

# HAPPY NEW YEAR!

## 1990: A Challenge to Save the World

by Peter A.A. Berle

President, National Audubon Society

**A**s the bells stop clanging and the hoopla of the new year dies down, we face perhaps the most crucial decade in the history of the human race. The next ten years will determine the answer to one simple question: Can we make a better world for ourselves and for future generations?

The answer will depend on our ability to reduce the rate of global warming; slow the tide of destruction sweeping over the rainforests and critical ecosystems around the globe; find practical, renewable, and clean energy sources; turn back the explosive rate of population growth; recognize and protect vital land and water resources; and affirm our will to live in harmony with all life on Earth.

It is not an easy assignment. But history has shown repeatedly our ability to overcome some of the most daunting challenges. Once again, we will be called upon to demonstrate resourcefulness and resiliency. We must meet the challenge.

If there is any one thing that will hold us back, it is our failure to recognize that each one of us—as individuals—holds the key to changing the world. The political will that is needed to implement the necessary changes will come from the individual resolve of each of us. As individuals, we will provide leadership in making personal lifestyle decisions—for instance, recycling and saving energy—that will add up to nationwide and worldwide change. Institutions, from the U.S. government to the National Audubon Society, are only as good as each and every one of their constituents.

Leading environmentalists have dubbed the 1990s "the decade of the environment," 1990 "the year of the environment," and April 22, 1990 as the second Earth Day. Join us in welcoming the new age—by recommitting yourself to the Audubon Cause and redoubling your efforts on behalf of Planet Earth.

### An Audubon Action Alert

#### Senate to Act on Clean Air Legislation

SOME TIME EARLY IN 1990, clean air legislation is expected to go to the Senate floor. As soon as that happens, your letters and/or phone calls to your senators will be urgently needed to help pass the strongest possible clean air legislation.

You will want to ask your senators to support tough measures to reduce acid rain, curb urban smog, and eliminate airborne toxics.

Never hesitate to write/talk about your own experiences or feelings about air pollution.

This being a new year, time to look both forward and backward, let us recall the efforts of one of the early conservationists in our country's history. The following was written by a Seattle chieftain in reply to an offer by the federal government to buy part of their lands. Reflect deeply upon it.

"The President in Washington sends word that he wishes to buy our land. But how can you buy the sky, the land? The idea is strange to us. If we do not own the freshness of the air and the sparkle of the water, how can you buy them?

"Every part of this earth is sacred to my people. Every shining pine needle, every sandy shore, every mist in the dark woods, every meadow, every insect. All are holy in the memory and experience of my people.

"We know the sap that courses through the trees as we know the blood that courses through our veins. We are part of the earth and it is part of us. The perfumed flowers are our sisters. The bear, the deer, the great eagle are our brothers. The rocky crests, the juices in the meadow, the body heat of the pony, and man, all belong to the same family.

"The shining water that moves in the streams and rivers is not just water, but the blood of our ancestors. If we sell you our land, you must remember that it is sacred. Each ghostly reflection in the clear waters of the lakes tells of events and memories in the life of my people. The water's murmur is the voice of my father's father.

"The rivers are our brothers. They quench our thirst. They carry our canoes and feed our children. So you must give to the rivers the kindness you would give any brother.

"If we sell you our land, remember that the air is precious to us, that the air shares its spirit with all the life it supports. The wind that

(See "Early Conservationist"  
on back page)

HALIFAX RIVER AUDUBON SOCIETY  
A Chapter of Florida and National  
Audubon Societies

Meets Third Mondays, Oct. thru Mar.  
SEABREEZE UNITED CHURCH  
501 N. Wild Olive Ave, Daytona Bch.

OFFICERS

- President ..... Robert L. Stevenson  
(112 Oak Lane, Ormond Beach, FL 32174, 673-1838)  
Vice President ..... Angelo Cerrito  
(6065 Hensel Road, Port Orange, FL 32127, 767-5397)  
Vice President ..... Robert C. Owens  
(22 Ponce de Leon Dr., Ormond Beach, FL 32174, 677-0385)  
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(100 Silver Beach Ave., Daytona Beach, FL 32118, 255-1809)  
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(3 Sunny Shore Dr, Ormond Beach, FL 32174, 441-5584)  
Member-at-Large ..... Mrs. George Christie  
(1333 Margina Ave., Daytona Beach, FL 32114, 255-7253)

Next meeting - - - - - January 15th  
Bird Identification slides shown at  
7:00 PM. A short business meeting  
starts at 7:30, followed by our pro-  
gram of the evening. The program for  
this meeting will be a slide program  
about the Florida Trail presented by  
Mary Lou Deeley. She is the Chair-  
man of the Halifax-St. Johns chapter  
of the Florida Trail Association.

FIELD TRIPS

Trips leave the east end of the  
County Courthouse parking lot, City  
Island 8.00 AM on scheduled dates.  
Upcoming trips scheduled as follows:  
Sat. Jan 20th - Blue Spring State  
Park and Hontoon Island.  
Fri. Feb 2nd -Lake Woodruff Wild-  
life Preserve and DeLeon Springs.  
Sat. Feb 17th -Ravine Gardens and  
Welaka Fih Hatchery.

IF YOU MOVE - PLEASE LET THE EDITOR  
KNOW YOUR NEW ADDRESS. IT IS OUR  
WAY OF KEEPING IN TOUCH.

"Early Conservationist"  
(Continued from front page)

gave our grandfather his first  
breath also receives his last sigh.  
The wind also gives our children the  
spirit of life. So if we sell you  
our land, you must keep it apart and  
sacred, a place where man can go to  
taste the wind that is sweetened by  
the meadow flowers.

"Will you teach your children  
what we have taught our children?  
That the earth is our mother? What  
befalls the earth befalls all the  
sons of the earth.

"This we know: The earth does  
not belong to man, man belongs to  
the earth. All things are connected  
like the blood that unites us all.  
Man did not weave the web of life,  
he is merely a strand in it. What-  
ever he does to the web, he does to  
himself.

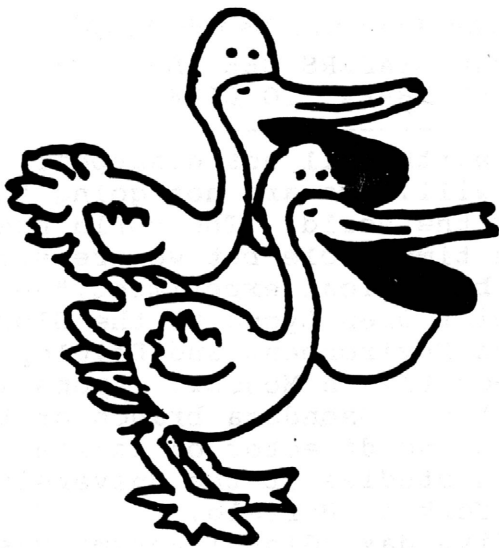
"One thing we know: our God is  
also your God. The earth is precious  
to him and to harm the earth is to  
heap contempt on its creator. - From  
"The Power of Myth," Doubleday, 1988

## Hugo Hits Beidler Forest Head-On

On September 21, shortly before midnight, Hurri-  
cane Hugo roared through Charleston and Sum-  
merville, South Carolina, and then smashed directly  
into Audubon's Francis Beidler Forest Sanctuary. The  
monster storm, packing 130-m.p.h. winds and spawn-  
ing scores of tornadoes when it arrived, took a severe  
toll on the sanctuary.

Beidler Forest Sanctuary protects more than 5,400  
acres of the ecologically significant Four Holes Swamp  
and includes the largest known tract of virgin tupelo/  
bald cypress left in the world. Fortunately, most of  
these grand old hardwoods withstood the onslaught.  
The forest's smaller trees were not so lucky. Swamp  
chestnut and laurel oaks, with their huge crowns and  
shallow roots, were easily blown over, as were red  
maple, ash, and overcup oak.

Many trees fell on the sanctuary's boardwalk. Be-  
tween 2,000 and 3,000 feet of the Beidler boardwalk  
was severely damaged, much knocked to the ground.  
Amazingly, the sanctuary's visitor's center was spared.



# The PELICAN

Newsletter of  
HALIFAX RIVER AUDUBON SOCIETY  
DAYTONA BEACH, FLORIDA  
CARLTON M. SMITH - Editor  
Ph. 253-3815

February 1990

## A PAYNE'S PRAIRIE ADVENTURE

Your editor and I spent a few exciting days in December camping in the Payne's Prairie State Preserve, Micanopy, FL.

The first hour at the Lake Wau-berg Recreation Area we spotted 26 different birds. It was a thrill to see several mature and immature bald eagles fishing in the lake. We were told that when there are eagles there will be no osprey. However, we did see one osprey.

In the shrubbery outlining a small stream there was quite a commotion which turned out to be several catbirds and tiny little birds that looked like a dab of scarlet paint had been painted on top of their wee heads. These, of course, were the Ruby-Crowned Kinglets.

One crisp morning as I raised myself up to a sitting position in the bed I was surprised to see a fine tom turkey trotting through our campsite, with his bright red wattle swinging to and fro, followed by two fat hen turkeys.

One day at sundown we took a hike on the three mile La Chua Trail which leads to an observation platform overlooking the Prairie. As we walked along the dike we observed fifty-five alligators intertwined with each other sunning on the opposite bank from where we stood watching them. Some were dull black and some were grey and most of them had legs that looked like they had been oiled and polished to a high gloss. The ditch was filled with gators also.

As we neared the observation

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Bird Identification slides shown at  
7:00 PM. A short business meeting  
starts at 7:30, followed by our pro-  
gram of the evening.

The program for this meeting will be a slide show on Whales presented by Mr. James Bates who, in the early 70's, worked with well known conservationist Dr. Paul Stone. Mr. Bates owns his own 45 ft schooner, the "De Sonagua" (pronounced Keenaqua) which is used summers for whale watching trips. He owns and operates a company called "Oceans Six" in New Brunswick. He is very interested in conservation and the preservation of the environment. - Angelo Cerrito

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As we neared the observation platform we heard and saw many flights of sandhill cranes. We were told by a ranger that there were 2000 cranes roosting out there on the Prairie. What a sight and what a racket! There were snow geese and Canada geese among the cranes also.

We saw loons and buffleheads on Lake Wauberg as well as the more common egrets and ibises. It was a fun time!  
- Vivian Smith



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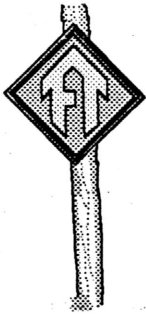
Thanks from the membership for the January refreshments furnished by Viola Curran.

### FIELD TRIPS

Trips leave the east end of the County Courthouse parking lot, City Island 8.00 AM on scheduled dates. Upcoming trips scheduled as follows:  
Sat. Feb 17th - Ravine Gardens and Welaka Fih Hatchery.

Fri. Mar 2nd - Matanzas Inlet and Washington Oaks Gardens.

Sat. Mar 17th - Black Point and Hoeck Drive, Cape Canaveral.



Florida Trail Association  
P.O. Box 13708  
Gainesville, Florida 32604



DID YOU KNOW -

That Dick Schuler of the Florida Trail Association, while attending the Take Pride in America Awards (TPIA) in Washington, discussed an idea for an Alexander Springs Wilderness Trail with Florida Forest Supervisor Bob Jacobs?

That Jacobs liked the idea and a meeting was set up with Jim Thorsen, Seminole District Ranger, Ocala National Forest?

That Thorsen was enthusiastic and The Alexander Springs Wilderness Trail became a TPIA project?

That work began as a joint effort of the USFS and the Halifax-St John's Chapter of the FTA?

That as a project partner, the USFS supervises trail work, provides safety equipment and tools, furnishes maps and aerial photos, covers trail workers with insurance, gives free camping to volunteer trail workers, approves trail and campsite locations, approves bridge construction and is a full partner in fund raising efforts?

That the FTA provides volunteers to scout and flag the proposed trail and volunteer trail workers to build a "Class A" footpath?

That the Alexander Springs Wilderness Trail is scheduled to be completed in June 1991, will be about a 2 miles in length running from the USFS River Forest Group Campground to Alexander Springs and is to be designated "For Foot Traffic Only"?

That many Civic Organizations as well as Commercial Sponsors have come through with generous gifts providing mechanical equipment and supplies needed to build this trail?

That to date volunteer workers have come from several Camping Clubs and four FTA Chapters?

For Auduboners wishing to volunteer the following info is offered:

- The Daytona Beach News-Journal  
SPIRITUAL LEADERS SEE ABUSE OF  
NATURE AS THREAT TO LIFE

-----  
"The earth will not disappear, but people will. We are not going to destroy the world. The world has its own time cycle but we are still only a biological experiment,"----- said Chief Oren Lyons at the Global Forum on Environment and Development held recently in Moscow. Lyons is Chief of the Onondaga branch of the Iroquois and director of native American studies at the University of New York at Buffalo.

The five day "Global Forum" was hosted by the Soviet churches and the first freely elected Supreme Soviet. This rare event was opened with an address from U.N. Secretary General Javier Perez and was scheduled to be closed with one from Soviet President Mikhail Gorbachev. Several U.S. Congress members were among the registrants.

"Indians have lived in nature, close to the earth, and understand its wisdom and laws," Lyons said. That wellspring philosophy needs to be brought to the world. "The world is very complex today, but values of life are simple. The principles of life are simple. If we break these rules, we break the cycles of life and will disappear."

Of indigenous spiritual leaders taking part, Lyons said "our own territories are small" but their affinity to nature needs to "be transferred to the public at large.

"There are natural laws that govern the air, that govern the land and govern the water, and it behooves us to know what those laws are if we are to survive....You can't argue with natural laws ... If we keep violating them, we will not survive.

-----  
Trail building dates - March 10 & 11, April 7 & 8, 1990.

Base Camp - River Forest Group Camp  
Daily Schedule - 7:30 Breakfast  
(Complimentary) - 8:30 Briefing on tools & safety, daily objective and travel plans - 9:30-11:30 Trail Work  
11:30-12:30 Lunch bring your own  
12:30-2:30 Trail Work - 5:30 Supper  
(Complimentary).

For further info: Jim Thorsen Ph 357-6172 or Dick Schuler Ph 985-4543



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## Grasshopper Studies Affirm Role of Birds in Controlling Insects

*Audubon Science Quarterly*

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Next meeting, March 19th, will be our last meeting of the season. Bird Identification slides shown at 7:00 PM. A short business meeting starts at 7:30, followed by our program of the evening.

The program for this meeting will be presented by a representative of the Land Acquisition Department of St. John's River Water Management District. He will present a slide program on the joint acquisition of land in the Lake George area by their department and Volusia County.  
- Shirley Owens

Audubon scientists at the Society's Research Ranch in Elgin Arizona spent the last three field seasons counting bugs. There, in protected prairie habitat, grasshoppers are the principal consumers of grasses. The goal of their research was to ascertain what role grassland birds have in controlling the population densities of these insects.

Sixteen caged enclosures were constructed to prevent birds from foraging on certain patches of grassland and were subject to weekly grasshopper counts for six months during 1987, -88 and -89. For a basis of comparison, an equal number of open grassland plots were studied during the same time period.

In the first experimental year, the researchers found that grasshopper densities were 50% higher in the cages than in the open plots. In other words, if there were 100 in the open plots, there were 150 in the caged plots. They got the idea, based on the weekly counts, that the cages were becoming centers for dispersal. They found that they were actually underestimating the impact of birds because as populations increased inside the cages, the grasshoppers dispersed out into the surrounding area.

In order to test for this unexpected occurrence, eight of the 16 cages were modified to make them less permeable to grasshoppers. With the birds unable to feed on the grasshoppers in the cages, and the grasshoppers unable to migrate outside the enclosures, the researchers

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 Sat. Mar 17th - Black Point and Hoeck Drive, Cape Canaveral.  
 Fri. Apr 6th - Tomoka Farms Rd and Mullet Lake, Seminole County

Audubon scientists at the Society's Research Ranch in Elgin Arizona spent the last three field seasons counting bugs. There, in protected prairie habitat, grasshoppers are the principal consumers of grasses. The goal of their research was to ascertain what role grassland birds have in controlling the population densities of these insects.

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In order to test for this unexpected occurrence, eight of the 16 cages were modified to make them less permeable to grasshoppers. With the birds unable to feed on the grasshoppers in the cages, and the grasshoppers unable to migrate outside the enclosures, the researchers found that grasshopper populations in the more secure cages grew to double that in the open grassland areas after only one field season.

When asked what all this meant, Carl Block, a researcher, answered "Birds really do have an affect in controlling grasshopper populations.

BAR-B-Q CHICKEN PICNIC

WHEN - Sat. March 31st at 1 P.M.  
 WHERE - Home of Jean and Angelo Cerrito, 6065 Hensel Rd. Port Orange (See map on back page)  
 WHAT - H.R.A.S. End of Season Picnic

BRING - Casserole, salad or dessert  
 Table Service and Lawn Chair  
 RESERVATIONS - Deadline - MARCH 27th  
 Call 252-0466, 761-6893 or  
 253-3815

## FISHING FOR THE FUTURE

## CHICKEN BARBECUE PICNIC MAP

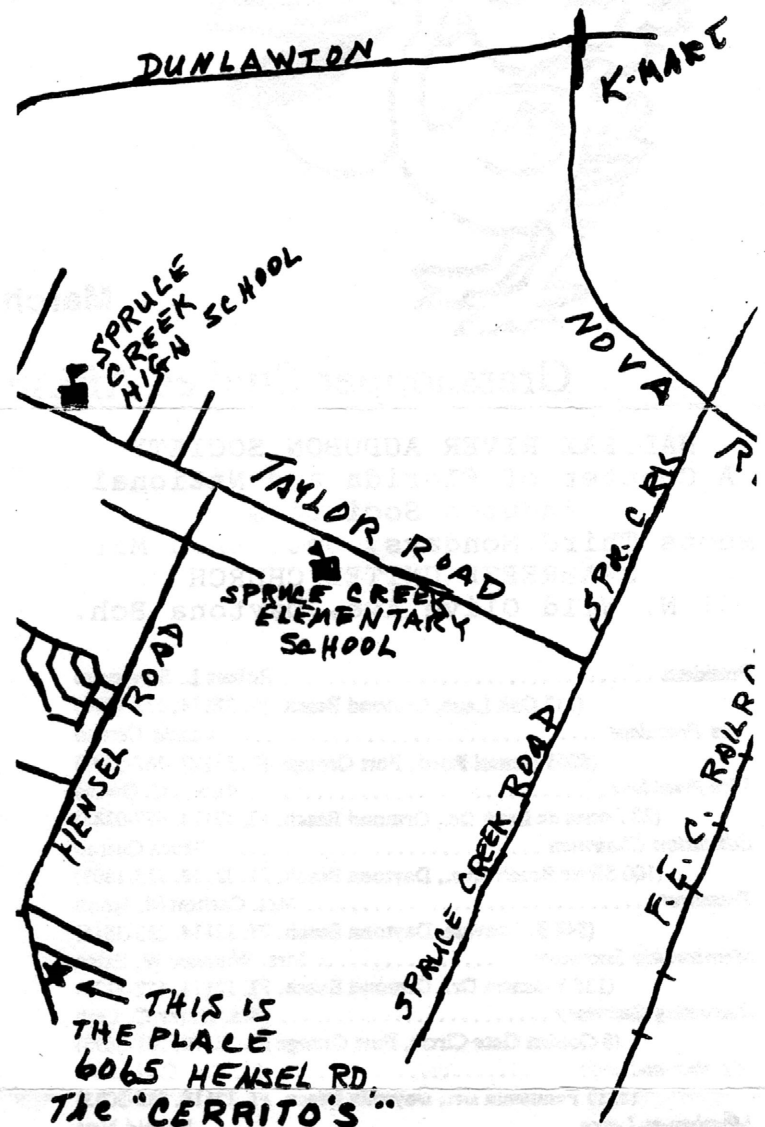
Because of increasing pressure on marine ecosystems and the lack of protection for fish populations, Audubon is expanding its environmental policy to include fisheries management issues.

Marine fishery conservation is decades behind on-land conservation. We think of most fish as only an economic or recreational value, says Dr Carl Safrina, Audubon research and policy ecologist. We don't think of fish in the ocean as the wild animal population that they are. Fish need to be managed as wildlife, not as commodities. There is virtually no biologically based management for ocean systems. There has not been a great deal of research conducted on population dynamics of oceangoing fish, but it is clear that many fish populations are declining. What we do know is enough to make management better.

Currently, fisheries management is administered by the Department of Commerce. However, the Com. Dpt. is not well oriented to deal with the uniqueness of fisheries: It is our only major food source whose supply is dependent upon natural reproduction in a wild environment. The fact that fish are wild animals makes their management needs fundamentally different from agriculture or domestic animal production. Since overfishing can induce collapse of the resource, fishery management, unlike the other two, demands that factors beyond market forces be considered.

To remedy some of the inequities inherent with the current system. Safina recommends that: 1) Fishery management plans be developed for all recreationally and economically important fish; and 2) Administration of fishery management be transferred to the Dept. of Interior, within the Fish and Wildlife Service so that management decisions can be directed by biologists.

ADDENDUM: H.R.A.S. SENDS CONGRATULATIONS TO PELICAN ISLAND AUDUBON AND OTHER COSERVATIONISTS OF BREVARD COUNTY ON THE ESTABLISHMENT OF THE INDIAN RIVER WATERS PRESERVE.

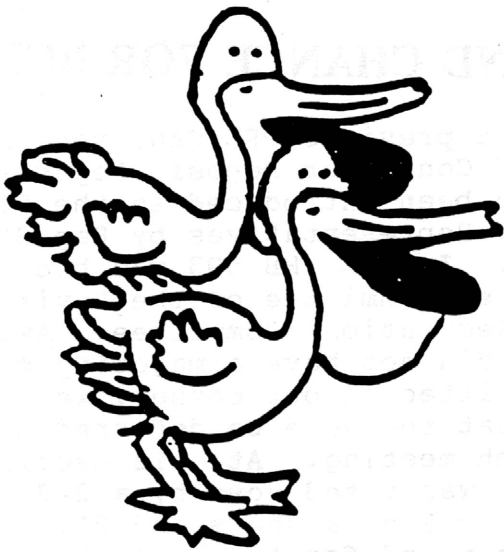


### LINE IT WITH PLASTIC

A recent survey of 497 double-crested cormorant nests found that 188 (37%) had plastic debris woven into them. Plastic taken from 64 unused nests (i.e. no eggs or nestlings therein) was enough to fill a 15-gallon trash bag.

Double-crested cormorants typically gather nesting material from the surface of the water, occasionally diving for seaweed making them more likely to come in contact with floating trash.





# The PELICAN

Newsletter of  
HALIFAX RIVER AUDUBON SOCIETY  
DAYTONA BEACH, FLORIDA

CARLTON M. SMITH - Editor  
Ph. 253-3815

April 1990

## Earth Day 1990

In 1970, more than 20 million people participated in the largest organized demonstration in history. Many thousand primary and secondary students, 2,000 colleges and universities, and virtually every community in the United States banded together to share concern about the environment. This new commitment assisted the prompt passage of the Clean Air Act and the Clean Water Act. The president of the U.S. and Congress were pushed to establish the Environmental Protection Agency. It created a new sense of responsibility for the earth.

Earth Day 1990 is a campaign to heighten awareness of, and participation in, the celebration of the 20th anniversary of that Earth Day. Once again, on April 22nd, people will unite and make a long term commitment to maintaining a safe, healthy earth. Earth Day celebrations will span nations, economies and cultures and will draw support for environmentally sound products, investments and policies.

Earth Day goals include a worldwide ban on chloroflourocarbons, increased protection of endangered species and their habitat and the implementation of a strong recycling program. These are just a few of the concerns that will be voiced by all.

Scheduled Earth Day 1990 activities include planting of one billion trees and urban gatherings to provide forums for discussing important environmental issues. Schools, businesses, churches and the media will focus their effort on maintaining a healthy planet. Earth Day 1990 is a

HALIFAX RIVER AUDUBON SOCIETY  
A Chapter of Florida and National  
Audubon Societies  
Meets Third Mondays, Oct. thru Mar.  
SEABREEZE UNITED CHURCH  
501 N. Wild Olive Ave, Daytona Bch.

President ..... Robert L. Stevenson  
(112 Oak Lane, Ormond Beach, FL 32174, 673-1838)  
Vice President ..... Angelo Cerrito  
(6065 Hensel Road, Port Orange, FL 32127, 767-5397)  
Vice President ..... Robert C. Owens  
(22 Ponce de Leon Dr., Ormond Beach, FL 32174, 677-0385)  
Education Chairman ..... Bruce Curran  
(100 Silver Beach Ave., Daytona Beach, FL 32118, 255-1809)  
Treasurer ..... Mrs. Carlton M. Smith  
(542 S. Lanvale, Daytona Beach, FL 32114, 253-3815)  
Membership Secretary ..... Mrs. Windsor W. Esten  
(135 Valencia Dr., Ormond Beach, FL 32176, 672-9132)  
Recording Secretary ..... Mrs. Harry C. Lesh  
(8 Golden Gate Circle, Port Orange FL 32119, 761-6893)  
Member-at-Large ..... Lt. Col. Carl Lentz  
(1215 Peninsula Dr., Daytona Beach, FL 32118, 252-5053)  
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(3 Sunny Shore Dr, Ormond Beach, FL 32174, 441-5584)  
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(1333 Margina Ave., Daytona Beach, FL 32114, 255-7253)

March was our last meeting until fall. Thanks to all the members who provided refreshments at this years meetings, and to Jean Lesh, Carl Lentz and Jean and Bill Francis for staying to clean up after the picnic at Jean and Angelo Cerrito's, March 31st. A special thanks goes to Carl for cooking the chicken and to Angelo for setting up tables. The picnic was great fun and well attended.

- V.S.

Next meeting, October 15th, will be our first meeting of the 1990-91 season. Bird Identification slides usually shown at 7:00 P.M. A short business meeting starts at 7:30 and our program of the evening follows.

We hope your summer will be great.

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We hope your summer will be great and, until next fall - Good birding!

### ODD SIGHTINGS

Doug Hancock recently saw at the San Sebastian Golf Course, a pair of Sand Hill Cranes nesting. Two eggs had been layed on the fairway between the 2nd and 8th holes. The area of the nest was roped off and declared a "hazard area". A ball hit there had to be thrown out and played from its new location. When last seen, the adult cranes were still attending the nest.

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Scheduled Earth Day 1990 activities include planting of one billion trees and urban gatherings to provide forums for discussing important environmental issues. Schools, businesses, churches and the media will focus their effort on maintaining a healthy planet. Earth Day 1990 is a product of normally loose affiliations of environmental organizations breaking all boundaries, by joining together in this worldwide endeavor.

Though H.R.A.S. has finished its scheduled activities, it, along with the other chapters of Florida and National Audubon Societies, joins in wholehearted support of this effort. Please join in any of the advertised activities in which you may have an interest. Get involved, even if you only write a letter as requested for the CAT program or the wearing of green attire to show your support.

INTERESTED IN OUR YOUTH? READ ON!

HRAS Board has voted to place copies of "Audubon Adventures" in the 5th grade classes of several local schools. This is an excellent opportunity to interest our youth in the environment and to give them an appreciation of the role nature will play in their future lives.

"Audubon Adventures" is a bi-monthly newspaper edited by National Audubon Society, dealing in nature, ecology and environmental subjects. Each student is provided a copy of the paper. The teacher is provided with a lesson-plan to guide the students through the paper.

In order to cover expenses, it is necessary for NAS to charge \$30.00 per class for a yearly subscription. HRAS cannot afford to underwrite the entire program. The treasury would soon be depleted if we tried.

At our last meeting, the members were so enthused by the program that several gave \$30.00 each so that more classes could be covered. Some of those not in attendance at that meeting may like to sponsor a class also. If you would like to help spread an appreciation of nature to these young minds, in their formative period, make your checks payable to Halifax River Audubon Society, mark it for "Audubon Adventures", and send it to Vivian Smith, treasurer, 542 S. Lanvale Av Daytona Beach, FL, 32114.

- Carl Lentz

#### FIELD TRIPS

Leave the east end of the County Courthouse parking lot, City Island 8.00 AM on scheduled dates. Upcoming trips scheduled as follows:

Sat. Apr 21st - North Loop-Dixie Hwy - Dupont Rd - Lake Dias

Fri. May 4th - Local areas for spring migration.

#### KUDOS FOR FL DNR

It has been reported that the shallow north end of the Ichetucknee River, where the bed was stomped clean by "tubers," is now covered with vegetation and is a paradise for otters, beavers and gators.

## - SECOND CHANCE FOR BCDL!

From a previous PELICAN, you know Beverage Container Deposit Legislation had been introduced in the Fla. House of Representatives by Rep Stan Bainter. In Feb, HB 593 was brought up in a subcommittee of the Environmental Regulations Committee. Aware that we did not have a majority of the committee in our corner, we asked that the vote be deferred to the March meeting. At this meeting, the bill was voted down by a 2-2 tie. Reps Ron Saunders and Elvin Martinez voted for the bill, Reps Tom Drage and Irio Bronson voted against. Please thank Reps Saunders and Martinez for their support.

While it is disappointing to have suffered this loss in the House, we are optimistic about the Bill's future in the senate. Senate Bill 320 is scheduled to be heard before the Senate Natural Resources Committee of which Sen. Tom McPherson is Chairman. Not only has Sen. McPherson been recognized for his environmental efforts, but he is an avid supporter of BCDL and has sponsored similar legislation many times in the past.

ONCE AGAIN WE NEED YOUR HELP. The eight members of the Natural Resources Committee will be heavily lobbied by the opposition. Therefore we must remind our senators that we want a Bottle Bill and NOW is the time for them to vote for it.

PLEASE CALL OR WRITE

Hon. Tom C. Brown, 904/253-9327  
326 1/2 S Beach St Daytona Bch 32114

AND VOICE YOUR SUPPORT OF SB 320

H.R.A.S. DONATIONS

During the 1989-90 season, your Audubon Society chapter made donations amounting to \$1,170.00 to Environmentally Sensitive projects. Among which were: The Environmental Council of Volusia and Flagler Ctys. The Nature Conservancy, The Audubon Adventures Program, Museum of Arts and Sciences, Environmental Information Center and The Botanical Gardens of Volusia. VFS, treasurer

# The Pelican

Newsletter of the HALIFAX RIVER AUDUBON SOCIETY

A Chapter of FLORIDA and NATIONAL AUDUBON SOCIETIES

October 1990

## SJWMD Adopts Budget


By Bob Owens

The St. John's River Water Management District approved the 1990-91 fiscal budget on Sep. 26th. The ad valorem tax rate was increased from .346 to .358, resulting in a total revenue from the 19 counties involved of \$31,600,000. Last year the total receipts were \$28,222,614.

This increase (Please note) constitutes only a 30 cents per year increase on a \$50,000 home (with a \$25,00 exemption), 60 cents on one valued at \$75,000, 90 cents on one valued at \$100,000 etc. The total budget approved is a 1.1% increase for \$112,725,395.

The Staff and Board are to be commended for adopting a responsible budget. The State has continually given the District more and more responsibilities without adequately funding them. This has left the District with no alternative but to raise the operating budget to be able to carry out its duties. It is still within its legislative cap of 6 mils, in fact is 2.42 below it.

### Help make a difference!

Joining the Audubon Activist Network has never been easier--or more urgent! By signing the Activist Pledge—a commitment to write two letters and make two phone calls during the year for Audubon issues—you can be part of a growing corps of Audubon activists who want to make their voices heard. By making the Pledge, you will receive the newly designed and monthly *Audubon Activist*, as well as *Action Alert* bulletins on key votes in Congress. Simply fill out the form  and send to: *Audubon Activist*, 950 Third

## THE SECRETARY SAYS

The first meeting of the new term was called to order at 3:00 PM, Oct. 1st at City Island Library. This new term has some new beginnings for our members. You are reading one now.

Your Chapter Board unanimously voted to: A) Print and distribute our newsletter "The Pelican" monthly year round, in an effort to improve information flow to our general membership and to encourage greater participation within the membership body. B) To advise, within these pages, all members of the decisions made by your board of directors and the matters under discussion. You are invited to attend board meetings as well as regular member meetings.

The board also voted to upgrade membership files through compatible software available from National Audubon Society. This move will, in future savings, pay for itself.

From St. John's Water Management District, we are reminded to look for land acquisition issues on local ballots and to support them. Land acquisition protects our disappearing wetlands and woodlands from those who only see dollar signs for themselves in the destruction of those areas.

To our retiring Membership secretary, Mrs. Mildred Esten, we extend our grateful thanks for your years of service to our cause. To our new Membership Secretary, Mrs. Audrey Christie, we say "Welcome, it's nice to have you move up the ladder."



AMBROSE ©90

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Another matter discussed by the board was Chapter History. Is anyone interested in it? How much paper work do we need to save and for how long? Do we need an Historical Committee? The board decided to discuss this further at our next meeting.


We need member participation!! Somewhere among our 500 members, is a person in need of a job to do well. Do you like slides and projectors? Do you know your birds? Do you love an audience? Step for-

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(SEE BACK PAGE FOR FORM)

ward and be counted. We have the job for you. If you're interested in presenting a brief slide program at each of our meetings, contact one of our officers as listed elsewhere on this page.

Once again, Please get involved. "Many hands make a light load" is a familiar quotation. It is as true today as it was in our youth. We need you.

Til next month... Jean Lesh  
Recording Sec'y.



"I think the birds who were in it have a winter place in Florida."

Listed below are the scheduled trips for our 1990-91 Season. Cut it out or save this issue for future reference. Portions of this schedule will be published each month to allow for changes and to keep you current.

Trips leave City Island Courthouse parking lot at 8:00 AM on scheduled dates. Cars not needed may be parked at the starting point. Those who do not drive their own cars are encouraged to share the cost with those that do. The suggested contribution is \$4.00.

If you care to lead any of the scheduled trips or volunteer to add others, please contact Carl Lentz, our Field Trip Chairman.

1990

- 20 Oct Sat Tomoka Farms Road - Mullett Lake
- 2 Nov Fri Tomoka Marshes
- 17 Nov Sat Alexander Springs
- 1 Dec Sat Lake Woodruff - DeLeon Springs State Park
- 14 Dec Fri Shiloh Marsh - BlackPoint Drive

1991

- 5 Jan Sat Hontoon Island
- 18 Jan Fri Blue Spring State Park
- 2 Feb Sat Lake Woodruff Ntl Refuge
- 15 Feb Fri Ravine Gardens - Welaka Fish Hatchery
- 2 Mar Sat Black Point & May Heck Drives
- 15 Mar Fri North Loop Dixie Hwy - Dupont Rd - Lake Dias
- 6 Apr Sat Tomoka Farms Road - Mullett Lake
- 19 Apr Fri Washington Oaks - Matanzas Inlet
- 4 May Sat Zellwood Farms

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- 135 Valencia Dr OrmBch 32176 672-9132

# AUDUBON ACTIVIST



From Front Page



YES, I'd like to be an Audubon Activist. I'll receive a complimentary subscription to the *Audubon Activist* news journal, plus *Action Alert* bulletins when my letter or phone call is needed, plus the chance to be part of a telephone network, and access to the Actionline phone number with taped updates on late-breaking environmental news. *For my part, I pledge to take action by writing at least two letters and making at least two phone calls for Audubon each year.*

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Chapter: HALIFAX RIVER CHP E41

Signature: \_\_\_\_\_

HALIFAX RIVER AUDUBON SOCIETY  
542 S. LANVALE AVE.  
DAYTONA BEACH FL 32114-3943  
ADDRESS CORRECTION REQUESTED

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MRS AUDREY CHRISTIE  
1333 MARGINA AV  
DAYTONA BCH FL 32114

9/90

# The Pelican

Newsletter of the HALIFAX RIVER AUDUBON SOCIETY

of the FLORIDA and NATIONAL AUDUBON SOCIETIES

November 1990

AMBRUCE © 90

## Conner's Comment

WHY SHOULD FLA. HAVE A BOTTLE BILL WHEN WE HAVE COMPREHENSIVE, STATE-MANDATED RECYCLING PROGRAMS?

Beverage containers make up, by weight, 45% of the solid waste stream. Since most of the rest of the solid waste is paper, yard trash, food scraps, or other combustible/compostable material, the glass and metal containers make up a much larger share (than 45%) of the waste that cannot be otherwise recycled, composted, or burned.

## Honor Roll

MAGGIE WALKER

In Deland lives the counterpart of the Halifax Area's Mary Keller. Maggie is also vitally interested in the environment and protecting it and its inhabitants.

Her home is open to all injured birds and animals. With only a few donations and her own resources, she shelters, feeds and treats them back to health. If possible she reintroduces them to the wild. Otherwise, she continues to care for them.

She riles against negligent pet owners, law-breaking hunters and those that poison the environment with the use of illegal chemicals.

One of her most important tasks is the educating of both children and adults to have an appreciation of the environment. She takes her birds and animals to schools and meetings of varied organizations. There she gives talks on her love of animals and tries to inspire the

Doyle Conner, Commissioner of the Florida Dept. of Agriculture stated in a recent issue of the "Fla. Market Bulletin" that "in the next two generations, world agriculture will be called upon to produce as much food as has been produced in the entire 12,000 year history of agriculture."

He says that 30 years ago there was serious concern that the world could not then produce enough to feed the growing population. However, tremendous changes were in store. Seeds of the "Green Revolution" had already been planted. World output of grain increased by more than two and a half times and food importing nations became net exporters.

But since the mid 1980's, population surges in countries that have had the lowest capabilities of feeding themselves, has brought us back to the thinking of the sixties.

"Estimated population growth for the next quarter century is so enormous that warning bells should be sounding all over the globe," he said. Even conservative estimates say that in another 15 yrs the world population will be nearly 11 billion people.

In today's world, 3/4 of the people can barely feed themselves; almost 500 million people are severely undernourished. Over 41,000 children die of starvation every day, 15 million each year.

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One of her most important tasks is the educating of both children and adults to have an appreciation of the environment. She takes her birds and animals to schools and meetings of varied organizations. There she gives talks on her love of animals and tries to inspire the same love in others. She gave such a talk at a recent meeting of HRAS.

The members of HRAS take great pleasure in thanking Maggie Walker and expressing our appreciation for her dedication to the animals.

- Carl Lentz  
- - - - -

REFRESHMENTS for the October meeting were furnished by Vivian Smith, Jean Lesh and Audrie Christie. June Francis will provide them for our November meeting. To these ladies, we are very thankful.

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In the United States, where for most of our population, the task of securing food means only a trip to the supermarket, one of our main concerns is how to eat less. The projected population increases and the dire food shortages are not projected for the U.S. "However," says Conner, "utilization of our food-production capacity might be the solution to the growing problem of world hunger. "Unless," he stressed, "U.S. agriculture is placed under such constraints that this utilization is forbidden."

Farming is often seen as a threat to the environment. This is a sore point among farmers who consider

(Continued on Back Page)



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501 N. Wild Olive Ave, Daytona Bch. NEXT MEETING - 7:00 PM, NOV 19, 1990

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Sat., Nov 17th - Alexander Springs
Sat., Dec 1st - Lake Woodruff and DeLeon Springs State Park.
Fri., Dec 14th - Shiloh Marsh and Black Point Drive.

DONATIONS

- During the 1989-90 season, your Audubon Chapter gave to the Volusia Library Center the following environmentally oriented books:
THE BOOK OF THE SHARK 597.31Ban
SHARKS 597.31Ser
DOLPHINS AND PORPOISES 599.53E11
SHARKS IN QUESTION 597.13Spr
WOOD WARBLERS' WORLD 598.872Har
CHALLENGE OF GLOBAL WARMING 551.6Cha
THE FATE OF THE FOREST 574.52642Hec
WILDLIFE OF THE FLA KEYS 591.9759Laz
LOSING GROUND 338.18U1r
THE NEXT 100 YEARS 333.9516Wei
ICE AGES 551.792Eri
OUTDOOR LIVING & GARDENS 712.60Out
GLOBAL ECOLOGY NETWORK 363.7G1o

NOTICE OF COMING ATTRACTIONS

MARK YOUR CALENDAR! Plan to attend!

Steve Shirah, well-known Wild Flower Photographer, will present our program at the Nov 19th meeting. Steve's pictures are outstanding and many have been published. Among others, The News Journal has made good use of them, printing some of them on several occassions. His presentation of slides is accompanied by precise identification, both common and latin names. Thanks in advance, Steve. We are looking forward to the evening.

Our annual Pot Luck Christmas dinner will be 6:30 PM December 17th; Same location as our regular meetings, Seabreeze United Church, 501 N. Wild Olive Av., Daytona Beach. We will be entertained by "Senior Chorus", a group of about thirty seniors who sing, dance and perform in pantomime. They are directed by Mary Opperman and accompanied at the piano by Ann O'Conner. Yo'all be there! - Audrey Christie

(continued from front page)

CONNER'S COMMENT-

themselves environmentalists first. Use of pesticides and synthetic fertilizers have acquired a bad name, although they directly account for our rapid increase in food productivity in the past thirty years.

A return to the "The Good old days" is simply not feasible. We would not be able to produce the quantity of food we need nor the quality and attractiveness of today's food. Conner asserts that a return to the "Good old days" would be a giant step backwards and ignore the needs of the world today.

He finishes by saying, "A bountiful food supply, at reasonable prices, is the secret of a nation's affluence. We must not hamstring our food producing system for the sake of environmental and anti technological causes." (There may be food for thought in what our commissioner has to say. - Editor)

# The Pelican

NEWSLETTER OF THE HALIFAX RIVER AUDUBON SOCIETY

A CHAPTER OF THE NATIONAL AUDUBON SOCIETY

DECEMBER 1990



AMBROSE © 90

## "WILDLANDS CREATE A FIRE HAZARD" -Florida Department of Agriculture

An explosive situation can develop when residential construction encroaches into rural wildlands, where combustible homes are surrounded by combustible vegetation.

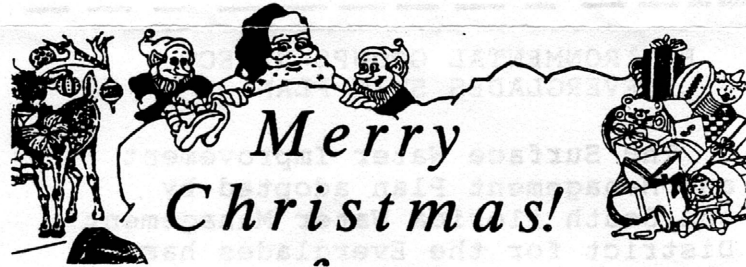
In technical terms, this is known as the wildland/urban interface. Typical interface areas in Florida are large subdivisions, which have been carved out of wildlands and only partially developed.

Any fire starting in these areas or adjoining wildlands puts lives and property at great risk. Relatively flat terrain and abundant rainfall normally afford firefighters an opportunity to control interface fires in a timely manner. However, when rain doesn't come or a killing frost decimates the vegetation, disaster can strike.

When these extreme fire conditions exist, large uncontrolled flame fronts in heavy unbroken fuels can destroy lives, property and natural resources.

Managers are unable to successfully predict fire behavior in this environment of wildland fuels, homes, exotic landscape vegetation and streets, which act as wind tunnels.

A disastrous fire in 1985 focused attention on the growing problems associated with fire in the interface. Actions have been initiated by the fire services to mitigate



HELP US CELEBRATE  
POT-LUCK CHRISTMAS DINNER  
6:30 PM, Monday, December 17th

Regular meeting place  
SEABREEZE UNITED CHURCH  
501 N Wild Olive, Daytona Beach

The main course, baked ham, as well as coffee, tea, plates, knives, forks, spoons, cups, etc, will be furnished by HRAS. Bring yourselves, a favorite dish, vegetable, salad or dessert, and enjoy good fellowship.

We will be entertained by the "Senior Chorus", a group of about 30 seniors who sing, dance and perform in pantomime. They are directed by Mary Opperman and accompanied at the piano by Ann O'Conner. They will also be our guests for dinner, so come and be prepared for a lovely evening.



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Florida's Wildland/Urban Fire Protection Initiative outlines a number of issues which will require action by not only the fire services, but also by homeowners, planners, developers and legislators.

If you would like to have someone inspect your property and suggest ways to improve fire protection, contact the Florida Division of Forestry, listed under the Florida Dept of Agriculture and Consumer Services in the telephone directory.



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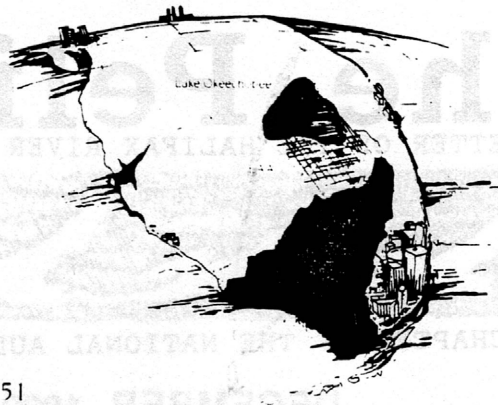


RESEARCH ENERGY  
EFFICIENCY BEFORE  
YOU BUY

Fuel economy and energy efficiency vary among cars and appliances. Research and consider these factors as carefully as you consider price. Write for a copy of the Audubon Activist Carbon Dioxide Diet Poster (see address below) for more specific tips on how to cut down your energy calories. Consumer Reports, 256 Washington St., Mount Vernon, N.Y. 10553, and the American Council for an Energy Efficient Economy, 1001 Connecticut Ave., N.W., Washington, D.C. 20036, are also good sources for information.

# I want to help Save the Everglades!

Please use my contribution to keep development OUT of the Everglades Agricultural Area.



\$25    \$50    \$100  
 \$250    \$500    OTHER

MC    VISA   EXP DATE \_\_\_\_\_  
CARD NO. \_\_\_\_\_

\_\_\_\_\_  
SIGNATURE

Please make checks payable to:  
**Florida Audubon Society**  
1101 Audubon Way • Maitland, FL 32751

Your gift **WILL** make a difference

## ENVIRONMENTAL GROUPS REJECT EVERGLADES SWIM PLAN

The Surface Water Improvement and Management Plan adopted by the South Florida Water Management District for the Everglades has been widely criticized by environmental groups including Florida and National Audubon and the Everglades Coalition. The plan is said to be a hollow promise that will allow water quality degradation coming from the Everglades Agriculture Area to continue.

Weaknesses in the plan include:

- \*No clear commitment to meet water quality standards.
- \*Ignores pollution coming from the lands west of the EAA which contribute to the pollution load.
- \*Lack of insurance that the plan, if implemented, would not deprive the Everglades of water.
- \*Lack of identification of pollution sources within EAA as required by the SWIM law.

The Everglades Coalition has urged that the following changes be made in the SWIM plan:

- \*A clear commitment to meet existing Florida Water Standards for all discharges to Lake Okeechobee and the Everglades.
- \*Establishment of a specific performance standard for phosphorus in discharges to the Everglades.
- \*Provision of full funding to achieve a major part of the reduction in nutrient loading according to a specific time schedule - within five years at most.

## Maggie Walker, 'Bird Lady,' dies

Our "HONOR ROLL" Lady of last month died of cancer Saturday, December 4th. "If anyone lived by the Audubon creed that each living thing is important She did." "She was just great lady and this is a real loss to us." -

## FIELD TRIPS

Leave the east end of the County Courthouse parking lot, City Island, 8:00 AM on scheduled dates. Upcoming trips are scheduled as follows:

- Fri., Dec 14th - Shiloh Marsh  
and Black Point Drive
- Sat. Jan 5th - Hontoon Island
- Fri. Jan 18th - Blue Spring State  
Park

If you care to lead any of the trips or volunteer to organize others, please contact Carl Lentz, our Field Trip Chairman

- \*Commitment to operate multipurpose Water Management Areas for the maximum benefit to the Everglades.

- Adapted from "Everglades Update"  
A publication of NAS