

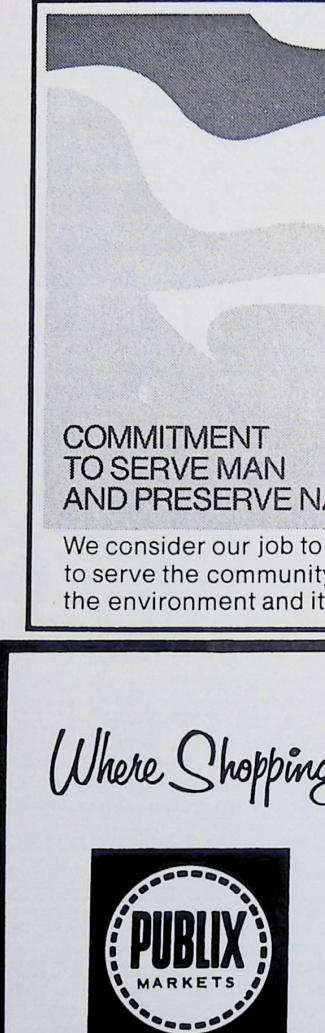
THE

NOVEMBER - DECEMBER 1972



FLORIDA GARDENER





COMMITMENT
TO SERVE MAN
AND PRESERVE NATURE

We consider our job to be two-fold:
to serve the community while protecting
the environment and its natural beauty.



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THE FLORIDA GARDENER

The Official Publication of the
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non-profit organization

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circulation and manuscript guidelines.

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Page 1

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STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION
(Act of April 12, 1970 (Section 3685) Title 39, United States Code)

SEE INSTRUCTIONS ON PAGE 2 (REVERSE)

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2. MAIL SUBSCRIPTIONS	28,003	27,692
C. TOTAL PAID CIRCULATION	28,003	27,692
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I certify that the statements made by me above are correct and complete.

Signature of editor, publisher, business manager, or owner
Mrs. Jack Allen, Editor

PS Form 3526 July 1971

President's Message



This is the time to evaluate your club's projects and accomplishments of the calendar year. Award deadlines are drawing near. We urge you to check the State and National awards listed in the Book of Information. Check for any changes in the Supplement. It takes a little time on your part to apply and prepare a book of presentation where needed. The size of a club is considered in the judging therefore every club has the same opportunity no matter how large or small. It is the percentage of members participating that determines the winners.

The recent District Meetings were an inspiration and a joy to attend. "Recognition" was the theme. Sincere appreciation is extended to the Directors for their efficient planning and to the Hostess Clubs for all courtesies rendered to the visiting officers.

It was a privilege to represent the members of the Florida Federation of Garden Clubs at the recent Board Meeting of the National Council of State Garden Clubs at White Sulphur Springs, W. Va. A detailed report of the

meeting will be given to the Board of Directors at the January meeting.

Since this is the Holiday issue of the Gardener we reflect and give thanks for the success of our various programs and to all who assisted in them. We have accomplished a great deal in this past year.

Many congratulatory letters have come in for our sponsorship of the pilot youth conservation conference. We received National recognition for this effort.

With Christmas soon approaching let us be mindful of the less fortunate and participate in projects and programs regarding Garden Therapy and World Gardening on local as well as State levels.

Due to sizeable reductions on orders of our Florida Flower Arrangement Calendars we have some on hand at a time of year when we usually are sold out. Won't you please order some to use for Christmas greetings to special friends? We have FFGC cookbooks on hand that also would make nice gifts for someone on your list. These are both profit making items for your club.

Your President and the members of the Board of Directors wish you a Happy Thanksgiving and a most Joyous Christmas Season.

Cordially yours,

ANNE GURKE

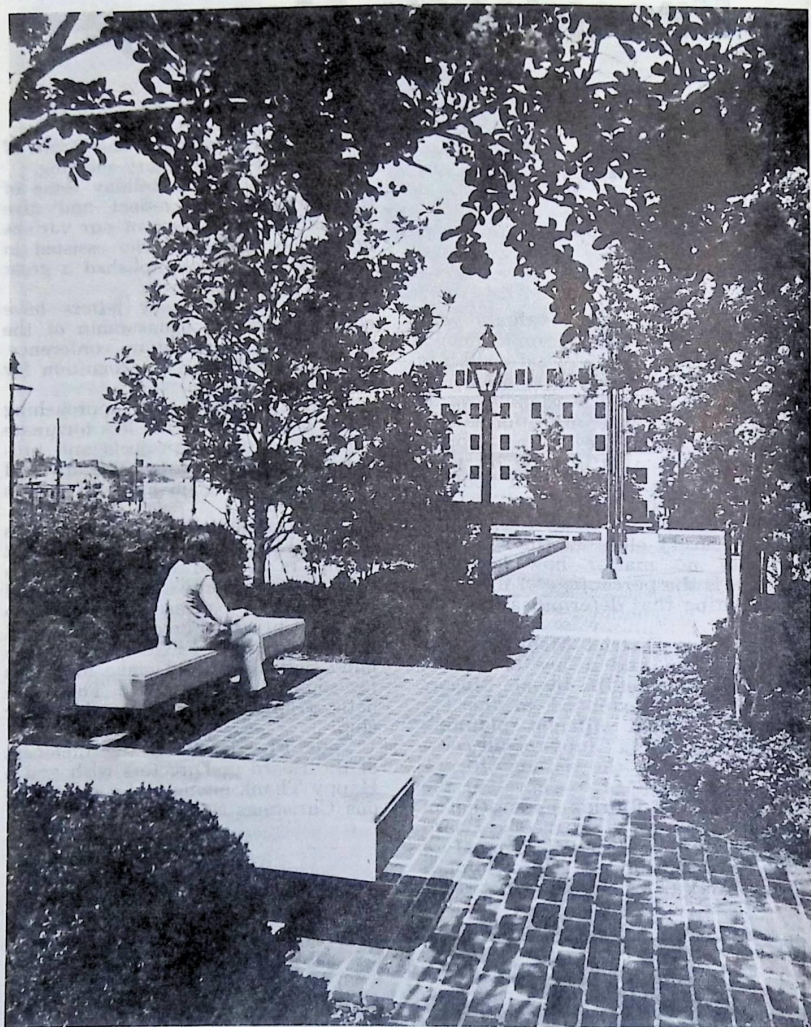


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Peace in the Asphalt Jungle — Little park areas, lushly planted with flowering trees, shrubs, grass and other plant life, provide a healthful and tranquil setting in contrast to the busy city. Because plants are effective pollution fighters and sound barriers, they offer an enormous service to people in downtown and urban areas.

Parks such as these provide an opportunity for individuals to take a "green break" and relieve the tensions of their day. According to the American Association of Nurserymen, many communities are awakening to the need for such mini-parks throughout their city areas. From "Lawns and Gardens 1972."

Editorial

By looking back to the beginning of 1972, it "should be as those who are running a race, only to press forward the faster," in our work as gardeners.

Please note, we have added four pages, which starts with this issue of TFG and will be continued through issues 3, 4 and 5 of volume 21 (this administration). The pages will be used specifically for key facets (conservation, horticulture, landscaping, flower shows, and nature studies) FFGC's board members approved this action September 26, 1972, in regular session. Committees of key facets were invited to write the features.

Emphasis this issue: "Conservation

Education" Pine Jog Environmental Sciences Center, West Palm Beach, "Horticulture for Everybody," and the "Youth Environmental Conference." Keep abreast of what is happening read the calendar of events. Many state chairmen presents program information and reports current achievements. Also, space is afforded clubs and circles for their news.

We are approaching the season of "JOY" and from our standpoint as gardeners there are myriad of ways of sharing. Let's share our hobby the art of gardening.

"The greatest pleasure of life is love."—Sir W. Temple

"JONATHAN LIVINGSTON SEAGULL"

A STORY BY RICHARD BACH as seen by DODIE BLASCHIK

You may at first glance wonder why a book review about a seagull in a gardening magazine. If your curiosity has taken you this far, don't be deterred to further discovery.

Seagull yes, but more an idea; challenging, far-reaching and limitlessly applicable wherever and whenever one has the desire to soar.

Mr. Bach has captured the simplicity and beauty of the freedom philosophy in this story of a seagull, who dared to satisfy his obsession to fly higher and faster, only to become an outcast of his flock; but also to learn,

a seagull must be true to his nature to realize there is a way of life so rewarding in itself, and that being an "outcast" released him from the boredom, fear and anger that had shortened the lives of so many gulls. He had learned to fly and was not sorry for the price he had paid.

Adventure into this little book and expose yourself to the possibility of creating new HEAVENS in the gardening world, the axis of which so much of life rotates.

Your race to learn may begin!

Published by MacMillan \$4.95

Calendar of Events

1972

Landscape Design School, Course III, Series VI, Jacksonville	Nov. 8-10
FSS Course V, Lauderdale-by-the-Sea	Nov. 14-16
FSS Course V, Tampa	Nov. 29-Dec. 1

1973

Florida Arbor Day	Jan. 19
Board of Director's Meeting, Winter Park	Jan. 23-24
Tropical Short Course, BCC, Fort Lauderdale	Jan. 30-31
Deep South Regional Meeting, Mobile, Alabama	Mar. 21-23
Blanche Covington Nature Study Course	April 23-26
State Bird Day	May 1
Landscape Design School Course IV, Series VI, Jacksonville ...	May 9-11
NCSGC Convention, Seattle, Washington (Olympia Hotel)	May 14-18
Pre-Convention Board of Director's Meeting (FFGC)	May 21
State Convention, Contemporary Hotel, Disney World	May 22-24
Post-Convention Board of Director's Meeting (FFGC)	May 24

Annual President's Conferences

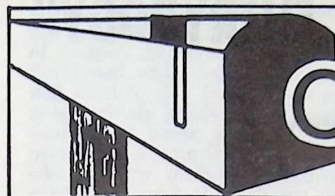
IX Naples	May 29	VII Maitland	June 6
XII Miami	May 30	V Rainbow Lake Estates	June 7
XI Lighthouse Point	May 31	IV Orange Park	June 8
X Canal Point	June 1	III Carrabele	June 11
VI Palm Bay	June 4	II Chipley	June 12
VIII Bradenton	June 5	I Milton	June 13

Conservation Teachers Workshops:

University of West Florida, Pensacola	Mid-June
Pine Jog ES Center, West Palm Beach	Mid-June
FSS Symposium, Tampa	Fall
Junior Nature Camp	July-August
NCSGC Board Meeting	October

1974

State Convention, Tallahassee	
NCSGC Convention, Sheraton-Boston Hotel, Boston, Mass.	May 12-17



Circulation

"Fall" finds the circulation department with its ups and downs, but optimistically so.

Interest on the part of club members has apparently increased. The telephone calls and concern is indeed appreciated.

Evidently there were numerous duplicates with the first mailing of volume 21 through no fault of this department, but to the labeling machine. Unfortunately it does cost "us" money so we will do all possible to eliminate any duplication.

Annual membership lists have been trickling in—with only about 20% reporting. Circulation files can never be updated with this kind of showing. Also, if you have any outstanding bills for address changes we would appreciate prompt response.

Resume of the minutes of the September 26-27 board meeting will possibly contain information affecting FFGC's circulation policy. — Please read!

To date 310 Gardeners have been returned from the September mailing due primarily to address changes, with only a few deceased. Feel sure we haven't seen the last of them either.

Several requests from garden clubs have come to this department for us to supply them with our mailing lists to compare with their membership list. We cannot oblige; the task would be insurmountable with nothing gained. Let simplicity, brevity and promptness be the by-word, when seeking a better way.

A few more points and then end of requests and lecture. Please refrain from **cursive** writing when preparing lists and don't forget to double space. New chairmen can refer to Volume 20, issues 1 through 5, for complete circulation guidelines.

The Florida Gardener needs your **coadjuvancy** in order to circulate. It

takes so little time, only a little effort, but definitely some concern on your behalf for this department to expedite its business.

"... to communicate with someone is to effect some form of change in their store of experiences. This change may affect their level of perception, their way of seeing things, their information bank and even their pattern of behavior."—Francois Allaire

Yours for spreading garden club news and views through increased circulation,

DODIE BLASCHIK
Circulation Manager

And on the eighth day
GOD awoke from His rest and looked
about Him.

And He saw what man had wrought,
how he had dispoiled his world,
and He was sad.

GOD looked closely
and saw small places that man had
not ruined.

Man did not go to these few places
and even called them GOD forsaken.
And GOD heard that
and smiled.

When GOD went down to earth
He went to these "forsaken" places
to rest and to visit
with the animals and plants,
with the wind and water,
and with the spirits who lived there.

A few men went to these places
and lived quietly with the land
and knew the things that lived there.

And GOD looked at these people
and smiled.

And there was hope.

—The Society of Les Voyageurs

"HORTICULTURE FOR EVERYBODY"

By JOHN PHILIP BAUMGARDT

Webster's Third New International Dictionary, Unabridged, defines horticulture as the science and art of growing fruits, vegetables, flowers and ornamental plants, then; with gardens and gardening. People who grow plants are horticulturalists (today, that word is losing a syllable to become "horticulturists"). The orchard owner is a horticulturist and so is the apartment dweller who tends a house plant in the window.

Horticulture and agriculture feed people. It is true that agriculture does the bulk of this by providing wheat, rice, millet and other grains as well as all the meats, poultry and dairy products, vegetable oils and similar produce. But horticulture makes the meal savory with vegetables, spices, fruits and nuts. And horticulture feeds the soul when it supplies flowers for the table, horticulture often supplies balm for the human spirit just as a great symphony, a fine painting or divine piece of sculpture, or a breathtaking ballet does. After a day in the market place, what a pleasure it is to relax in the concert hall, the art gallery or the theater — or in a beautiful garden. "Music calms the savage beast" and so does the atmosphere created by skilled horticulturists.

Today's people need horticulture.. Americans are on several "kicks" just now; organically grown foods are very popular, and everybody is talking about planting more trees to help produce oxygen for smothered cities. We gardeners do not need to be told how succulent the zuccinis picked fresh from the volunteer plant on the compost pile will be or about the air freshening quality of trees when we are gardening under a linden in full flower. We know even more. We know the soothing sensation of working with our hands in crumbly damp soil with the sun hot on our backs. We know the thrill of planting seeds that pro-

duce seedlings after a breathless period of suspense. We have come home late and walked in our gardens at twilight to discover a newly unfurled rose pouring its fragrance on the evening air and we have visited the garden at dawn to find it diamond encrusted with dewdrops sparkling in the horizontal rays of the sunlight. These are passive pleasures; perhaps our greatest is in knowing that by practicing the techniques and arts of horticulture, we have brought these pleasures into being.

Shall we share horticulture with our fellow men? It is easy to say that it is there for the seeking—anybody can get a pot of soil and a packet of seeds and have it. But it is not that simple; people have to be led to esthetic pleasures. Public and private schools teach art appreciation, music and music appreciation, literature, drama and more; in America few schools introduce students to horticulture, either as a science or as an art. That leaves it up to us; to each one of us who gardens and who wishes to share his pleasures in gardening. We can work more efficiently through an association such as The American Horticulture Society. We need to lobby for horticulture for everybody.

Despite ecological awareness, today horticulture is on the defensive. A recent government survey reports "that people are not afraid to go into public parks, it is just that there is nothing there to do." Truer words were never spoken. American park systems always have confused playgrounds and parks. To grant that playgrounds are essential and that more are needed is not to agree that park land should be converted to ball diamonds any more than they should be given over to super highways.

Today we need public gardens that are not Victorian relics; we need ex-

citing, beautiful, public gardens that are immediately accessible to crowds of people; gardens that are properly developed and maintained so people will want to visit them. Even more, we need private gardens. America was a country of home owners; today it is becoming a country of city dwellers who live in multiple dwellings. We gardeners need to push for extensive public gardens for these people (and let's not settle for a "garden" that is largely pavement and waterworks). We need to show apartment dwellers how to grow plants in pots and in hanging baskets. We gardeners need to overcome our reticence; we need to share our knowledge of gardening, and we need to promote gardening as a possible cure for many of the world's ailments today.

Horticulture is for everybody; we have no exclusive rights to its pleasures. There is no such thing as too much horticulture — too much gardening. The practice of horticulture is healthy, creative recreation and work. The product is a beautiful flower, a salad, or a bowl of fruit. We gardeners have an obligation to share this bounty with everybody. We should actively push for horticulture in our schools, and for horticulture in public parks.

—“Reprinted with the permission of the American Horticultural Society from their publication, *The American Horticulturist*, Volume 51. 3, Fall 1972, page two.”

Tomatoes for Vitamin C

Tomatoes of any size contain Vitamin C, so good for your youngsters. Let them grow the small cherry and pear tomatoes and they'll eat the fruits by the handful without any urging.

Plant a Screen

Thick plantings of trees, shrubs and foliage plants around the perimeters of junkyards and garbage dumps are not only helpful in screening out the

visual pollution, they also are effective in reducing foul smells and dirt which emanate from trash.

Because plant life manufactures oxygen and absorbs some noxious gases such as carbon monoxide, the fresh air it produces dilutes the polluted air around dumping grounds. The hairy surface on plant leafage catches dust and dirt particles from the air, serving as a filter for surrounding waste areas. By planting trees and shrubs and other plants around dumping grounds, unattractive sights and air pollution can be reduced substantially.

Bold Splashes of Color

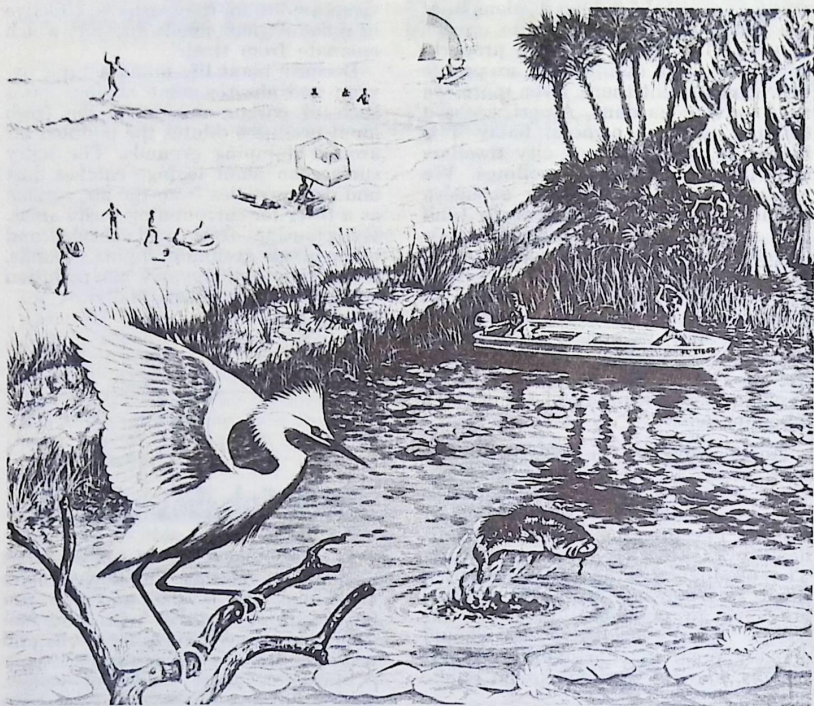
For bold splashes of color, plant zinnias or marigolds. The flower colors of zinnias are myriad and you can buy seeds of varieties with tall, medium, low or even creeping plants and several different flower forms.

Marigolds sport shades of yellow, gold or orange flowers if they have huge blooms, and the same colors plus brick red and various browns in the smaller-flowered varieties.

Newest improvements in the big fellows are more flowers to a plant and more uniform plants, so much so that a row may be used as a hedge. Little marigolds now flower earlier and there are new, sterile forms that bloom and bloom because they do not produce seeds.

History Lesson

Chard or Swiss chard grows wild in the Mediterranean area and was known to gardeners as long ago as the 4th century B.C. It is a beet with a small, inedible root, but highly developed leaves. It is thought that our beet was developed from chard.



LANDS FOR YOU, INC.

The scene is taken from an illustration by Wallace Hughes, art director of Florida Wildlife. It illustrates in idealized form the natural beauty of Florida's beaches, lakes and varied outdoor recreational pursuits. The illustration has been adopted as the campaign motif of **Lands for You, Inc.**, a nonprofit educational and informational corporation created to promote passage of the first two referendum questions on the November ballot.

It has been made available as a full-color stamp, gummed and perforated for use by conservationists around the state who wish to help.

You can obtain two sheets of these stamps for your personal correspondence with a \$5 donation to **Lands for You, Inc.**, Room 229, 319 South Monroe Street, Tallahassee, Florida 32304.

TO: Land's for You, Inc., Room 229, 319 South Monroe Street, Tallahassee, Florida 32304

I want to help promote the conservation and preservation of environmentally endangered lands and outdoor recreational lands! My donation is enclosed.

Send me: 2 sheets of stamps (\$5 donation) 5 sheets of stamps (\$10 donation)

Name

Address

City

State

Zip Code

Guardians of Gardening



At the 46th Annual "Under the Big Top" Convention in Sarasota, Mrs. Graham W. King was presented as the federation's newest Guardian of Gardening.

Her name, on a bronze plate, has now been placed on the Guardians of Gardening Wall at State Headquarters under the inscription "To Live In Hearts We Leave Behind Is Not To Die" where it joins those of other especially dedicated garden clubbers whose many contributions to the FF-GC program and official home have been outstanding.

Isabel King has been active in the Garden Club movement, both in North Carolina and Florida, for more than 40 years. She is a charter member of Garden Study Club in Delray Beach and has twice served as its president.

Her services to the Florida Federation of Garden Clubs, of which she is the 43rd Life Member, have included being director of District X,

third vice president, chairman of Birds, Horticulture, Programs, Life Membership and Protocol as well as being a member of many committees, the Headquarters Board of Trustees and currently serving on the federation's advisory council. A National Council Life Member and a Life Judge, she likewise has served on several national committees.

Isabel enjoys working in her garden, grows many rare plants in a slat house, has contributed station wagon loads of ceropia leaves to be sold for Headquarters maintenance benefit, is a musician, author of the book "Church Flower Arrangements: Their Meaning and Purpose," and lecturer on many phases of horticulture and flower arranging.

She is the wife of Dr. Graham W. King, a gardening-minded physician, who honored her with the Guardian of Gardening accolade in the surprise presentation.



Left to right: Mrs. Milburn W. Paulk, Director of District IV; Mr. Arthur Bedenbaugh, Florida State Highway Dept.; Mrs. T. Gerald Witt, President of Lake City Garden Club.

Blue Star Memorial Highway Marker Dedicated

FFGC and Lake City Garden Club sponsored a Blue Star Memorial Highway Marker which was dedicated May 17, 1972. Among those taking part, Mrs. John Hellmuth, Civic and Roadside chairman who gave "Purpose and History" and Mrs. Milburn Paulk, director of District IV who dedicated and unveiled the marker in honor of all those who have and are serving in

the armed forces of our country.

Some of those attending were Mayor James E. Tison, Rep. Wayne Hollingsworth and Senator W. E. Bishop. Accepting on behalf of Florida Highway Department, Mr. Arthur Bedenbaugh. Mrs. T. Gerald Witt was president of Lake City Garden Club and Miss Idell Marr was general chairman of this momentous event.

Becoming History Conscious

By MRS. ALAN K. HOWELL
Historian

Much progress has been made in garden clubbing since its first conception many years ago in 1891 when garden clubbing was more or less confined to flower arranging and socializing. Mrs. Haskell Venard, Historian for the NCSGC Inc., has urged that we keep records of our rich heritage with the following suggestions:

- A. Request that clubs keep condensed histories each year which be kept on file, and have a special club history written for 10 year and 25 year periods.
- B. Suggest that each new club member read the club history to become familiar with past activities, accomplishments, policies and precedents.
- C. Celebrate major club and regional anniversaries as special occasions, honoring past president and/or charter members with a tea or some other activity.
- D. Acquaint clubs with the two official National Council histories available for purchase from National Council Book Service.

E. Encourage all garden centers to have National Council histories on file for reference as well as National and State publications.

CHAIRMEN: Is there a condensed history of your department, a list of all past chairmen and outline of outstanding accomplishments and dates?

DISTRICT DIRECTORS: Do you have a complete history of your regime? A history is a written document and not a scrapbook — no pictures allowed.

* * *

The history of the Florida Federation of Garden Clubs Inc., and its accomplishments rate high in the nation. Let us keep it that way. Your state historian is only too willing to help in any way she can. "The past is never really past. It remains forever a part of us. The more we know about our past, the better we understand our present." — Carl Carmer

PALMS

By MRS. EDMUND ROBERT HUNTER
Horticulture Chairman

Florida is a favored land where palms grow in every part of the state and have indeed become symbolic of this peninsula. Some palms, notably SABALS and PHOENIX will grow throughout the state but it is only when one goes south of Fort Pierre that the immense variety and complexity of this family becomes discernible.

Most of the palms now growing in South Florida have been imported from all over the world and therefore have different requirements. Some are sun-tolerant, some shade-loving. Some will grow by the sea. Others are harmed by salt-spray. Palms range from small pot-size CHAMAEDOREAS to 40-foot specimens, such as ATTALEAS. The leaves also vary in size and texture as well as pattern. The pinnate leaved palms are perhaps best known but the fan leaves are represented by magnificent examples in the PRITCHARDIAS, LATANIAS and the rare BISMARCKIA NOBILIS and LICUALA GRANDIS. Some, such as the Royals, have trunks like poured cement. Others are spiny and one, the COCCOTHRINAX CRINITA even has a bearded trunk.

Palms are of course seen at their best when used in landscaping or in public gardens such as the Fairchild Tropical Garden, which has an out-

standing collection and is responsible for the introduction and propagation of many of our most widely-used palms. These trees are most useful in landscaping not only because of their variety of texture and leaf pattern but because they are highly decorative for the little room they occupy. This makes them particularly good for landscaping parking lots and city streets.

Palms are also excellent for use as pot plants for house and patio decoration when they are relatively small. The CARYOTAS (Fishtails) and PHOENIX (Date) have traditionally been used as pot plants but many of the newer importations such as the triangular palm, NEODYPSIS DECARYII make beautiful specimens from the time they are quite small.

We should always include potted palms in our flower shows both for their inherent loveliness and the educational value of showing their great variety and usefulness.

Palms can be started from seeds or in the case of cluster palms, by division. Cover the seeds in proportion to their size mostly with about $\frac{1}{8}$ to 1 inch of soil. Keep the soil moist but not wet and do not lose patience. While some seeds such as the PHOENIX and WASHINGTONIA will

germinate in 3 or 4 weeks, others may take months — sometimes even years — to sprout. If the seedlings are in a flat, they should be potted when they are an inch or two high and repotted again before they are root-bound. Young palms require care until they are established after which they need only a modicum of attention — water occasionally and fertilize two or three times a year. Organic materials, composts and manures will benefit palm trees but they must also be given a fertilizer containing trace elements,

particularly manganese sulphate to supply deficiencies which palms sometimes have.

Large palms may be transplanted successfully if root-pruned four to six weeks ahead of time and if great care is taken not to injure the bud. A hole larger than the root-ball should be prepared and well-watered and the palm should be soaked daily for at least a week after planting. A well-established tree will have few maintenance problems and is a handsome addition to any landscape.



A DIME WILL DO IT

By C. W. Parmalee

The study of ornamental horticulture in the state correctional institutions has proven to be of great assistance in their rehabilitation program. Few inmates with this education return to prison. They have a skill and they have jobs.

Needs are many. As examples: Lowell Correctional Institution (for women) has about half enough money to build a greenhouse, Apalachee needs their orchid greenhouse repaired

or replaced, Avon Park has outgrown the present greenhouse.

In the past Florida Federation of Garden Clubs, Inc. has supported the Garden Therapy projects in the prisons and will continue to do so. This year each member is asked to contribute at least a dime to further this work throughout the state. Our sharing has been most rewarding in the past and it is hoped that this year we can enlarge our field of assistance.

Holiday Arrangement



A design for the holidays incorporating fresh flowers, foliage with dried pandanus fruit and fresh carambola. Foliage: Sansenvieria and curled dracaena leaf. Flowers: Pink gladioluses.

Designer: Mrs. Edwin B. Dean, President, Florida Council of Nationally Accredited Flower Show Judges.

National Council of State Garden Clubs, Inc.

Committee Interpretations, Clarifications—

1. For Flower Show purposes "cultivar" and "variety" may be used interchangeably.
2. If a judge does not choose to become a Life Judge or a Master Judge there is no statement in the HANDBOOK WHICH PREVENTS HER from taking a refresher in courses 3, 4, 5, to retain her status as a judge.
3. State regulations and the schedule govern the use of conservation materials.
4. Since a table for two or three may be used in Table Section, there is no need for more than one class for segment settings, either exhibition or functional type.
5. The Best in Show Award. It may be given in both divisions or it may be given in Artistic and not in Horticulture Division. Best in Show Award may not be given if top National Awards are scheduled in the Division.
6. Rarity is a category that should not be in Flower Show Schedules. It is appropriate for plant societies, etc.
7. Competition of judges with non-judges is purely a local option.
8. Conformance to Schedule. See HB p. 35. If this category is listed, it should be given 20 points so that if the penalty is imposed the exhibit will fall below a second on that score alone.
9. Judges who are asked to evaluate Flower Shows should be extremely careful to give constructive remarks, especially in high rating shows which may seek a competitive National Award. Such phrases as "best show I ever saw" mean little. Legible handwriting please.
10. Top National Council Awards should not be given in a non-Standard Flower Show.
11. A National Council judge must hold membership in a National Council affiliated garden club, in order to keep her status as a judge.
12. It is impossible to make a hard and fast rule on WHAT IS A MINIMUM amount because no two exhibits are the same. A judge should realize that it is a small amount, a little and let common sense be the judge.
Webster: Lowest limit of variation; the smallest quantity or number.
13. Instructors and schedule committees should use the latest Scale of Points given by Plant Societies.
14. Christmas Wreaths, Swags, Topiary Trees, etc., are eligible for the Award for which they meet the requirements.
15. Contrived flowers may be used in top award classes for which they meet the award requirements. (HB lists them under NAI only.)
16. Free Style is not an art term; Free Form is an art term.
17. Advance circulation of Student Outlines given by Instructor may be a local school option.

17th Annual Tropical Short Course

BROWARD COMMUNITY COLLEGE

3501 S. W. Davie Road, Ft. Lauderdale, Fla., January 30, 31, 1973

January 30, 1973 — **ARTISTIC DESIGN** — Media — Plant Materials

Featured Speaker — Mrs. Philip S. Hemphill, Mystic, Connecticut. Mrs. Hemphill has served for several years as Chairman of Shows and Exhibitions for the Federated Garden Clubs of Connecticut. She has exhibited at all major shows in the Northeast, has lectured and demonstrated before the New England Regional Meeting and at annual meetings of the Garden Clubs of New York, Pennsylvania, and Connecticut. At present, she is the chairman of the Judges Council of the State of Connecticut. She has lectured and taught classes in Naples, Fla. and is well known to many clubs in District IX.

January 31, 1973 — **HORTICULTURE** — "You Can Take It with You"

This day will feature plants suitable for Apartments, Condominiums, and Patios: "How To's" — keep them healthy, solve their problems, and enjoy them.

Registration Application

17th Annual Tropical Short Course, Broward Community College
Fort Lauderdale, Florida
January 30, 31, 1973

Mail to:

Mrs. E. O. Williams
2601 Acacia Court
Fort Lauderdale, Florida 33301

Name (Husband's Initials)

Address City

State Zip Code

Name of Garden Club (if member)

Entire Course \$7.00 Tuesday \$5.00 Wednesday \$4.00

Make checks payable to "Tropical Short Course"



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A - 18

"An Environmental Happening"

By MRS. J. B. THRELKELD

Were you ever at "A Happening"? Yes, I was—the "Youth Environmental Happening" at Florida Technological University, Orlando, August 21-24, 1972 — and every minute of it was enjoyed. This was a well-planned happening by National Council of State Garden Clubs, Shell Oil Company and co-sponsored by the Florida Federation of Garden Clubs. Miss Elizabeth Mason, NCSGC's Conservation Chairman and the conference coordinator said, "Florida (FFGC) was selected for the pilot conference because of its active High School and Intermediate Gardeners programs."

Mrs. Andrew A. Gurke, President of FFGC appointed an adult steering committee comprised of five key (state) leaders, with Mrs. J. B. Threlkeld, Chairman (FFGC's HS and Int. Gardeners Chairman) and Mrs. Robert Stone (Winter Park) local Chair-

man. Members (7) of the youth steering committee were selected by Director's of Units for their leadership and congeniality; Paul Pinsker, Cape Coral, chairman and Dori Karl, Key West, co-chairman.

Mr. William Hammond, Coordinator Science Environmental Education, Lee County Schools, served as consultant of the pre-coordinators meetings. Youth representatives suggested that the following problems be discussed: air pollution, fresh water and ocean pollution, land use and planning, environmental education and action, control of atomic energy, work of governmental agencies concerned with the environment and other materials.

Quotations from some of the guest speakers and panelists: "A **small** group makes things happen, a **medium-sized** group watches things happen, and a **large** group lets things happen.—Jay



Paul Pinsker of Cape Coral, Conference Chairman

Landers, Aid, Florida Cabinet. "From space, we get a global picture. "We get early warnings of devastation. "Areas using observations from space are Meteorology, Oceanography, Geology and Pollution. "From space we can locate, measure and identify pollution areas.—Dr. Wm. B. Lenoir, back-up pilot SKYLAB 3 and 4. "What you expect may not be what you get.—Dr. Martin Wanielesta, Director Environmental Systems Engineering, TFU. "As young people, you have a choice in making the type of life you have 40-50 years from now for you and your children.—Dr. John Betz, Associate Professor of Biology, USF. "The responsibility is ours—yours and mine—for being concerned; get out and make people aware of our water problems.—Mr. Robert Buchanan, Water Resource Division, U. S. Geological Survey, Miami. "Public demand increases the production of things as pesticides, etc. "Think! Don't be led, become concerned, be able to evaluate. "You youths are the future citizens; lead instead of condemning or being apathetic.—Dr. Robert Smith, FSU Institute of Oceanography. "By becoming aware of an environmental problem, we study how it works to become able to implement better solutions. — Mr. Wm. Hammond, Lee County Schools. "Floating nuclear power plants built in Jacksonville will be transported by barge to man-made islands about 30 miles off-shore (New Jersey) where the nuclear station will float, but anchored, in the center of the island. The power thus generated will be carried through pipelines to the continent and on to places under power strain." Dr. John Nutant, Manager Environmental Off Shore Power Systems, Jacksonville.

A part of the last evening was filled with group sessions meeting simultaneously to arrive at some conclusions, to suggest possible solutions toward helping solve some of our environmental problems, and to evaluate the conference. The reports showed the same environmental problems exist throughout the state.

Mrs. Andrew A. Gurke, President FFGC presided at the last half of the final session. She asked everyone to stand and see the litter she had picked up off the auditorium floor and placed at the base of the podium. She admonished the audience to "practice what good you preach and preach

what good you practice." She presented Mrs. Maxwell Steel, President NCSGC who had been present for the entire conference. Mrs. Steele's final charge to the youth was to "be more aware and more respectful of our problems, and be more active in helping solve them."

Miss Barbara Hannan, Shell Oil Company invited the representatives to return home, share the knowledge gained at the conference, urged all units to get involved at the local level, keep news items, records, pictures of progress, etc., and compile all in a theme binder according to FFGC's award rules and mail to the State Chairman of High School and Intermediate Gardeners by April 15, 1973. The Awards period is September 15, 1972 - April 15, 1973. The High School Unit and the Intermediate Unit showing the most accomplished in proportion to membership, will each be winners of a first place award of \$100; the two second place winning units will each receive \$75; the two-third winning units will each receive \$50. Each winning unit and its sponsoring garden club or circle will receive certificates of recognition. The award winning units' representatives will receive the cash awards and certificates of recognition at the 1973 State Convention.

The youth steering committee were called on stage and the chairman expressed "thanks" to those who made the conference possible. A bouquet of red roses—one from each member of the youth steering committee, tied with a green ribbon was presented to Miss Hannan by the YS chairman and co-chairman. The co-chairman strongly urged back-home application to those present.

Thursday morning after preparations for departure the attendees were off to Disney World for a few hours, still guests of Shell Oil Company. While there Mother Nature blessed the area with a deluge of rain. Later on TV Miss Elizabeth Mason, said, "we had a day of water, which the area may have needed, but we felt like saying "rain, rain go away, come again another day." Before departing for their respective homes many young people and adults expressed a desire to meet again next year and compare accomplishments which were inspired by the "Happening" and activated upon returning home.

"VIEWPOINT"

By DORI KARL
Co-Chairman Youth Steering Com.



Dori Karl is a senior in high school and her extra activities are: a national ecology club, honor society, student council and a training center for retarded children. She is President of GREEN (Gang Rescue for Earth's Environmental Needs) a high school gardener unit sponsored by the Key West Garden Club. Dori loves nature and is a capable - versatile young adult, and she served as one of our counselors (Junior Nature Camp) this past summer. As co-chairman and participator of the "Youth Environmental Conference," I (editor) invited Dori to write the following article.

Participating in the Youth Environmental Conference in Orlando, August 21-24, was a most enriching experience for me. The tone, one of enthusiasm and wonderful curiosity, was set on the first evening with "warm" greetings from the sponsors of the conference—Shell Oil Company and the National Council of State Garden Clubs who planned the meeting in cooperation with The Florida Federation of Garden Clubs.

Astronaut William B. Lenoir, keynote speaker for the opening session, fascinated the audience of over one-

hundred, with his explanation of the many benefits of remote sensing. In addition he gave us astounding information about Earth that has been revealed through the "global picture" achieved by our space program.

Tuesday's agenda was devoted to water management, a practice which appears in need of redirection in Florida. The uniqueness of the state's dependency on water was emphasized as was the need for more meaningful state sewage and water pollution standards. In the afternoon, with students and club sponsors divided into groups

of approximately 25, we attended interesting workshops, one of which included the actual sampling of Lake Claire's water.

Also among Florida's more critical environmental problems is the lack of planning and design as fundamentals of land management. Consequently, the highlights of Wednesday's programs were the promises held in planning with new energetic modeling concepts to address the ever-increasing problems of urban areas and ecosystems. The necessity of density inducements and controls to limit state growth was discussed with the possible solution being the halting of advertising which encourages thousands of people every year to flock to Florida—a state already witnessing over population in some areas. We explored the new concept of obtaining the wisest use of land as opposed to maximum use. This concept should lead to the following considerations for future land development: density, recreational uses, feasibility of transportation, and natural systems such as water, air, wildlife and land.

Our discovery that Florida's ecosystem is extremely delicate and sensitive led the students to realize the importance of their cooperation with interested adult groups and industries in the preservation and restoration of the unique environment.

As we were being introduced to these new areas by the fine speakers, the importance of environmental education was confirmed. There is probably no more logical starting point to battle with the individual ignorance and apathy found at the bottom of most of our environmental problems.

And so, our roles as the youth on Earth were defined and the expectations that we continue the work of our elders in this field were vocalized.

As the conference came to an emotional end, we sensed that we had all agreed to return home and "live ecology" rather than simply preach it or act it. We felt the weight of responsibility to involve our individual communities in restoring harmony to our only space ship — Earth.

The moon seemed to shine especially bright with hope that last night as I gazed upward with deep satisfaction, knowing that the original purpose of the conference, "to create a better understanding of Florida's environmental problems and seek cooperative solutions by working with experts from government, universities, industry and conservation agencies", had been more than achieved. And wouldn't it be ideal if other concerned states followed suit after Florida, the pilot, and hold similar "environmental happenings" for their young people?

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THE SMART PLACE TO GO . . .
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Keep Florida "Glitter Clean"

The Florida Department of Transportation has joined forces with the Florida Federation of Garden Clubs in a concerted effort to keep litter off Florida's streets and highways.

Secretary of Transportation Edward A. Mueller said, "Florida Garden Clubs have an excellent anti-litter program. They have long been in the forefront of the battle to keep our communities clean. The Department of Transportation has been spending in excess of \$1 million a year maintaining and cleaning the litter from the roadsides of Florida.

"Mrs. John McClellan, Anti-Litter Chairman of the Florida Federation of Garden Clubs, approached me with the idea of joining forces and resources in combating the litter problem in Florida. Since there is strength in unity, we have combined our efforts into a single concerted anti-litter program."

To champion this fight, the Depart-

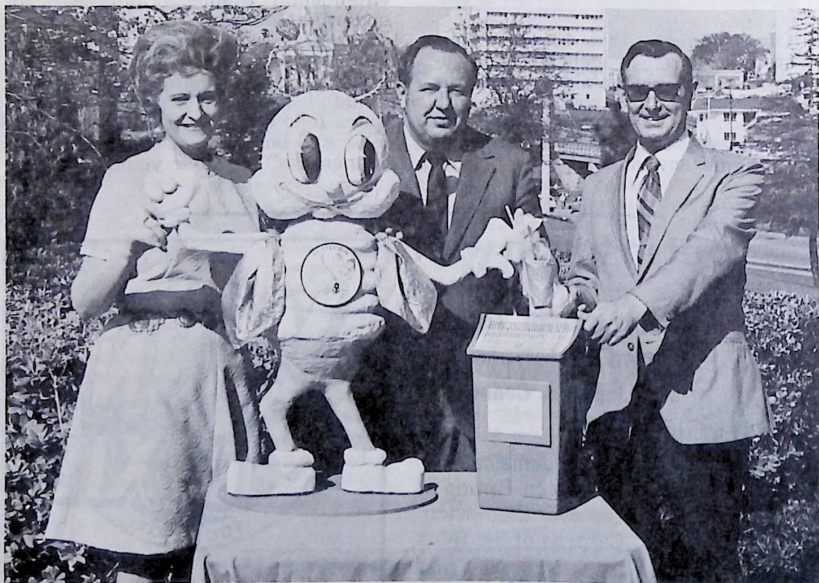
ment of Transportation and the Florida Federation of Garden Clubs created Glenn Glitter. He is a personification of the "Glitter Bug" which the Garden Clubs have been using in their program but now he has character and personality.

Mrs. McClellan explained, "Glenn Glitter is to our litter fight what Smokey the Bear is to forest fires."

She said Glenn Glitter will be used in an educational program in the public schools of Florida to teach children how to keep their environment clean.

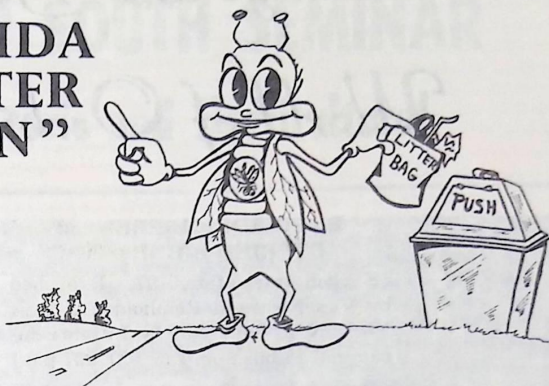
Mr. Mueller said Glenn Glitter would also be used in an anti-litter message on all waste receptacles in the rest areas and along Florida's highways.

Mrs. McClellan added that service stations, restaurants and other businesses throughout Florida will be encouraged to adopt Glenn Glitter in a statewide "Keep Florida Glitter Clean" program.



Left to right: Mrs. Wallace Hughes who constructed the Glitterbug, "Glenn Glitter"; Secretary of Transportation, Edward A. Mueller; C. T. Kemp, Transportation Dept. illustrator who drew the personality based on the Glitterbug symbol designed by Ann Kinn.

“KEEP FLORIDA GLITTER CLEAN”



FLORIDA FED. of GARDEN CLUBS

By **MRS. JOHN B. McCLELLAN**
Litter Control Chairman

Something new has been added to our State Glitter Program! The Glitterbug now has a personality! His name is Glenn Glitter and he is out to stop litter. He will surely succeed because he has such an optimistic look on his face and such an important message! You can help him succeed by seeing to it that the reproducible picture and his message (below) get into every possible publication.

Glenn Glitter is not just a cartoon character — he is “for real!” He is a three-foot papier-mache figure who has traveled to several of our cities and now occupies a prominent place in our capital city. He has appeared in public service messages on television. He has even appeared as the “centerfold” character in Florida Wildlife Magazine (March '72 issue).

Glenn Glitter urges you to avail yourself of a copy of the 1971-72 F.F.G.C.'s **Book of Information** and follow its suggestions on pages 116 and 117, using the cut below for news and television media, decals, bumper stickers, and buttons if you desire them. You can have these items made in your district or by Mr. Joe Gould, Post Office Box 162, Tallahassee, Fla. 32302. They are cheaper by the thousand.

Our Glitter Program gained official recognition and statewide acceptance when Governor Reubin O'D. Askew proclaimed the month of May 1972 as “**Make Florida Glitter Clean Month**” and urged all citizens to labor vigorously toward that end during every day of the year.

Orient your program the Glenn Glitter way to make Florida the cleanest state in the U.S.A.

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The Strange and Beautiful World of Orchids

By **FRIEDRICH EBEL** and
OTFRIED BIRNBAUM

(English translation, 1972. Published
by Van Nostrand Reinhold Co., New
York, N.Y. Copyright by Litton Edu-
cational Publishing, Inc. \$20. 207 p.p.)

Other than professional orchid growers or hobbyists few people realize that orchids come in many varieties, not just the three familiar types used by florists, i.e. the cattleyas, the cymbidiums and the phalaenopsis. In fact, there are 18,000 members of the orchid family, this author informs us, including vanilla used in flavoring.

The author of this new book is Dr. Friedrich Ebel, the curator of the Botanical Gardens of Martin Luther University in Halle, Germany. He and Otfried Birnbaum, the director of Photography at the same institution, have combined their talents to produce a book of rare beauty. Together they have explored some of the lesser known varieties in the orchid family, as well as a scattering of examples of the more familiar sorts.

Their book is divided into two sections, the second of which is intended for reference while reading the book. The latter also includes some reproductions of illustrations from the 15th century on, and a very fine exposition with photographs of the pollination systems of the flowers.

In the main section the magnificent photographs are accompanied by a short descriptive text including information about the size of the flower, its native habitat, and its history. Most of the plates show the flower greatly enlarged so that the reader can see its characteristics much better than with the naked eye. For this reason the book should prove of interest to any serious hobbyist, or to any plant lover who enjoys viewing the astounding multitude of forms nature has given us.

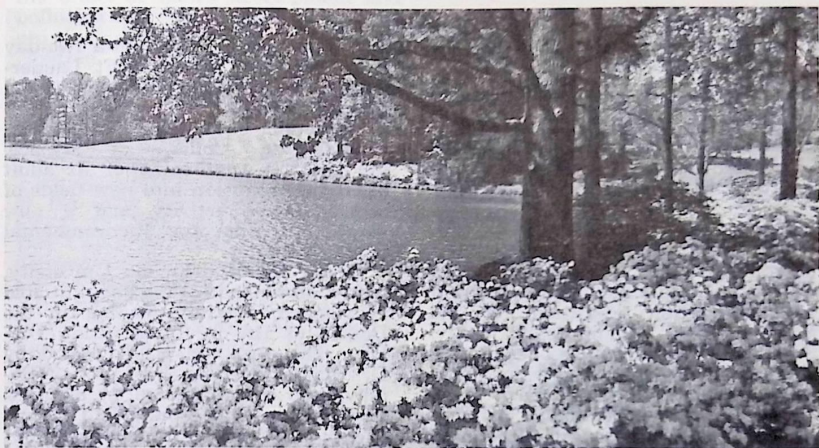
Nothing in the book, however, is in any way of use to those who want to learn about the culture or the growth habits of the various sorts. It is not intended for that purpose; there are a host of other volumes, many put out by this same publisher, which are available on those subjects.

Since the emphasis is on the photographs, rather than the text the information is secondary. Go to the library and browse through it, but unless you are a photography buff, do not spend the \$20 to purchase it.

—Hermine L. Hoffman

DEEP SOUTH SEMINAR

Historic and Horticultural



The Deep South Region, Mrs. Lewis Easterly Director, is planning a very interesting Historic and Horticultural Seminar for February 26 and 27, 1973 at Callaway Gardens in Georgia.

The theme will be "Historic and Horticultural Awareness" with the following speakers: Dr. Russell Seibert of Longwood Gardens, Pa.; Prof. Ed Martin, of Horticulture Department of Mississippi State College; Mr. Troy Keeble, of Atlanta, Area Horticulturist; Dean Hubert B. Owens, of the Environmental School of Design at the University of Georgia; Prof. Robert H. Rucker, National Chairman of Landscape Design; Mrs. Howard Kittel, Vice-President of National Council (lecture on horticulture); Mrs. Edith Henderson of Atlanta, Landscape Architect; Mr. Clason Kyle of Columbus, Ga., Historic Restorationist; Dr. Joseph Mahman, Vice-President, of Westville-1850 Village Re-creation; and Mr. Fred Galle, Vice-President of Callaway Gardens.

Mrs. Maxwell W. Steel, President

of National Council of State Garden Clubs will bring greetings from National Council.

There will be pre-registration on Sunday evening and a program of short films for the "Early Birds". Monday and Tuesday there will be morning and afternoon sessions with a banquet on Monday evening.

The registration fee will be \$4 for each session and \$18 for the Package Plan which includes the banquet. Make check payable to the Deep South Seminar. Send to the Registration Chairman, Mrs. Mary Jane Crayton, 206 Broad Street, La Grange, Ga. 30230. The deadline is February 19.

This Seminar may be used as a refresher course for Landscape Design Critics.

* * *

FLOWER SHOW SCHOOLS
Course I — February 20-22, 1973
Orlando Garden Center
Chairman: Mrs. R. N. Guthrie
6645 Lake Cane Dr.
Orlando 32805

Pine Jog Environmental Sciences Center

By JAY JARRETT

When, in 1970, Florida Atlantic University acquired title to the buildings and some 30 acres of land comprising the heart of what was then called Pine Jog Conservation Education Center, it became administrator of a trend-setting operation. For Pine Jog was the first nature center in the United States devoted exclusively to environmental education.

Established in 1961, the same year as the University, Pine Jog lead the way in creating a meaningful program of conservation education for the school children of Palm Beach County. Since its inception, it has been sponsored almost entirely by Mr. and Mrs. Alfred G. Kay of Palm Beach. Their generosity and dedication to the conservation cause has provided the land, buildings, equipment and staff salaries for over 10 years.

Annually several thousand children visit the Center by appointment for an hour-and-a-half introduction to ecology and the natural environment. By actual count, for example, the first five months of 1972 saw 213 school-classes or approximately 6,000 children visit Pine Jog. In addition, staff members visited a total of 175 elementary school classes twice—both before and after their field trip to Pine Jog. Another 53 boy and girl scout groups visited or met at Pine Jog during this period. Included in the program are a film, chalktalk and discussion of basic ecological concepts, and an interpretive tour of the Pine Jog trails. Similar programs are offered adult groups.

The Pine Jog staff also travels the state extensively presenting films and lectures on environmental topics. The staff filled 35 speaking engagements during the five-month period, staged a two-day seminar in environmental education techniques for school supervisory personnel from eight counties

and participated heavily in a two-day teacher training session in Ft. Lauderdale for the Broward County school system.

Affiliation with the University, through the College of Science, brought a strengthening of its adult program, expansion into new fields of environmental activity and a new name . . . Pine Jog Environmental Sciences Center.

In the fall of 1970, the University, in cooperation with Pine Jog, initiated a two-year program leading to the Degree of BA in Conservation Biology. This program was directed by Dr. Manley L. Boss, Professor of Botany, who shortly thereafter assumed the directorship of Pine Jog. This was one of the first of a new breed of programs designed to produce men and women with a broad background in biological science and related scientific fields as well as sociology, psychology, urban planning, nature center operation and the politics of conservation.

For several years Pine Jog has offered a graduate-level credit course "Conservation Biology Workshop" which is designed to train elementary school teachers in ecological principles and assist them in incorporating conservation activities in the classroom.

A winter and spring series of evening non-credit courses is also offered in the broad field of natural history. These normally consist of five or more illustrated lectures and/or field trips and cover such diverse topics as Native Plants, The Population Bomb, Man and the Everglades, Our Sea Frontier, Weather Phenomena and others. Lecturers are drawn from the ranks of Florida's colleges and universities as well as recognized authorities for many agencies.

Most recently, Pine Jog has inau-

gured a program in Marine Ecology utilizing the facilities of the Jupiter Inlet Marine Science Center. Originally developed as a pilot program for 12th grade biology students, the program has proved popular with upper elementary and junior high school classes also.

Students participating in the marine program spend several hours investigating the rich environment of the Loxahatchee River estuary. The principles of habitats, interdependencies, the effect of man's development and pollution on the marine community are included in the schedule. The children "get their feet wet" too. Armed with seines and plankton nets, and guided by Pine Jog personnel, they collect aquatic flora and fauna, study their structure and habits and learn to identify and preserve them.

This summer will see the institution of two new environmental activities for youth. The Marine Environment Day Camp will offer a week-long expansion of the program mentioned above. This will be offered two or three times during July for junior and senior high students. A "Discover Florida's Environment" tour series will be offered children from 10 through 14 with chartered bus tours of the Everglades, Loxahatchee Wildlife Refuge, Jonathan Dickinson Park and other areas of environmental significance.

When time and funds permit, the staff also undertakes the preparation of curriculum materials and audio-visual aids for free distribution throughout the Palm Beach County School system.

A grant request to the State Department of Education is pending which would enable Pine Jog to increase its staff and prepare a complete package of environmental education materials, lesson plans, audio-visual aids and special programs for all grade levels, K-12. This would ensure Palm Beach County school children of the best and most complete program of environmental education in the nation, and would utilize the talents and facilities of the University, Pine Jog Center and the Palm Beach County Board of Public Instruction.

Pine Jog's leadership in the environmental field is evidenced by the success of two of its former directors. C. Richard Tillis, director from 1968-70, became Florida's first Consultant

for Environmental Education. His predecessor, William Partington, Jr., received national recognition as Director of the Florida Defenders of the Environment in its successful battle to halt construction of the Cross-Florida Barge Canal. He currently serves as Director of the Environmental Information Center, a facility of the Conservation Foundation in Winter Park.

Soil Survey Seminar Held

Tallahassee, Fla., Sept. 28 — Soil Conservation Service and Florida Pollution Control Department officials today wound up a two-day seminar on the use and interpretation of soil surveys in improving the environment, both rural and urban.

Included in the workshop, held at the Mayo Building, were detailed engineering discussions on handling waste water runoff rainfall and water management, said Robert W. Johnson of Gainesville, general chairman for the U.S. Soil Conservation Service.

Soil surveys are basic planning instruments consisting of an acre-by-acre inventory of soil resources and detailed classification of soils, Johnson said. Each type of soil responds differently to use and management.

Soil surveys are used by planners and decisionmakers to determine the suitability of the soil for all types of land uses, Johnson added. Soil surveys are the responsibility of the Florida Department of Agriculture and Consumer Services and local districts.

The promising concept of using waste water and effluent from municipal sewage treatment plants as irrigation waters depends upon soil surveys to determine the capacity of the land to absorb nutrients in the waste waters and use them in the production of plant growth.

The Soil Conservation Service provides technical assistance to urban as well as rural land users on drainage, irrigation, water management, soil erosion and stabilization, agronomy, and biology as well as soil surveys, Johnson said.

All counties in Florida except Dade, Collier and Monroe have Soil Conservation Service offices.

Unwind

M/S RENAISSANCE SCHEDULE 1972/3

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Fourteen Days
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MIDWINTER CRUISE

Ten Days
3,070 miles
5 Ports
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PORT EVERGLADES
Jan. 17/Sail 6 PM

MAYA CRUISE

Fourteen Days
3,782 miles
9 Ports
From \$525

PORT EVERGLADES
Mar. 15/Sail 6 PM

SPRING CRUISE

Eleven Days
3,052 miles
6 Ports
From \$390

PORT EVERGLADES
Mar. 29/Sail 6 PM

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4-Day from **\$115**

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M/S Southward—14-Day Cruises to Curacao, La Guaira, Grenada, Barbados, Martinique, St. Croix, San Juan, St. Thomas, Nassau—Sails Every Other Saturday

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In May, we welcomed 30 Garden Club members from Caracas, Venezuela and we were able to arrange to have them meet with Garden Club members in Miami and visit several private gardens. This meeting has developed the thought that our committee should be prepared to meet and assist other International Groups who visit our State. I would appreciate hearing from Garden Club members throughout the State who are bilingual and/or have the interest to assist this committee in meeting and arranging programs for visitors. This gives another dimension to our Friendship and Unity in Gardening . . . by sharing our time and talents with others . . . please contact me as soon as possible.

This Chairman is your TRAVEL CONSULTANT . . . any information you need or desire in regards to travel will be forwarded to you immediately upon request.

FLOWER SHOW CALENDAR

By MRS. GLENN PORTER
1906 Dewitt St., Panama City 32401

1972

December 2-3 — "The Miracle of Life"
Garden Center, Panama City Beach

December 9 — Standard Placement Show "Christmas in a Colonial Manor,"
home of Col. and Mrs. John H. Crowe, 3030 N.E. 44th St., Lighthouse Point

1973

December 2-3 — "The Miracle of Life"

January 20-21 — "This Land Is Your Land"
DeLand Garden Center and Activities Center, DeLand

January 20-21 — "The Beautiful World of Camellias"
Federal Savings and Loan Association, Tallahassee

April 6 — "Springtime Fantasies"
Episcopal Church, Dunedin

April 6 — Standard Placement Show "The Many Moods of Art," home of
Mr. and Mrs. Albert Thornbrough, 379 Alexander Palm Road, Boca Raton

April 7-8 — Annual Flower Show, Garden Circles of Fort Lauderdale

April 7-8 — "Melbourne in All Her Glory," Melbourne Garden Club

April 10-11 — "Pattern for Living," Clearwater Garden Center, Clearwater
Garden Club

April 28-29 — Annual Spring Flower Show, Indian Harbour Beach Community
Center, In-Har-Bee Garden Club

CLUB/CIRCLE AND/OR FLOWER SHOW CHAIRMEN: We urge all of you to report your flower show dates, place and theme as soon as plans are completed. We are required to meet TFG's editorial deadline, consequently our deadline dates for issues 3, 4 and 5 are: November 10, 1972, January 10 and March 10, 1973. Our name and address is always listed below the "heading." Your cooperation will be appreciated.

Interpretation: A Point of View

Despite the preponderance of historic and prehistoric sites within the National Park System, the first parks were established primarily because of their natural values. From them developed many of the traditions and activities that have characterized the National Park Service as a leading practitioner in the preservation of the Nation's heritage.

Out of the early parks grew not only a unique form of land stewardship, but many new public services. Among them was an outdoor "education" program initiated some 50 years ago in Yosemite. Thus, the art of interpretation, as practiced by the National Park Service today — in battlefield site and glaciated valley alike—had its beginnings in the large, natural parks of western America.

Natural history interpretation, in the early days, was essentially a form of guided nature study. The aid was to communicate facts about the features in the parks. It was designed to help visitors understand the things they were experiencing, and thereby enjoy them more.

Later, the program was expanded to include a growing number of archeologically and historically significant areas being added to the System. It began to be characterized as "interpretation" rather than education and, while the "nature" of the resource varied, the principles and practices were essentially the same.

The early approach to interpretation was primarily through personal service activities such as conducted walks, and campfire programs. As the National population and its leisure time grew, it became increasingly difficult to provide personal interpretation to the burgeoning number of park visitors. Increasing emphasis was necessarily placed on self-service or automated facilities such as self-guided trails, and visitor-actuated message repeaters.

Over the years, technological progress has advanced the state of the art to a point where there is an almost limitless repertoire of media. There has not always been a concomitant advance in the nature of the message. By-and-large, until recent years, na-

tural history interpretation (and by inference all types) had not significantly changed in content from the earliest days in Yosemite, and Glacier, and Grand Canyon. The approach continued to be a basically straightforward dissemination of facts, albeit the facts were "marketed" in more attractive and sophisticated "packages."

In recent years, a thematic approach to interpretation has been adopted. The emphasis has shifted to the communication of concepts about phenomena in lieu of the more traditional, and often piecemeal presentation of factual information.

Because of the healthy, natural diversity represented in the National Parks, they are especially suitable places for the interpretation of some of the fundamentals of ecology. This is particularly important in this age of growing national, and global, concern over man's deteriorating relationship with his environment. Increasingly, the commitment of the National Park Service is reflected in the strong environmental content of today's interpretation especially in the natural areas. A concerted effort is made to subtly weave an "environmental thread" into the fabric of every interpretive presentation.

An important goal of interpretation is to make the visitor experience more meaningful. To the extent that each visitor encounter with the park environment is, in spite of efforts to guide or direct it, a uniquely personal and subjective experience, there will be as many individual judgments of meaning and value as there are visitors. One of the most important roles of interpretation is to suggest that there is a larger, unifying meaning common to all of their experiences.

If an interpretation is provocative, and does no more than cause the visitor to spend a few minutes during his stay considering meanings, values, and relationships, it will have been preeminently successful. While a knowledge of certain facts is essential to a grasp of larger principles, it is an understanding of those concepts that is important. A park visit should be a memorable experience, but the "me-

mory" should be more than a remembered smell of woodsmoke, and a box of color slides.

In the early days, interpretation was generally a passive activity. The visitor was a spectator, and his experience was largely a visual and auditory one. Today, interpretation is more often a multi-sensory experience. It is, or should be, an "enlivening", participatory activity which actively involves the visitor.

In a visitor's rendezvous with the natural environment in the parks, curiosity, rather than informed interest, is likely to be the chief motivator. To capitalize on that curiosity by

building it into understanding and concerned interest is the challenging purpose of interpretation today. If, during their brief stay in the parks, they can be encouraged to reflect on the larger ideas—to view nature as a process producing real as well as aesthetic and other abstract values—and to consider their "inalienability from the Earth and the sky, and all that lies between," interpretation will have achieved its objective.

"Reprinted with the permission of Everglades Natural History Association from their publication, *The Anhinga*, by George B. Robinson, dated September 1972."

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WOODSY has decided to speak out and pass on his knowledge of how to improve the environment. He wants people to get personally involved in efforts to clean up the environment.

You'll recognize him easily. He's dressed in forest green pants held in place by a large brown belt. His gold belt buckle is a large "O" around an emphatic "W"—the brand of Woodsy Owl. Perched jauntily on his head is a dark green, Robin Hood hat fronted by a light green pine tree symbol and sporting a red feather in the hatband.

Woodsy's basic theme is "Give a Hoot. . . Don't Pollute."



SMOKEY BEAR

Smokey Bear needs no introduction. For years Smokey has been doing his part in protecting the environment. We invite you to continue to work on his campaign. As Smokey says, "PLEASE, HELP PREVENT FOREST FIRES."



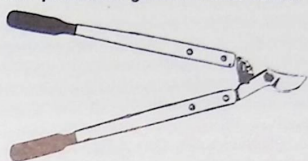
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