that was approved by the South Florida Water Management District. Complete acquisition of the 50,000-acre Aerojet property in the East Everglades from the Trust for Public Land (TPL).
- (6) The Florida panther is near extinction and only about 20 are known to exist. All panthers are in the Big Cypress National Preserve, Fakahatchee Strand and Everglades National Park. Completion of the Federal acquisition of the Big Cypress National Preserve and State acquisition of the Fakahatchee Strand would help...

## CONSERVATION NOTES

Watch the papers for the date and place of the hearing by the Army Corps of Engineers, whether permits should be granted to the Port Authority for construction of the marina.

In remarks at a Sierra Club meeting, Bob Haviland of the Environmental Council said a marina should not be built near the inlet with possible high tides in a hurricane of 12 feet and in a northeaster of 8 feet. Also, he emphasized strongly that a marina should not be constructed adjacent to a power plant, where gases, ash and soot from the plant's stack would damage fittings on vessels moored in such a marina. Mr. Haviland went on to discuss the lifting of the ban on Temik. The report stated that its use seems safe for 80% of Florida, but unfortunately Volusia is included in the 20% where the use of this chemical could be dangerous, in the Deland Ridge especially.

In an address at this same meeting, Representative Tom Brown stated the Water Quality Insurance Act in his opinion was the most important bill passed during the 1983 legislative session. Some authorities have praised the bill as the nation's best environmental law since 1972. Of course, Mr. Brown pointed out that there are still some flaws in the law. During the next session Mr. Brown promised to do his best to improve wetlands protection.

## "NATURE" TV SERIES

Orange Audubon Society will underwrite 13 new films of the "Nature" series on Channel 24. Orlando, beginning Sunday October 9.

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DAYTONA BEACH, FLORIDA

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DAYTONA BEACH FL 32018



## CLEAN-UP '84

Enclosed is a copy of a Constitutional Amendment Petition Form.

The drive to get 300,000 signatures on a constitutional amendment has begun. The amendment will guarantee certain environmental rights to every citizen of Florida.

When the amendment is adopted every citizen will have the right to a healthful environment and a right to know if the healthful environment is, or may be, endangered. Every citizen will have the right to have the waters, air and wildlife held in trust (protected) by the state.

Most important of all, the amendment will give groups like Florida Audubon Society and all citizens in the state "standing" to go to court or initiate other legal proceedings to assure that the environment is protected. Difficulty in attaining "standing" is the single greatest impediment environmental groups face today in their effort to save our precious resources.

Florida Audubon Society is solidly behind this effort. We are certain you will be also.

300,000 IS A LOT OF SIGNATURES. LET'S GET STARTED! If you have not already signed this form, please do so. Hand in the signed petition at our forthcoming meetings or mail to:

Florida Audubon Society  
1101 Audubon Way  
Maitland, Florida 32751

### MEMBERSHIP NOTES

Fenn Holden, an honorary member of our society for many years, on November 5th celebrated his 100th birthday. Bea Pratt Childs reported he is now blind but active mentally. He lives at Wesley Manor, H 5, Jacksonville, Florida 32223. A survey of a file of our "Pelican" newsletters, shows that he donated bird slides to our chapter in 1959 and many more at later dates. These formed the nucleus of our slide collection; some of them may be seen at our meetings, in schools and other gatherings. Mrs. Holden died in 1975.

Mary Jane Brennan who served us well on the Conservation Committee of the Halifax River Audubon Society has died. Donations may be made in her memory to the Nature Conservancy, 1331 Palmetto Avenue, Winter Park, Florida 32789.

The National Audubon Society's Southeastern Regional Conference is scheduled for March 22 through 25, 1984 at Lakepoint State Park adjacent to Eufaula National Wildlife Refuge, Eufaula, Alabama, on the Chattahoochee River.

### HAZARDOUS WASTE STUDY

The County Council has reconsidered its decision to allow the East Central Florida Regional Planning Council to conduct the assessment of hazardous waste in this county. Volusia's Office of Environmental Control has been assigned the task. Much of the work would have had to be done by county staff anyway, and now the county will

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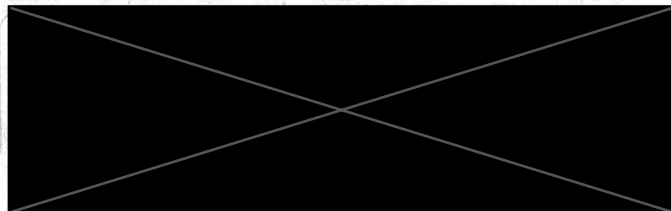
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# THE PELICAN

Information Bulletin

*Halifax River Audubon Society*  
*Daytona Beach, Florida*

Harold J. Nett, President  
441-5584

December 1983  
Vol. 29, No. 3

## EGYPT, ISRAEL, JORDAN -- RICHARD WEISS

Richard Weiss will give a slide program on Monday, December 19, 1983 at Seabreeze United Church, 501 N. Wild Olive, Daytona Beach. We have enjoyed his programs in the past, and certainly our members will find this program very timely. Mr. Weiss states there will be much of archaeological interest in the program. Richard Weiss has lived in Daytona Beach about 10 years. He came here from New York City where he was Chairman of the Science Department at Music and Art High School; he also taught at City College, New York. The meeting will start at 7 P. M. with the program about 7:45 P. M. Refreshments.

## NOMINATING COMMITTEE

Next month a nominating committee will be appointed. It is hoped that we can get some new faces as officers and on our board of directors. Anyone volunteering to serve should send his or her name to Harold J. Nett, 3 Sunny Shore Drive, Ormond Beach, Fla. 32074 or call him at 441-5584.

## SILVER SPOON FOUND

A silver measuring spoon was found after our meeting last March. It seems to have a letter "B" engraved on it. If it belongs to anyone please ask for it at our forthcoming meetings or advise by calling 441-5584.

## BIRDING NOTES

On November 18th the field trip followed Dupont Road in southern Flagler County to Cody's Corner, then south via Route 11 to Lake Dias for lunch, and ended with a brief stroll at Lake Woodruff Wildlife Refuge. Highlights were clapper rail near the North Beach St. bridge over the Tomoka River, 4 bald eagles along Dupont Road, a few blue-birds perched on the wires and 15 sandhill cranes at a Flagler County farm along Route 11. The count was 49 species.

On December 2nd we went to Merritt Island and checked off 63 species, a slightly disappointing total. However, we did not sight or overlooked some common, ordinary species, so we can rationalize that it was not so bad after all. Interesting birds included hundreds of white pelicans, reddish egret, wood storks, glossy ibis, pintails. blue-winged teal, widgeons, shovelers, ring-necked ducks, red-breasted mergansers, sora rail, scrub jay, common yellowthroat and a bald eagle at a nest south of Oak Hill.

A Mr. Justice called with the report that he had seen a white-winged dove among the regular mourning doves at his feeder. This western bird, which has white wing patches and a rounded tail, is given in Sprunt's "Florida Bird Life" as "Of casual occurrence in winter in the central and southern parts of the State."

## ENVIRONMENTAL COUNCIL NOTES

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#### ENVIRONMENTAL COUNCIL NOTES

Before you get this newsletter, the County Council on December 13th will have conducted a workshop hearing whether the Department of Agriculture's lifting the ban on the use of the pesticide Temik will be safe in Volusia County. The Agriculture Commissioner's task force reported that Temik may be safely used in 80% of Florida's soils. However, the sandy soil in the Deland Ridge--our county's recharge area and our only source of potable water--falls into the "other" 20%. Watch your newspaper for the result of this workshop.

At its December 1st meeting, the County Council adopted a map to accompany its land use plan. The Planning Board will work on it and a public hearing will follow. This is an important step toward preserving a high quality of life in Volusia County.

MERRY CHRISTMAS, HAPPY NEW YEAR

A campaign is under way to collect 300,000 signatures to place a constitutional amendment on the 1984 ballot (CLEAN-UP 84). According to the Environmental Council, Section 24 of the Florida Constitution would confer "standing" (the right to sue) on every citizen of Florida to enforce our "environmental rights," and enforce the principle that our resources are in the public trust. (Please do not discard the form sent you last month. If you have not already done so, please sign it and mail to Florida Audubon Society, 1101 Audubon Way, Maitland, Fla. 32751).

#### SCHEDULE OF COMING EVENTS

Friday, December 16, 1983, a field trip will leave the Courthouse Annex parking lot, City Island, Daytona Beach, at 8 A. M. for the Port Orange Bridge, Coast Guard Station and Edgewater Park.

Monday, December 19, 1983, there will be a members' meeting at the Seabreeze United Church, 501 N. Wild Olive Ave., Daytona Beach, the program to be given by Mr. Richard Weiss. Time is 7 P. M.

Friday, January 6, 1984, a field trip will leave the Courthouse Annex parking lot, City Island, Daytona Beach, at 8 A. M. for Blue Springs State Park, Crows Bluff and Hontoon Island State Park.

#### BULOW WOODS HIKING TRAIL

"This trail leads into an old hammock, a deep shaded forest where live oak trees and other hardwood trees have grown undisturbed for centuries. The land is low and may be seasonally flooded; it drains into a brackish march along Bulow Creek. Cisco Ditch, part Natural and part man made, adds further variety to this four mile hiking loop developed by the Florida Trail Association." So reads the sign near the gate to the Bulow Plantation Ruins State Historic Site.

Mr. Charles Dutoit of the Park Service in a short address at the dedication December 10th stated that Bulow Creek State Park is listed by the State as "static, reserve", meaning that development will not take place until about 1987, with its picnic areas, camp grounds and trails. He mentioned that some people were caught with a load of palmetto cabbage buds in the park; the load was confiscated. Pending the delay in development, the Florida Trail Association with the assistance of Boy Scouts in this area and members of the local Sierra Club laid out the trail being dedicated. Incidentally, the dedication had been postponed from November 5th because of high water in the hammock.

White blazes on trees denote the main trail and blue blazes the branch trails. Signs have been put up at the trail junctions and small streams have been bridged with planks. Some things seen on the dedicatory walk include live oaks (some huge in size), lofty cabbage palmettos, southern magnolia, pignut hickory, water hickory, sweet gum, loblolly pine, blue beech, yaupon, wild grape, cinnamon fern, resurrection fern, goldfoot fern and coontie.

#### "PLANT EXTINCTION"

"Plant Extinction: a Global Crisis" is the name of a newly published book by Dr. Harold Koopowitz and Hilary Kaye. As the title indicates, it discusses the dangers facing the world's vegetation because of the careless destruction of tropical forests and the loss of plant life in deserts, on mountain sides, on islands. Human and animal life is based on plants, so it behooves mankind to take care. Who knows what valuable medicinal ingredient, industrial component or valuable variation in the gene pool may be lost as many plants disappear forever? It is interesting to read that Lantana, a common Florida wild flower, in tropical countries is considered a "green plague." What a misfortune it was when a misguided individual scattered cajuput seeds from a plane over the Everglades!