

JANUARY - FEBRUARY 1973

THE



FLORIDA GARDENER



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DEADLINE DATES

VOLUME 21

ISSUES 4 and 5

THE FLORIDA GARDENER

The Official Publication of the
Florida Federation of Garden Clubs, Inc.
non-profit organization

Member of National Council of
State Garden Clubs, Inc.

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4. MARCH-APRIL

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ABOUT THE COVER

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Calendar of Events

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



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President's Message



With the start of this new year we greet you with best wishes for happiness and success in your club activities. It will be another busy and productive year for the end of this administration as well as the start of a new one in May.

In this issue you will find important information regarding hotel reservations for the convention at Disney World at that time. Due to the block of rooms being held for the preferred accommodation of our Federation members, the procedure of obtaining room reservation forms from the District Directors or the convention chairman will be necessary. It may seem early to some of you but we urge the reservations be made with the hotel as soon as possible. The hotels in Disney World are booked to capacity six months to one year in advance. Thirty days prior to our meeting we will be required to release any rooms not reserved on that date. Full program information, package plans and other prices will be published in the next issue of the Florida Gardener. As in previous years, the convention registration fee will be \$5.00.

On January 30th and 31st we hope to see many of you attending the Tropical Short Course at Broward Junior College. In February we have been asked to attend the Deep South Seminar at Callaway Gardens in Georgia. Details were published in the November-December issue of the Gardener.

Last year we served as hostesses to the Deep South Regional Convention in Jacksonville. This year we are invited to attend the meeting in Mobile, Alabama March 21-23.

One of the joys attending these meetings, besides what we learn and share, is the renewing of friendships as well as making new ones. Friendship is one of the richest experiences in life. Philosophers in ancient Greece and Rome wrote of friendship as the greatest good a human could enjoy on this earth. The respectful trust and sharing that are part of human friendship are creative, freeing, in the presence of a friend we are more truly ourselves, we are free to grow and blossom. Friendship is a permanent concern for adults in their work and in their social life. Friends influence one another very strongly and we all tend to choose our friends on the basis of what we have in common. We contribute an essential part of one another's environment.

One of the worst faults we can develop is lack of communication with each other. Another is not sharing our knowledge and experiences with others.

To build on the past, in the present and for the future suggests unity and continuity in garden club organizations, whether on a local, state, regional or national level.

During the recent Holiday Season we heard many wishes for joy and peace. Let us strive to carry this feeling through the coming year in our association with each other, our communities, the Nation and the World.

Cordially yours,

ANNE GURKE



Miss Carol Beck and Mr. James Cook, Chief of the Bureau of Parks Operations, State Department of Natural Resources, shown beside plaque dedicated in honor of Miss Beck.

DEDICATION

Carol Beck Day was proclaimed for Thursday, October 12, at Highlands Hammock State Park near Sebring, the announcement was made by Randolph Hodges, executive director of the Department of Natural Resources. He said Miss Beck, had served as park naturalist and was employed almost 30 years by the Division of Recreation and Parks. A plaque was placed in honor of Miss Beck in the Sebring park by the Florida Federation of Garden Clubs, Inc.

Mrs. Andrew A. Gurke of Hollywood, state president of the Florida Federation of Garden Clubs, Inc., dedicated the plaque. Mrs. Carroll O. Griffin of Orlando, introduced the participants; the Rev. Thomas W. Jones, pastor of the First Christian Church of Sebring, gave the invocation; Mrs. G. T. Smith, Jr., of Ocala, gave the welcome address; James Cook, chief of the Bureau of Parks Operations with the Department, gave the response following the dedication and Capt. Robert G. Baylor, Superin-

tendent at Hillsborough River State Park, presented Miss Beck's record of achievements.

Miss Beck, who is author of a book, "Nature on Parade," started part time botanical work for the Florida State Park System in 1942, and became full time botanist in 1945. She was named chief naturalist, and in 1969 became conservation specialist. She retired from the Department in 1971.

During her employment with state parks, Miss Beck made her headquarters at Highlands Hammock, where she also gave nature tours and lectures. She has been active in conservation work.

Among other honors received are: Business and Professional Women's Woman of the Year, 1955; Florida Audubon Society's Conservation Award of Merit, 1961; Florida Federation of Garden Clubs' President's Award of Merit, 1968; Highlands County Wildlife Award of Merit, 1969. News Release: Bureau of Education and Information by Carol Beck.

EDITORIAL AND CIRCULATION REQUIREMENTS

1. Read and observe the deadline dates on page 1.
2. You will find TFG guidelines in the Book of Information pages 155 and 156. Also, in the 1972 S/O issue of TFG pages 5 and 7.
3. The guidelines should be observed by all members submitting any material to TFG. It's important to use 8½ x 11 white bond, please no bits and pieces of paper. Type—cursive writing cannot be accepted.
4. Board members are afforded space to promote facets under their leadership as designated by the president.
5. The May-June issue is "known as the report issue." Deadline for copy March 15. Six weeks is a short period for producing any publication. Reports should be projective (forward thinking!)
* * *
"To have ideas is to gather flowers; to think, is to weave them into garlands." by a Russian Mystic



NATIONAL TREE PLANTING CONFERENCE
New Orleans, Louisiana
OCT. 22-26, 1972



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Date

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Mrs. John Wood, Winter Haven

Not All Bugs Are Enemies In the Garden!

By Alice F. Smart

Unfortunately, the trees, shrubs and flowers, as well as vegetables, which you plant in your garden are often attacked by insects and diseases. However, before you start spraying indiscriminately, you need to learn how to tell your enemies from your friends.

Not all insects and diseases are harmful to plants, in fact, some are beneficial to the gardener. You've heard of the balance of nature, where the good insects and birds control the bad insects . . . and since the ecological surge even mail order houses such as Montgomery Ward offer Praying Mantis, Lady Bug Beetles, and other helpful insects for mail delivery. I know one lady who had a series of hatches cached in her refrigerator so she could space out the development. These helpful insects prey on harmful insects.

One of the helpful insects is the large and odd-looking praying mantis, who kills the Japanese beetles and other insects in the joints of his saw-toothed foreleg. The familiar brown spotted lady bug beetle eats hundreds of aphids each day. There are certain wasps that help control tomato hornworms, while earthworms aerate the soil.

Citrus grove owners are happy to have the "friendly fungus" in their grove to kill out the scale insects . . . and unless you know a friendly fungus when you see it, you probably would rush to spray for it! Snails are valuable in citrus groves to polish the fruits and prevent the damage of spider mites. Spiders are helpful in controlling many insects . . . yet some people are quick to kill a spider. Black snakes and other non-poisonous snakes will take care of rats, salamanders and the like, if you permit them the run of the yard. Yet many people kill any snake they see.

But if you need to spray for a specific pest, use a spray that is least

harmful to man and warm blooded animals, and spray just where you need to control pests. In this way, by using just what is necessary and not using indiscriminately, you can protect your helpful friends.

Pyrethrum, Rotenone and Sevin are three of the safest insecticides. Fungus diseases may be controlled by use of Sulfur, Zineb, Maneb, or Ferbam. The use of Sevin dust and sulfur in spot control often prevents spreading . . . that is, if you check closely enough to find the pest problem when it is beginning.

Plant berried plants to encourage birds—and provide them with water to splash in, and they will help you control the pests that crop up from time to time. Not only is a bird bath or pool an ornament, but it adds to your bird population. Did you know every little bird eats its own weight in bugs every day? That is a good way to get rid of insects . . . invite them!

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CAMP FACTS

Junior Nature Camp 1972 — the best year we have ever had! Each week was attended by 115 campers from all over Florida. The teaching program was the greatest! New subjects and new teaching methods were added to the conservation-nature study program. The enthusiasm for this outstanding teaching facility grows each year. It is one you can be proud of!

Brochures for the FFGC conservation-nature study camp for the 1973 session may be had after Feb. 1st by writing to Mrs. Ray C. Knopke, 515 Riverhills Dr., Temple Terrace, Fla. 33617. Camp dates: July 21 - August 11, 1973. Junior Gardeners will be given priority in registration during the month of February only. The weekly cost remains \$40. Boys and girls grades 3 through 7 may attend. Unless small miracle occurs we will

recommend. Help us find mature, skilled counselors who are at least 15 years old. You and they should write to: Mrs. D. R. Villareal, Jr., 4413 Brookwood Dr., Tampa, Fla. 33609. We need your help with the selection of these outstanding youths.




Funds for the new camp at Wekiwa State Park are well over half subscribed as we go to press. Remember that we **MUST** have our \$75,000 by May in order to release the \$100,000 provided by the 1972 legislature. Realistically, we **CANNOT** build the Wekiwa camp without these matching funds. Let us go over the top. Make your best effort in the few weeks ahead to meet your club and district's commitment. A lot of kids all over Florida are depending on **YOU!**

again hold camp at O'Lena State Park, near High Springs. Since many campers were turned away last summer, we strongly urge you to begin now by writing for a brochure. Make your camper selections early!

The strength of our camp program is derived directly from the good volunteer garden club members who give a week of their time and talents to teach young people. Let Mrs. D. R. Villareal know **NOW** that you can and will help. Please, do not wait to be invited.

Our teenaged boy and girl counselors are hired from young people you

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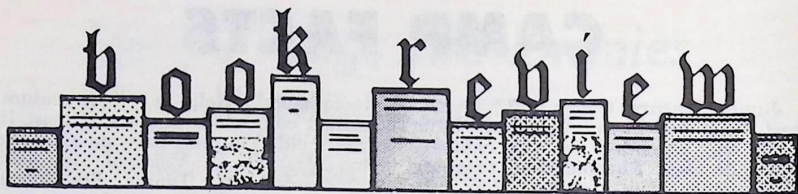


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LANDSCAPE YOUR FLORIDA HOME

By Mac Perry

(First edition, 174pp. Published by E. A. Seeman Publishing, Inc., Miami, Fla., 1972. Copyright by Mac Perry, \$9.95)

A most welcome book has just recently crossed our desk, one which will prove of value to all gardeners who have just moved to Florida. Most of us have had to limp along through trial and error, or enlist the aid of expensive nurseries, to plan the landscaping of our homes. There is no question but that landscaping in Florida is a great deal different than that of most of our country.

Mr. Mac Perry, the author of *Landscape Your Florida Home*, is well qualified to give us advice. Not only does he own a landscape nursery himself, but he also teaches horticulture at Pinellas Vocational-Technical Institute in St. Petersburg, and he has published many articles on the subject in magazines and newspapers.

It is not enough to be familiar with the plants which will thrive in our climate. To have surroundings designed to bring out the best features of your house and land you must have a well thought out plan when you choose your scrubs, trees and border plants. Mr. Perry tells you how to do this yourself. His ideas are practical and artistic, and we have no doubt that, if you evaluate your plan by the check points he provides, you will be well satisfied with the results.

He suggests the methods to use in planning your gardens as well as your foundation plantings, and he also includes ways of fencing artistically, uses for your land such as recreation areas, placing of drying yards, etc. For those who do not know the Florida plants there is also a list of the various types and descriptions of each.

A most unusual section deals with the treatment of mobile homes. Since those who have permission to plant around their homes have very small plots it is quite a challenge to make them attractive, and so enhance the home itself. Mr. Perry suggests the use of small, wooden pools, or ponds, rock gardens or herb gardens. Container gardening can be very effective. Perhaps the most critical part of the mobile home landscaping is the entryway. Mr. Perry says that its design will display your home and express your personality.

There are 24 full-color plates and 125 photographs and landscape layouts included. This book would make a fine house gift for a friend just moving down from the north. He will thank you many times over for it.

—Hermine L. Hoffman

The FLORIDA GARDENER

"HIGHER THINKING, BETTER LIVING"

We find great hope in the fact that a group of Protestant clergymen has gathered to weigh the religious aspects of pollution and ecology. This is not primarily because we applaud a broadening of the fight against the befouling of man's earthly environment, important as this is. But because we believe that, basically and essentially, all of the great issues confronting mankind have a deeply religious implication.

In the final analysis, man's attitude towards the environment, like his attitude towards his fellowmen, stems from his own view of himself and of his relationship to life's whole. Pollution is not something which springs up automatically and unavoidably as an economy broadens or as human activity increases or as population multiplies. Pollution comes from the quality of men's thinking about themselves and from their overall concept of what life does and should include.

As man's respect for himself rises, as his determination to live a purer (in all the various aspects of this word) life grows, he becomes increasingly uncomfortable in surroundings which do not reflect his higher vision. To a mind that is gross, pollution and filth give little or no offense. But we have seen throughout history that a rising level of intelligence and morality has brought with it an improved physical environment.

At times there seems to be regression. We are in one such period. Many feel that the pollution of water, air, and earth which characterizes so many of the more developed areas of the world today contradicts the thesis of mankind's progress from age to age.

We do not accept this interpretation. True, pollution has become an urgent, immediate problem. But it is man's very uneasiness in this condition which shows how far he has come in grasping the need to make

his earthly surroundings correspond to his higher concepts.

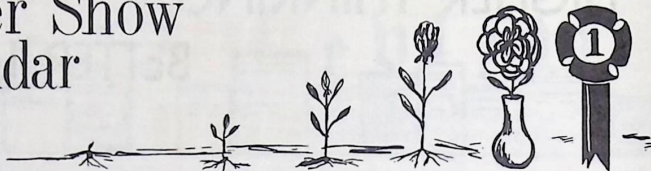
As men see and acknowledge that they are not merely animalistic dwellers on earth, but recognize that they reflect a more divine propulsion, they will demonstrate this nobler outlook in cleaner, purer, more satisfying surroundings. It is significant that over and over again Biblical promises of a better life and a better world also include references to purified physical conditions. We see much evidence that men are becoming more aware of this important connection.

—Editorial, Christian Science Monitor



where
shopping
is a
pleasure

Flower Show Calendar



- January 20, 1973 — The Beautiful World of Camellias, Tallahassee Federal Savings & Loan, Tallahassee Garden Club - Men's Camellia and Garden Club
- March 2-3, 1973 — Birds of Paradise — Our Paradise — The Fabulous Florida Keys, The Upper Keys Garden Club
- March 5-6, 1973 — America, The Beautiful, Bimini Room, Belleview Biltmore Hotel, Belleair Garden Club, Inc.
- March 11, 1973 — "The Annual House and Garden Tour", Palm Beach Garden Club, Palm Beach. Write: Mrs. A. Parker Bryant, 256 Worth Avenue, Palm Beach 33480
- March 23-25, 1973 — Spectacular, New Youth Fair Building, Metropolitan Miami Flower Show, Miami Garden Clubs
- March 24-25, 1973 — For Land's Sake, Vero Beach Garden Center, Garden Club of Indian River County
- March 24-25, 1973 — Sarasota Story, In Living Color, Civic Auditorium, Sarasota Garden Club
- March 25-26 — Show of Palm Springs Garden Club, Palm Springs
- March 27 — "Beyond the Garden Wall", Boynton Beach Garden Club
- March 30-31, 1973 — "Ah - Tis Spring", Jenkins Auditorium, Clermont Garden Club
- March 30-31, 1973 — Spirit of 76, Saluting America's Bicentennial, North Tampa Garden Club
- April 5-6, 1973 — Over The Garden Wall, Lake Placid Garden Club of Light House Point, Trinity United Methodist Church
- April 6, 1973 — The Many Moods of Art, Placement Show and Garden Tour, Home of Mr. and Mrs. Albert Thornbrough, 379 Alexander Palm Road, Boca Raton, Boca Raton Garden Club
- April 6-7, 1973 — Swing With Nature, Pompano Beach Garden Center, Pompano Beach Garden Club
- April 7-9, 1973 — Gods' Creation, Garden Center, President's Council of Garden Clubs of St. Augustine
- April 13-14, 1973 — Patchwork Pageant, Tampa Federation of Garden Clubs
- April 14-15, 1973 — Annual Spring Flower Show, Bartow Civic Center, Bartow Garden Club
- April 28-29, 1973 — Flowers, American Style, Indian Harbour Beach Community Center, In Har-Bee Garden Club

DID YOU KNOW?

"We want you to know Mrs. Philip James as we know her! She is the Plant Distribution Chairman of the Florida Federation of Garden Clubs and almost always goes to and returns from the State Board meeting with an arm load of plants — there have been times when there were more than just an armload, and they aren't little bitty plants, neither. She is Historian (this administration) for the Council of Garden Club Presidents of Dade County, from 1961-63 she was president of the Council. She is past president of the Sunset Garden Club, was formerly on the Board of Governors of the Metropolitan Miami Flower Show, and has been both horticulture and classification chairman for Metropolitan. There have probably been many other important positions that she has held, but Dottie is very modest about all the things she has done. Born in Illinois, reared in Atlanta, moved to Miami in 1919, she and her husband met when both were working at the Roman Pools. Phil retired from the position of Assistant Superintendent of the City of Miami Beach Recreation Department and (believe it or not) their son-in-law now holds the same position, sort of keeping it in the family. Phil and Dottie have a son and a daughter, the son was inspired to become a building contractor when they built their home at 5620 SW 67th Avenue and is working as a general contractor in the Avon Park area. Dottie is a charter member of the Miami Beach Community Church, is an avid plant collector and has brought back orchids,

bromeliads and aroids (one of which is still unidentified) from Costa Rica, Honduras and Panama. We can't tell you all the nice things about Dottie, but we who know her, love her — won't you join the crowd." By Sally Rahm and submitted by Mrs. Alex McIntosh.

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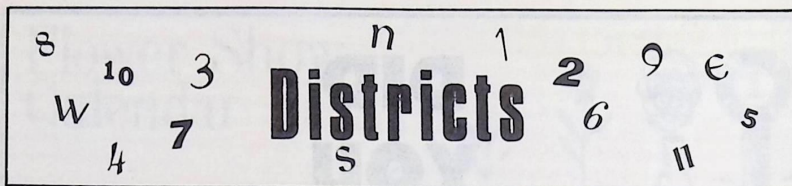
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District VII

District VII is unique in that it is the only District in The Florida Federation of Garden Clubs, Inc., which has held an annual Junior Gardeners, Garden Therapy, and Hobby Workshop for the past 15 years. High School Gardeners were added in later years. Workshops have been open to the public as well as to all garden club members. Garden clubbers have attended our workshops from as far away as Jacksonville, Tampa, Fort Myers, and the Daytona area. Attendance has ranged from 200 to 1400 people.

District VII's workshops were held this year on October 5, 1972, in three different areas of the District: Conway Garden Club, The Garden Club of Sanford, and the Eustis Community Center. By having three workshops more people were accommodated. Also, by attending the nearest one, members had a shorter distance to travel. Registration fee of \$1.50 included kits for each participant to make Glamour Match Boxes, Rose Corsages, Pine Cone Red Birds, Grapes made from Australian pine burrs and Yarn, and Gold Wall Hangings made of pine cones, seeds, pods, etc.

Exhibits consisted of Conservation material, Landscape Design, Junior Intermediate, and High School Gardeners. "People and Their Environment" books were well publicized at the Junior, Intermediate, and High School Gardeners exhibits. "Crafty Therapy" books, an instructor's manual in Garden Therapy, edited by our

District Chairman of Garden Therapy, were available for those wishing them.

There were two demonstrations during the day—one on Flower Arranging and one on Horticulture Grooming. These were conducted by accredited flower show judges. Food was served throughout the day.

Approximately 75 members were involved in instructing, assisting, and giving demonstrations. Substantial evidence has borne out the fact that leaders attending these workshops have returned to their clubs and instructed in Junior, Intermediate, High School, and Garden Therapy. Senior citizens have profited through the hobbies taught at these workshops.

District VII won National Council Award #7 — White Ribbon Special Certificate for their 1971 Workshop.

District II

Parker, Florida

October 23, 1972, Mrs. Rhett Enzor, FFGC Blue Star Marker Chairman, dedicated a Blue Star Marker on East U. S. Highway 98 approaching the Dupont Bridge on the Parker end. Mr. E. E. Farris, accepted the Marker on behalf of the Florida Highway Department.

The Blue Star Marker was made possible by the Parker Garden Club, under the leadership of Mrs. Herman Jones, President and Mrs. Beatrice H. Walsh, Chairman of the Blue Star Marker Committee.

District XI

By Mrs. E. O. Williams

Telling and showing of the work with youth in a positive way provided knowledge and inspiration to garden club members who for many long years have fought for conservation in all phases.

The program of District XI Workshop, October 25, in the Garden Center at Birch State Park, planned by Mrs. Jack Allen, illustrated the work being done rather than just talking about what should be done. Mrs. Lloyd Hundley, Chairman of Teacher Conservation Workshops introduced Mrs. Sandra Austin, a member of the Pine Jog staff. "Conservation as a Way of Thinking and a Way of Life" is the theme of the various programs conducted at Pine Jog.

For 12 years fifth graders have studied habitats of plants and animals, have had conducted tours of mini-trails and natural areas. Now there are classes through high school levels. The young people are involved with marine science in the beach walks, and shallow water exploration.

For higher grades there are exercises such as checking temperature variation in marshes and natural growth, the value of mangroves. They learn the ways man effects his environment, and how environment effects man. Hopefully this teaching points to an improvement in the quality of the home life of the participants. Dr. Roy Campbell, Principal of Nova High School in Broward County, explained the establishment of a resource teacher for outdoor education, and the success of the undertaking. A mobile oceanography and environmental science laboratory, used in teaching, was on display.

Mr. Edward Hougendouler, first resource teacher, now in charge of outdoor education for 130,000 students, all grades through high school, explained the work with use of slides and prints.

Background for this activity includes the Secret Woods, Snyder

Park, school yards, parks, Dania beach, and for teachers field trips there is Big Pine Key. These are interesting exploration areas. Interest in these programs by students and teachers assure its success.

Students from Junior Nature Camp reported on activities there and expressed appreciation for the privilege of attending camp.

Mrs. C. L. Schandelmayer and Mrs. W. C. Knox, horticulturists, identified plants and emphasized the need for alertness to prevent cutting of trees protected by local ordinance, and the to date disregard of laws governing dredging and filling.

Five attractive trees for street and home planting were given: Mahogany, Silver Buttonwood, Black Olive, Live Oak and Wild Tamarind.

Mrs. Gladys Paxton, Grapho-analyst, illustrated the science of character analysis by use of handwriting samples.

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DEEP SOUTH CONVENTION 1973

Deep South Region cordially invites you to attend its annual Convention to be held in Mobile, Alabama, March 21, 22, 23, 1973.

The setting for our meeting will be the historic restoration area of Mobile with the theme of "Alabama's Heritage" which promises much of interest.

We hope the Azaleas will be in bloom to delight you on the tours which are planned.

Do come—you are assured a true "Deep South" welcome.

Sincerely,

Clara R. Easterly
Mrs. Lewis Easterly, Director
Deep South Region

* * *

As hostess for the Deep South Convention for 1973, The Garden Club

of Alabama, Inc., joins our Regional Director in extending you a most cordial invitation to magnificent Mobile, March 21, 22, 23, 1973.

This historic jewel of a city, crowning Mobile Bay will be dressed in her finest in anticipation of your arrival. The city where Mardi Gras was born in America, will roll out a carpet of blossoms for you at Bellingrath Gardens. We will lure you through the "Iron Lace District" and enchant you with the History of Six Flags. We want you to stroll the white beaches and sample seafood at its best. We want you, our sister States, to know of the proud warm welcome awaiting you.

Sincerely,

Rosalie Durden,
Mrs. James Durden, President
The Garden Club of Alabama, Inc.

TENTATIVE PROGRAM DEEP SOUTH REGIONAL CONVENTION

Admiral Semmes Hotel
Mobile, Alabama

March 21, 22, 23, 1973

"ALABAMA'S HERITAGE"

Tuesday, March 20

6:30 P. M. — Regional Council Dinner and Meeting
Wednesday, March 21

9:00 A. M. — Council Meeting (continued)

10:30 A. M. — Formal Opening of Convention

12:30 P. M. — Luncheon

Speaker: Mrs. Thomas Horne — "The Bartram Trail"

2:30 P. M. — Business Session (continued)

3:45 P. M. — Workshop — Age and Youth, Mrs. Betty Fitz-Gerald
Dinner on your own

9:00 P. M. — Reception

Thursday, March 22

8:00 A. M. — Continental Breakfast

9:00 A. M. — Business Session (continued)

12:30 P. M. — Luncheon

Speaker: Mrs. Margaret R. Ingate — "Historic Mobile"

2:00 P. M. — Tour of Historic Mobile and Tea

7:30 P. M. — Banquet

Speaker: Mrs. W. A. Ruffin — "Alabama's History in Flowers"
Awards

Friday, March 23

8:00 A. M. — Breakfast — On your own

Business Continued

Adjourn

Optional Tour of Bellingrath Gardens

REGISTRATION BLANK
DEEP SOUTH REGIONAL CONVENTION
 Admiral Semmes Hotel
 Mobile, Alabama
 March 21, 22, 23, 1973

PLEASE CHECK:

- | | |
|-----------------------------------------------|---------------------------------------------|
| <input type="checkbox"/> National Officer | <input type="checkbox"/> State President |
| <input type="checkbox"/> National Chairman | <input type="checkbox"/> Delegate |
| <input type="checkbox"/> National Life Member | <input type="checkbox"/> Alternate |
| <input type="checkbox"/> Regional Officer | <input type="checkbox"/> Club Member |
| <input type="checkbox"/> Regional Chairman | <input type="checkbox"/> Visitor or Husband |

NAME

ADDRESS

CITY	STATE	ZIP	
REGISTRATION			\$ 5.00
REGISTRATION, per day			3.00
REGISTRATION, per single event			1.50
REGISTRATION, Husband or Visitor			1.00
Wednesday, March 21			
<input type="checkbox"/> Luncheon			6.00
<input type="checkbox"/> Reception			
Please check each event you will attend			
Thursday, March 22			
<input type="checkbox"/> Luncheon			6.00
<input type="checkbox"/> Tour — For all, including husbands and visitors and is included in PACKAGE PLAN			10.00
<input type="checkbox"/> Banquet			12.00
Please check each event you will attend			
Friday, March 23			
<input type="checkbox"/> Breakfast			on your own
PACKAGE PLAN Before March 10			39.00
PACKAGE PLAN After March 10			41.00
<input type="checkbox"/> Optional Tour of Bellingrath Gardens if enough want it.			
Please check if you will attend.			

Make checks payable to DEEP SOUTH CONVENTION 1973.

MAIL REGISTRATION BLANK AND CHECK TO: Mrs. J. J. Fulton
 2809 Exter Drive
 Mobile, Alabama 36606

REGISTER NOW FOR DEEP SOUTH REGIONAL SEMINAR

February 19 has been set as the deadline for registration for the Deep South Regional Seminar which will be held February 26 and February 27 at Callaway Gardens. Send check to the Registration Chairman, Mrs. Melvin Hardy, 5158 Verdun Drive, Columbus, Georgia 31907. The fee will be \$18 for the Package Plan which will include the Banquet Monday evening, or \$4 for each session—morning or afternoon—Monday, February 26 and Tuesday, February 27.

This Seminar will have as its theme "Historic and Horticultural Awareness" and it may be used as a Refresher Course for Landscape Design Appraisers or Critics. For more in-

formation send to Mr. Fred Galle, Vice-President of Callaway Gardens, Pine Mountain, Georgia 31822.

Mrs. Maxwell W. Steel, President of National Council of State Garden Clubs and Mrs. Howard Kittel, National Vice-President will both be speakers. Others on the program will be—Dr. Russell Seibert, of Longwood Gardens, Pennsylvania; Prof. E. C. Martin, Jr., of the Mississippi State University; Mr. Troy Keeble, Area Horticulturist, of Atlanta; Mrs. Edith Henderson, Landscape Architect, of Atlanta; Dr. Hubert B. Owens, Dean of the School of Environmental Design of the University of Georgia; Dr. Joseph Mahan, Vice-President of Westville, an 1850 Village Re-Creation; and Mr. Fred Galle, Director of Horticulture of Callaway Gardens.

Submitted by: Mrs. Shelby Myrick

Bring the Outdoors In . . .

Advice from Florida Nurserymen And Growers Association, Inc.

Florida is a land of sunshine and outdoor living says Florida Nurserymen and Growers Association (FN-GA). There are many people who do not have homes and grounds to maintain. Apartments and condominiums are becoming the way of life. This type of living can become dull and placid without the use of plants to enhance the interior decorum.

Many people living in condominiums and apartments have taken the easy way out by buying plastic plants. These for a time may suffice for their desires, but ultimately plastic becomes a monotonous and dull object. The leaves become dirty catching the dust and always remain the same after cleaning. For this reason and many more, the Florida Nurserymen and Growers Association (FN-GA) suggests that you select a few well adopted indoor plants. There are many from which you can choose: palms, vines, ferns, and small trees. Let's look at a number of plants suitable for the interior of apartments, condominiums, and even homes. Chamaedorea palms are excellent for the home. There are several varieties

carried by the nurserymen so your selection should be easy. Raphis palms and Areka palms are both acceptable as interior plants. Small trees can be an asset for the interior of the home. One of the best and probably used the most extensively is Ficus Benjamina, variety Exotica. This has a weeping habit and can withstand the adverse conditions of air conditioning and subdued light. Two other species of Ficus find themselves a place indoors, Ficus Decora and Ficus Lyrata (pandurata).

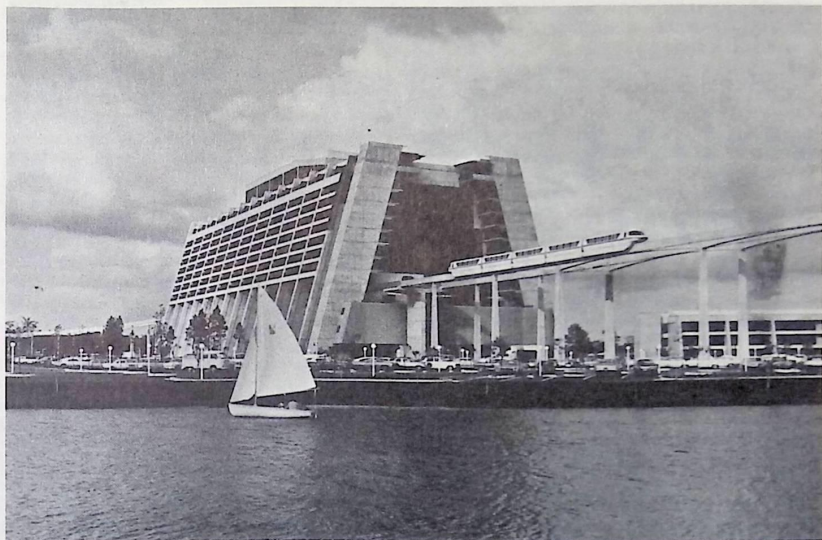
For delicate, lacey foliage and interesting trunks, *Dracaena marginata* is unsurpassed. It can provide the affect of elegance when small or large.

Foliage plants should not be overlooked when it comes to house plants. The Chinese evergreen is probably one of the hardiest and can exist under the most severe conditions. The varieties are many. Ferns have come into their own and make excellent hanging baskets, or focal points on an antique stand. *Asparagus sprengeri* forms a weeping fall over the edge of the pot that is unsurpassed in beauty.

F.F.G.C.s 47th Annual Convention

"Nature's World of Fantasy"

Contemporary Hotel
Walt Disney World, May 22-24, 1973



CONTEMPORARY RESORT—Just seconds away from Walt Disney World's Magic Kingdom theme park, 14-story Contemporary Resort-Hotel, with its two freshwater pools, thrusts its marina into emerald green Bay Lake. Marina "houses" assortment of Walt Disney World watercraft — from sailboats to houseboats — for Vacation Kingdom visitors. (Copyright Walt Disney Productions)

HOTEL INFORMATION: Your hotel reservation request must be made on a Walt Disney World application form and mailed with a deposit of \$35 per room in the envelope provided. Make checks payable to Walt Disney World. Get application forms from your District Director. Their names and addresses are listed in the current supplement to the book of information. Room applications must be received (WDW) at least 30 days prior to the convention dates.

CONVENTION'S DAILY RATE PER ROOM \$35.

Rates based on single or double occupancy. (Plus appropriate taxes.) Additional adults per person \$4 (not to exceed four persons per room).

Check in time 3:00 p.m. Members arriving early may register upon arrival and their luggage will be held and put in their rooms at three o'clock.

NEARBY HOTELS: The Dutch Inn (Disney property) will be open in January 1973, but rates will be about the same as the Contemporary Hotel; Howard Johnson and Sheraton Olympic Villas are quite a distance away, rates may be lower, but consider that each time one enters the gate (WDW) it cost 50c.

Complete convention information will be in the March-April issue of TFG.

Factual Information: Mrs. John D. Grathwol

Critics Are Aware!

Mrs. Walter W. Rippe, President
Florida Landscape Critics Council



Titusville Garden Club, Inc., using the knowledge and abilities of two Landscape Critics, recently completed landscaping of North Brevard District Library. Mrs. William D. Farney and Mrs. John R. Hammon (shown) prepared the landscape plans and coordinated the services of HANDS, City Parks Department, Boy Scouts, Rotary Club, and local Garden Clubs to complete the design with a total budget of less than \$300.00. The several acres surrounding the building also include 24 Magnolia trees donated as a living memorial by clubs and/or individuals.

Council members are graduates of the Florida Landscape Design Schools which consist of four intensive reading and study courses covering a two-year period. These Schools are approved by National Council of State Garden Clubs, sponsored by the Florida Federation—as well as every other state federation—and cover the total landscaped environment.

Through these courses, Critics are aware of the history of landscape design — the importance of the great designers of Europe, Middle East, the Orient, and their influence on our environment today.

Critics are aware of the necessity for conservation of our land. We must not lose green spaces and water storage areas to ill-planned housing or industrial developments. Too often town or city will, thru annexation, allow projects to be built that would not be possible under a County or Regional Zoning Code. State Land Planning should become a reality.

Critics are aware of the total environment — land, swamps, pastures, forests — sun, wind, rain — insects, animals, and man — and their influence on the landscape and on each other. They know we must control the

air space and land below it for our own use and enjoyment; that the adverse effect of air pollution is tremendous on our plants — as well as man—but that plants can help purify the air.

Critics are aware that density of population must conform to ecological factors. Natural drainage of land, including necessary flood plains and water storage, are most important in development planning. Availability of water and sewage treatment, adequate roads, schools, churches, green spaces and shopping areas should be included in any planned development of Florida in this critical period of our growth.

Critics are aware of roadside development and beautification. The necessity for freeways is obvious, but they should be planned with a minimum destruction of the natural environment. Large plantings of trees and shrubs contrasted with open spaces and a minimum of billboards create a high-speed highway with interesting vistas that relieve the monotony of the ribbon of concrete.

Critics are aware of the relationship of Landscape Design to other arts and professions. All principles and elements of the design process — plus the important factor of growth— are included in the study using grass and ground covers, base plantings, shrubs and trees. They know that a really good design survives—because it satisfies the esthetic yearning of man.

Critics are aware of the importance of the homegrounds to a growing family. Children surrounded with growing beauty will learn to appreciate the larger environment of city, county, state and country. Critics know that any design is a thought-process of use, space, choice of plant materials and completion. They learn the most effective use of color — even shades of green — and the beauty of bare branches as an adjunct to the garden. Plants are chosen for easy maintenance, habit of growth, form, ultimate size, texture and contrast of foliage forms. They learn that it is important to "design with nature"!

Critics are aware of the functions of Planning and Zoning Boards and the importance of how they operate —

hopefully under a master plan not only for the city, but for the county and region as well. They know the advantages of the concept of cluster housing in new urban design.

Critics are especially competent to work with beautification of school grounds; evaluate gardens in shows and/or Home and Garden Tours; judge those state and national awards pertaining to their study. They are today working on projects to create beauty in city parks, roadsides, hospitals, historic homes, etc. all over the state of Florida. Planning and Zoning Boards in different areas of the state are also using the particular talents gained thru the most exciting, informative courses ever provided by the Florida Federation of Garden Clubs.

The Landscape Design Schools are at present being held in Jacksonville with Course /4—the last of the series—in May, 1973. Cost to the student of these courses is nominal since industry recognizes the importance of training women — and men — in preservation and beautification of today's environment, so they subsidize the cost to the Florida Federation. A Garden Club member who completes all four courses and passes the examination will be designated a Landscape Design Critic by National Council. The Florida Landscape Critics Council is composed of those Critics who pay membership dues of \$5 every two years and receive informative newsletters as well as inspirational meetings held bi-annually.

The Florida Landscape Critics Council won the Hubert Bond Owens national award in 1972 for "continuing education in Landscape design". This award was presented for the "Primer for the Design and Development of the Landscaped Environment" which was written and edited by members of the Critics Council. All of the foregoing is elaborated upon in the Primer. If Garden Club members do not as yet own one, it is an excellent reference booklet for membership participation in a club program. It also goes into some detail on home-ground improvement, school grounds, and roadside development as well as mini-parks, garden for the blind, etc. Copies may be ordered for \$1.00 including tax and postage, from Mrs. Walter W. Rippe, President of the Council.

Tribute to Mrs. J. D. McCullagh

By Mrs. Charles H. Blanchard, Sr.



Liz McCullagh was a Guardian of Gardens long before her name was struck in bronze on the Wall of Memory at State Headquarters. Her life was one of abysmal dedication to her faith which was Presbyterian, to her garden club, and to her family and friends who knew that she was as dependable as the traditional Rock of Gibraltar.

Liz pondered life, probing it from every angle before reaching a decision. A diurnal student, ever determined to learn more, she shared her knowledge with all, upon request. She had a penetrating eye and ear and could call attention of a group to a point left unconsidered, when the occasion arose. No assignment was too large or too small whether it be District Director or emptying ash trays after a board meeting. Whatever she did, it seemed to be a privilege.

Liz McCullagh left us suddenly, as she would have preferred. For those of us who were lucky enough to know

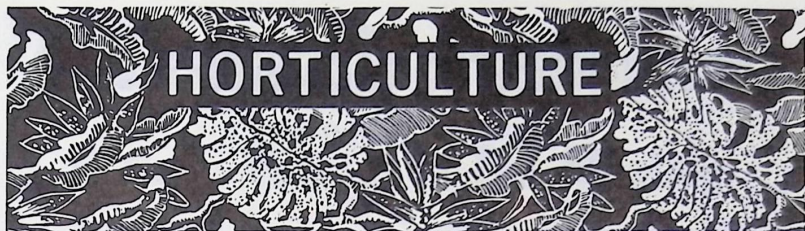
her, the mention of her name will always generate a smile. She would prefer that too. What a member we were blessed with, and what a memory she has bequeathed to us all!

The quality of Liz's personality and ability permeated the fabric of FFGC through the following chairmanships: Co-convention, State Parks and Memorials, a Trustee of Headquarters, Policy and National Gardener.

Monetary gifts (State and National Life Memberships) in her honor and by her will perpetuate many garden club facets, but beyond these are the gifts of her spirit.

Liz was one of "the beautiful people" this member (editor) met through serving FFGC. Her achievements and thoughtfulness will be a lasting inspiration to all of us.

"We have lived not in proportion to the number of years we have spent on the earth, but in proportion as we have enjoyed it." — Henry David Thoreau



WHO MISSES TULIPS?

By Mrs. E. Robert Hunter

Who indeed could miss tulips or any other northern bulb in a state where amaryllis can be grown outside in the ground? What more spectacular sight could one want to herald the spring than a bed of amaryllis in full bloom?

They are remarkably hardy under our conditions and may be left in the ground year round, but they will bloom better if lifted and replanted every two or three years.

As with most easily grown bulbs and tubers, amaryllis have been extensively hybridized. Most of this work has been done in Holland and the resulting large flat round flower is known as a Dutch hybrid amaryllis. There are hundreds of named varieties. The American hybrids tend to be more tubular in shape, slightly smaller and less round. Another amaryllis which is grown quite a lot in Florida is the amaryllis *Belladonna*, a lovely orange-red species with a very distinctive shape. It is particularly beautiful in mass plantings.

Amaryllis may be grown either in the ground or in pots. In the ground the top of the bulb should be barely covered. It should be uncovered in a pot.

They will grow and bloom best in full sun or at least semi-sun. In full shade or in soil too rich in nitrogen they will grow, but will not bloom. A low nitrogen fertilizer such as 4-5-10 or 3-9-9 is therefore recommended.

The key to growing amaryllis or indeed any bulb successfully is to remember that next years bloom is dependent on this years care. This in a way is true of all plants, but in the case of bulbs food is stored in the bulb for next years blossom and when that stored food is used up in the production of a flower it must be replenished or next years bloom and possibly the year after will be affected.

Amaryllis can be propagated by bulblets, by seeds or by cutting the bulb vertically into sections. This insures exact reproduction. Seeds will produce hybrids and those that are hand-pollinated will produce the best results. Crosses should always be made with a desired result in mind and not just haphazardly.

However you acquire them, do devote some part of your garden to amaryllis for spring beauty.

Horticulture Classification

By Mrs. E. Robert Hunter

A rose is a rose is a rose . . . except at flower show time when it is the genus *Rosa* of the family ROSACEAE and we trust with its proper varietal name. We promise you it will smell as sweet but it will have much more meaning for its viewers with its botanical name and classification.

The easiest way to insure proper names throughout our flower shows is to enter and classify our plants botanically, but many shows are still using the old categories: Flowering, Fruiting, and Foliage. In Florida we are so rich in plant material that some more orderly form of classification is essential, so let us relegate these categories to the obscurity they deserve, and replace them with botanical families.

Some of the drawbacks of the old system are these —

1. **Confusion** — I have seen schedules where Begonias, for example, could be found under as many as six headings. How can they be judged with consistency and equality when widely separated and probably assigned to different judges panels.

2. **An Unbalanced Whole** — All the flowers together and all the foliage together does not make as attractive a show as one where the bloom is scattered throughout.

3. **Neglect of Educational Possibilities** — we can learn from our show with correctly labeled plants.

4. When a plant has but little bloom, entrants are sometimes advised to remove that bloom in order that the plant be entered in the foliage category. This practice alone should be reason for abandoning this type of classification. Even one bloom is helpful for someone wanting to identify a variety, so a classification that causes removal of bloom has no place in a flower show presented for the education and enjoyment of the public.

Awards and judging add greatly to the interest created by a flower show, but we should never let our scramble for blue ribbons cause us to lose sight of our goal which is EDUCATION.

The following divisions are suggested and have been used in flower shows such as Miami's Metropolitan, for years with very few problems. Of course, the specific plant families used could be changed to suit the number of entries usual in differing parts of the state.

1. ARACEAE
2. BEGONIACEAE
3. BROMELIACEAE
4. CACTACEAE-CRASSULACEAE
5. GESNERIACEAE
6. LILIACEAE-AMARYLLIDACEAE
7. ORCHIDACEAE
8. FILICES
9. PALMACEAE
10. MISCELLANEOUS (all others)

The entry card would then carry the group number and the entry number (of the plants in each group) and the following information—

A place for the family name, i.e.—
ARACEAE

The genus, i.e.—
PHILODENDRON

The species, i.e.—WENDLANDI

The variety, i.e. (if there is one)—
VARIEGATUM

This of course necessitates having an identification and entry panel with more than a nodding acquaintance with horticulture. It may be necessary to have some identification workshops in preparation for the show, but any club should find this a rewarding and challenging experience. Didn't we all join the garden club to learn more about the plants we are growing?

FFGC Board of Directors

Resume Minutes of Fall Meeting

September 26, 1972

State Headquarters, Winter Park

By Mrs. Melville Hall

State President Mrs. Andrew A. Gurke, at the fall meeting of the FFGC board of directors, cited for their summer programs Mrs. Wade B. Hampton, Mrs. D. R. Villareal Jr., Mrs. J. B. Threlkeld and Mrs. Milo V. Martin on the University of Florida Short Course, the Junior Nature Camp, the Pilot Youth Conference and the Symposium, respectively.

Reports of other officers, district directors and committee chairmen revealed much effort had gone into routine work and preparations for launching the federation's many-faceted 1972-1973 program in its 12 districts.

Brought out among other things was with the addition in June of a Blue Star Memorial Highway Marker at Lake City, Florida had a total of 82 dedicated markers and Parker Garden Club planned to dedicate another in October.

The need for exerting special effort in selling the approximately 3,500 Florida Flower Arrangement Calendars then on hand, in order that anticipated profits could be attained, was emphasized. Also, the necessity for FFGC members to support and vote for questions 1 and 2 on the November General Election ballot to make effective the "Environmental Land

and Water Management Act of 1972" which they had previously supported.

Board members heard five volumes of "Illustrated Dictionary of Gardening" from the collection of the late Miss Celia Grant had been received

They also heard Joe Crevasse of Gainesville and Miss Kathy Sample of Jacksonville announced as horticulture specialists and Mrs. Frank L. Woodruff III of Sanford and Mrs. instructors, pending approval; that the Rodney Radford of Delray Beach as first Flower Show Schools outside the continental United States were being held in Lima, Peru and Bogota, Colombia; that \$375 had been contributed to State Headquarters for the various books (Gold, Silver, Parade of Presidents, In Memoriam, etc.) by FFGC members and friends during a three-month period; that St. Petersburg Beach Garden Club had received a citation for having 100 percent of its membership as subscribers to The National Gardener; and that North Palm Beach Garden Club's purchase of its emblem for a civic directory had been made possible by the selling of 222 boxes of stationery.

In addition they heard that the federation must complete raising its \$75,000 for the Junior Nature Camp

(Continued on Next Page)

at Wekiwa by May 3, 1973 or the State of Florida's \$100,000 will not be available; heard Mrs. Vernon L. by the federation's library at State Headquarters for reference purposes, and additional volumes had been received from Mrs. G. O. Gjoerloff.

Conner commended for the constant impetus she had given in achieving the \$100,000 goal for the Headquarters and Endowment Fund, and that 3,034 FFGC Cookbooks remain unsold and are stored at Headquarters.

Board members were presented with the 1972-1973 Supplement to the FFGC Book of Information for their files; viewed three of the five slides which have been presented to the federation by the Soft Drink Bottlers Association, as well as color slides of the 1972 Junior Nature Camp which are available, along with a cassette taped commentary, to clubs for programs by writing the camp Chairman Mrs. Ray C. Knopke; and slides of the Glenn Glitter symbol being promoted by Litter Control Chairman Mrs. John McClelland.

During the session members of the board also:

- Adopted the audit report as presented by Mrs. Edward F. Smithers.
- Accepted with regret the resignation of Glenn Arden Garden Club, District VII.
- Heard Holly Circle with 17 members had been added to Deltona Garden Club in District VI.
- Approved providing the federation's master club list to "Land for You, Inc." for use in furnishing information to FFGC members.
- Heard University of Florida had recently been accepted by the American Society of Landscape Architects.
- Approved raising the George Morrison Scholarship in Landscape Architecture from \$500 to \$1,000.
- Heard Mrs. Gurke refer a motion that the federation's profit from the sale of Bright of America products be placed in the Fellowship-Scholarships Fund to its Fellowship-Scholarships committee, with Mrs. David C. Stouder as chairman, for further study.
- Approved adding four pages to each of the remaining issues of The Florida Gardener for the current administration.
- Approved Flower Show Schools including Course 1, Orlando, Feb. 20-22, 1973; and Course 1, Daytona Beach, week of April 9, 1973.
- Approved placing one-half the income from \$100,000 in the Headquarters and Endowment Fund in the federation's General Fund to help defray maintenance of Headquarters; and establishment of a Contingency Fund for major unanticipated replacements and/or repairs with the remaining one-half of income on Headquarters investments to be credited to this account.
- Witnessed presentation of a \$100 check from Continental Travel to Mrs. Gurke for the federation.
- Approved honoring FFGC President Mrs. Gurke by placing her name in the "Parade of Presidents" Book.
- Approved advancing \$1000 to the 1973 Convention Committee headed by Mrs. John Grathwol, chairman, Mrs. Raymond Todd and Mrs. Edie Miller, co-chairmen, to help defray expenses.
- Ratified appointment of Mrs. Durie Ekman as chairman of the 1973 Symposium to be held in Tampa. manual containing pertinent information.
- Approved the FFGC publishing a motion for the federation's officers and chairmen as well as garden club members.

—Accepted the invitation of District 1 Judges Council to have the 1974 Symposium in Pensacola.

—Approved amending the budget, previously adopted, to include the \$500 raise in the George Morrison Scholarship in Landscape Architecture, \$10 for the "Parade of Presidents" Book entry, and \$105 for National Science Awards.

—Heard Mrs. Malcolm Fortson announced as the newest FFGC Headquarters Patron Plaque pledge.

—Elected Mrs. Melville Hall, Zephyrhills, chairman of the FFGC Nominating Committee.

—Heard 10 a.m., Thursday, Dec. 7 announced as time and date of the state nominating committee meeting at Headquarters, Winter Park.

FFGC Board Changes

Replacing Mrs. J. D. McCullagh: Trustee of the Headquarters Committee for term ending May 1973—Mrs. Truman Green, 42 Ladoga Avenue, Tampa 33606; and Mrs. Parker Grant, National Gardener Chairman, Horseshoe Ranch, Bonifay 32425.

FFGC 1973 Officer Nominees

Mrs. Sidney Davis, President; Mrs. W. T. Chennell, First Vice President; Mrs. Homer Gwin, Second Vice President; Mrs. Dewey R. Villareal, Jr., Third Vice President; Mrs. Edward R. Jordan, Recording Secretary; Mrs. John G. Wood, Corresponding Secretary; Mrs. Edward F. Smithers, Treasurer; Mrs. James F. Hussey, Assistant Treasurer.

GRANDMA'S ROCKING CHAIR

The old rocking chair is empty today,
for Grandma is no longer in it.

She's off in her car to her office or
shop, and buzzes around every
minute.

No one shoves Grandma someplace
back on the shelf, for she's versatile,
forceful, dynamic.

That's not a pie in the oven my dear;
her baking today is ceramic.

You won't see her trundling off early
to bed, from her place in a warm
chimney nook.

Her typewriter clickety clacks through
the night, for Grandma is writing a
book.

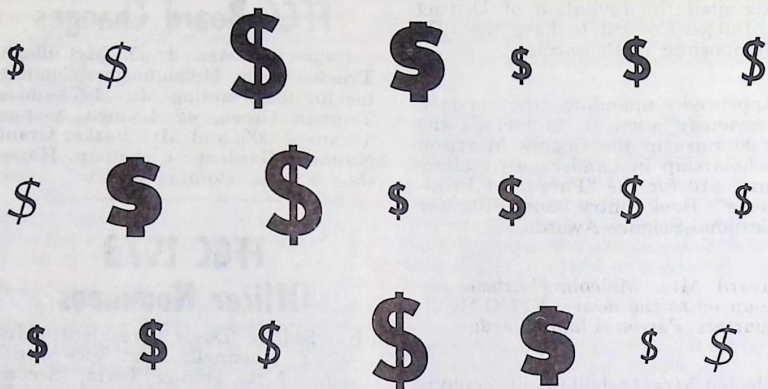
Grandma ne'er takes a look to the
front or the back, to suggest that
her age is advancing.

She won't tend the babies for you
anymore, for Grandma is taking up
dancing.

She's not content with thinking old
thoughts, with old-fashioned, second
hand knowledge.

Don't bring your mending for Grand-
ma to do, for Grandma has gone
back to college.

—Author Unknown. Submitted by:
Mrs. Alex McIntosh



Implementation of the \$240 Million Bond Issue

The Department of Administration will determine and establish "areas of critical state concern" up to a total of 500,000 acres at any one time during the first year. Both the Game and Fresh Water Fish Commission and the Department of Pollution Control will be given certain determinative powers. The greatest responsibility will deal with the manner in which the bond proceeds are to be used, which will be vested in the Governor and Cabinet as head of the Department of Natural Resources.

Generally speaking, the Department of Natural Resources will be responsible for applying the proceeds of the bonds up to the full \$240 million, in such a way as to best accomplish the purposes set forth in the Land Conservation Act of 1972. Where the \$40 million for outdoor recreation is con-

cerned, a successful pattern is already well established.

Concerning the expenditure of the \$200 million portion, Mr. Ney Landrum suggested the following: "To assure appropriate representation of all legitimate interests in the preparation of the environmentally endangered lands plan, it is envisioned that a standing inter-agency coordination and advisory body will be established at the invitation of the head of the Department of Natural Resources. This body will include one voting member, and perhaps one or more technical representatives, from each of at least the following state agencies:

Dept. of Natural Resources

Dept. of Administration,
Div. of State Planning

Dept. of Agriculture and Consumer
Services, Div. of Forestry

Dept. of Pollution Control

Game and Fresh Water Fish
Commission

Trustees of the Internal Improvement Trust Fund Again, a long-established pattern for such a body exists in the inter-agency Outdoor Recreation Advisory Committee."

Regarding management of the lands: "Title to all lands acquired with bond proceeds will automatically be vested in the Board of Trustees of the Internal Improvement Trust Fund. Continuing management responsibilities, however, will be decided by the head of the Department of Natural Resources, and indeed, will be envisioned as part of the process leading to the selection of the land for purchase. Management responsibilities will be formally established by an instrument (probably a long-term lease) issued by the Board of Trustees of the Internal Improvement Trust Fund to the managing agency selected by the head of the Department of Natural Resources. For outdoor recreation lands, the managing agency will most likely be the Division of Recreation and Parks; but for environmentally endangered lands, management responsibilities might be assigned to any one of several agencies such as the Game and Fresh Water Fish Commission or the Division of Forestry. In every case, management programs must conform to the principles and objectives of the environmentally endangered lands plan, or the outdoor recreation plan, whichever is applicable."

The Cabinet was warned against preparing a lands "shopping list" for several reasons:

- (a) Without proper criteria and standards, it would be impos-

sible to insure consistent quality or to set priorities;

- (b) preparation of a supposedly comprehensive list at the outset would tend to preclude consideration of exceptional projects which might come to light after the list was published;
- (c) publication of the "shopping list" would call attention to the lands desired before negotiations for purchase could even be initiated, and would definitely tend to stimulate speculation and escalate land prices."

How lands will be selected for purchase:

"... (b) The comprehensive plan to conserve and protect environmentally endangered lands, required by law, will be prepared in depth during the period between the referendum and the actual sale of the bonds, and will give full consideration to:

- (1) the elements of the Florida environment and their relative vulnerability to impairment;
- (2) the extent to which environmental impairment can best be prevented or controlled through acquisition of a suitable interest in land;
- (3) the priorities for acquisition of environmentally endangered lands, in terms of types of land, geographical area, and environmental protection purposes to be served."

Adapted — Florida Conservation Digest, Florida Audubon Society

KEEP AMERICA BEAUTIFUL, INC.

AWARDS PRESENTATION

New York, N. Y.

November 16, 1972

The Burger King Corp., Miami, Fla., received a 1972 Keep America Beautiful, Inc. Special Merit Award for its environmental program at a special luncheon held by the national public service organization.

John G. Hollingsworth, Group Vice President, Marketing, accepted the award, a framed certificate, from James C. Bowling, president of KAB.

Mr. Bowling cited the company for its "impressive record of ongoing litter-prevention and beautification efforts."

Individual stores support anti-litter, anti-pollution drives through media advertising; by staging cleanups in which they provide trash bags and free refreshments for participants; by setting up ecology booths at state and youth fairs and by offering free trash bags for litter collection. During 1972 one store purchased 2,700 trees and donated them for use in city parks.

Other corporation programs include distributing six million ecology book-covers containing pictures and descriptions of endangered wildlife with a plea for action to prevent extinction of these species, and providing incentives to young people who participate in cleanups.

Pepsi-Cola Co. and its General Bottlers, Purchase, N.Y. received a 1972 Special Merit Award for their environmental programs at a special luncheon held by the national public service organization.

Pepsi-Cola President Victor Bono-

mo accepted the award, a framed certificate, from James C. Bowling, president of KAB.

Mr. Bowling praised the company and its bottlers for their "outstanding participation in a wide variety of environmental programs."

Pepsi-Cola participated in Scouting Keep America Beautiful Day with a strong promotional program that included truckback posters carried by thousands of delivery trucks, window banner and displays announcing the events in supermarkets and groceries, more than 500,000 carton stuffers publicizing the event, a 60-second television announcement that was broadcast more than 2,000 times and six radio spot announcements.

In hundreds of communities across the nation, the company and its bottlers participated directly in Scouting KAB Day by donating more than 900,000 plastic litterbags, by lending trucks and equipment and by supplying refreshments for participants in the cleanup drive.

In cooperation with KAB, the company is launching the Eco-America Program for high school students in 1973. This program aims at encouraging students to form ecology clubs within their high schools and includes a film and a variety of "how to" materials. An awards program will honor the club developing the best projects in each state. An environmental seminar, attended by a student and faculty representative from the winning clubs in each state, will be held in a national park after the end of the school year.

The Norfolk and Western Railway Company, Roanoke, Va., received the 1972 Keep America Beautiful, Inc. Business Award for its environmental program at a special luncheon held by the national public service organization.

John P. Fishwick, President and Chief Executive Officer of the Railway accepted the award, an engraved sterling silver bowl, from William F. May, chairman of the board of directors of KAB.

Mr. May praised the railroad for its "initiative in meeting the problems of litter and pollution head-on and developing long-range solutions to cleaning up the environment."

Mr. May noted the essential role played by 18 unions working closely with the railway to assure the success of this massive effort, and he provided Mr. Fishwick with special certificates to be presented to these unions in recognition of their efforts.

The railway, which serves 14 states from its Virginia headquarters, set aside June 1, 1972 as Cleanup Day in which thousands of employees participated, including some on vacation and retirees.

Towns served by the railroad lent equipment for hauling away trash and allowed the use of local landfills. The railroad supplied trash bags, gondola cars for hauling trash and other equipment.

In addition to removing and disposing of thousands of tons of debris, ranging from paper, bottles and cans to abandoned furniture, automobiles and industrial scrap, Cleanup Day efforts included painting railway facilities, spreading gravel, pulling weeds and planting trees and shrubs.

As a result of the success of Cleanup Day, future railway budgets will include specific authorizations for litter-prevention activities as part of the overall environmental effort. In 1972, alone, the railroad will spend more than \$3 million for pollution control, including installation of oil-water separators and waste treatment facilities.

“Have You Thanked A Tree Today?”

By Reg Evory
Public Relations Director

“Have You Thanked a Tree Today?” is the intriguing theme that launched the Florida Forestry Association Annual Meeting recently in Tarpon Springs.

In an effort to dramatically demonstrate the many ways Trees contribute to purifying and protecting man's environment, the Association invited three of the nation's leading

authorities on Forest Ecology to address convention members and guests.

More than 250 concerned environmentalists, conservationists, educators, foresters and interested private citizens attended the three-hour session which featured presentations by Dr. Kenneth R. Knoerr, Professor of Forestry, Duke University (Trees and Air Purification); James E. Douglass,

Project Leader, Coweeta Hydrologic Laboratory, U. S. Forest Service (Trees and Water Conservation); and Dr. David I. Cook, Professor of Engineering Mechanics University of Nebraska (Trees and Noise Abatement).

Dr. Knoerr stressed the continuous oxygen conversion factors involved in photosynthesis by Trees and plants. Just one acre of healthy young trees, for instance, produces enough fresh, pure oxygen for 12 to 15 people every year. Florida has over 20 million acres of forested land. Knoerr also presented graphs documenting the values of Trees in shielding man from excess heat from the sun through a multitude of energy conversion factors, in addition to the obvious shade characteristics. Another key point outlined by Knoerr was that while buildings and homes in large cities actually store heat, Trees transfer some of this same type heat energy through an evaporation cooling process to make these dwellings more habitable at night. Knoerr recommended forested areas or "green belts" for large cities to make their microclimates more agreeable.

U.S. Forest Service Project Leader James E. Douglass startled some members of the audience by stating that studies at the Coweeta Lab in Franklin, North Carolina demonstrated that clear cutting of some forested areas may actually improve watershed conditions and does not necessarily increase dangers of flooding. "The clear cutting of forests is sort of a myth," Douglass said. "People think when you cut a forest you have desecrated the land, left it open for erosion and dried up the streams." Through proper scientific forest management, this is certainly no longer the case, especially throughout Florida. In discussing the major contributions of forests to water purification, storage and drought alleviation, Douglass stated that an acre foot of water—the amount needed to cover one acre of ground to a depth of one foot — represents 330,000 gallons, enough to supply the needs of seven persons for a year and is easily stored by forest lands. The Coweeta studies, stretching over three decades, have determined new timber cutting practices, tree crop plantings and forest conservation techniques to prevent

downstream flooding, erosion and runoff and provide better recharge to underground aquifers from rainfalls, according to Douglass.

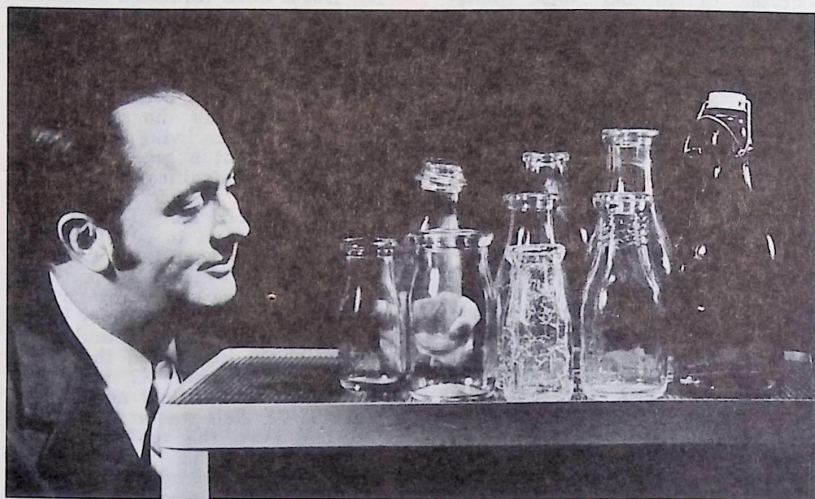
Dr. David Cook furnished dramatic evidence to the meeting participants that tree "belts" around heavy industrial areas and traffic congestion points considerably soften the harsh racket of a modern society. Cook's studies indicate that the decibel, or noise level, of urban living is doubling annually and that a green belt can cut into this rise significantly. "A five to eight decibel reduction is quite common in a good belt of trees," he said. Cook went on to say that the critical range for hearing outdoors is between 65 and 72 decibels. Anything above the 72 range begins to tear the nerves. Measuring along a noisy highway with a decibel meter and tape recorder, Cook determined the noise level without trees was 82, but measured through a tree belt and it was reduced to 73. This was at a distance of 25 feet from the roadway. Tree belts are also being recommended around airports and heavy industrial facilities to ease the noise as well as the nerves.

The two-day meeting was also marked by a major address from Florida Congressman Robert L. F. "Bob" Sikes, who received the Association's Distinguished Service Award for his contributions to forestry; and other presentations by Dr. John L. Gray, Director of the School of Forest Resources and Conservation at the University of Florida and by B. F. "Frank" Finison, Forest Supervisor for the National Forests in Florida.

New officers elected for the 1972-73 term are: President, L. C. Ringhaver, St. Augustine; First Vice President, Albert Ernest, Jr., Jacksonville; Second Vice President, James A. Edson, Jacksonville; and Secretary-Treasurer, John A. Beall, Tallahassee.

The Florida Forestry Association, headquartered in Tallahassee, is a non-profit, non-governmental organization of industries, businesses and individuals who encourage the promotion, development and protection of Florida's renewable forest resources, according to Executive Director Wm. Carroll Lamb.

"Milk Bottle Museum"



Jack P. Dodd, director of Dairy Division, Florida Department of Agriculture and Consumer Services, eyes small but growing collection of old glass milk bottles.

Tallahssee, Fla. (Special) — The glass milk bottle, it appears, already is a thing of the past; indeed, a collector's item. But to keep alive a bit of the past of the milk industry, Jack P. Dodd, director of the Dairy Division of the Florida Department of Agriculture and Consumer Services, is building a "milk bottle museum."

Actually, Dodd's collection is still quite small. Therefore, he is seeking donations of old bottles from people who may have them lying dusty in the attic or basement. Dodd's collection is in a glass display case in his Collins Building offices.

The glass milk bottle came in many shapes and sizes over the years since it was developed in 1884 by Dr. Hervey Thatcher, a druggist in Potsdam, N.Y. Dr. Thatcher was watching a delivery from a milk wagon in which the milk was carried in 10-quart cans. From these, the fresh milk was poured by the deliveryman into whatever container the homeowner had.

On this day, Dr. Thatcher was watching as a little girl was playing

with a dirty rag doll and dropped it by accident into the milk. The milkman fished out the doll and went on pouring milk. Dr. Thatcher realized this was highly unsanitary and got the idea for a glass milk bottle. His first bottles were made by an ink well maker and didn't work too well, but later designs caught on.

Many different types of bottles were manufactured, some with fancy engraving or decoration on them. Each different dairy was likely to have its own brand-name bottles. Bottles were cast in green, brown and blue glass as well as clear glass.

Some of the more colorful ones now can be found in antique shops with fairly steep price tags.

Glass bottles are going out of use in the dairy industry now because of the high cost of glass molding compared with plastic and cardboard cartons. Dodd said he hopes to build a collection that will be representative of bottles used by Florida's dairy industry over the many years bottles were used.

A Lovely Garden

Our home had a lovely garden watched over by my husband, who loved flowers, trees and birds. When we bought the land on an ocean dune, all our friends declared we would not be able to grow many flowers—but he proved this was not true. He grew many lovely southern flowers.

On the boulevard side of the dune the property dipped down some 15 or 20 feet and this was called hammock land. He and his sons cleared it all for it was wild as a jungle—and in later years made a Japanese garden of part of it. My husband built a greenhouse and grew orchids. Between the greenhouse, the steep hill and the Japanese garden were some lovely old scrub oak trees with long, long branches that travelled from here to yonder.

He was down there raking oak leaves one morning. The night before he had filled a bird feeder, we had,

full—for the beautiful birds loved our old trees and his sunflower seeds. While he was raking, the birds kept flying, back and forth in front of his face. They always did this when the feeder was empty. Now he could not understand why they were doing this. In fact he told me, he even said, "Go on, you silly birds, the feeder is full." But they did not go on.

Suddenly it dawned on him that they were really trying to tell him something. He looked up over his head and there was a real true coral snake right over him. He ran for his shovel, knocked the snake down from the tree and killed this deadly snake.

My husband believes the bird that was most persistent in warning him was a mockingbird. The birds never went hungry again for we were indeed very grateful.

SUBMITTED BY:

Mrs. H. R. Beyer, District VI

National Center for Voluntary Action Joins KAB National Advisory Council

New York — The strength of Keep America Beautiful's National Advisory Council increased to 100 members with the addition of the National Center for Voluntary Action.

KAB's board of directors, at its November meeting in New York, approved a proposal extending Council membership to the Washington-based body which provides an interface for volunteer groups at the national and local levels, as well as liaison between them and the federal government.

The National Advisory Council

consists of government agencies, and professional and public service organizations having a joint membership exceeding 70,000,000 persons. Its members provide KAB with expert guidance in its environmental improvement programming.

Besides the National Center, Advisory Council members include 27 professional associations, 18 federal agencies, 18 conservation and outdoor groups, 17 service and civic clubs, 13 youth groups and six women's organizations.

Keep America Beautiful, Inc.

Names Eastern Director

New York — Bruce E. Tibbo, Jr., a Pennsylvania ecologist, has been named Eastern Regional Director of Keep America Beautiful, Inc., with responsibility for coordinating environmental education activities in 11 states from Ohio to Maine.

In announcing the appointment, KAB Executive Vice President, Roger W. Powers, said Tibbo will be based in Boston. He succeeds James A. Mc-Lane, who recently returned to government service.

An assistant to the Allegheny County (Pa.) parks director, Tibbo has been active in Pittsburgh area environmental affairs since 1969 and co-

ordinated Earth Day activities there for the last two years.

Formerly associated with the Western Pennsylvania Conservancy, he is the primary founder and a member of the Board of Directors of the Allegheny County Environmental Coalition, a consortium of environmental and civic groups.

Earlier, Tibbo served on Florida newspaper staffs in editorial positions for the St. Petersburg Times and The Ledger in Lakeland.

Tibbo attended St. Petersburg (Fla.) Junior College and Florida State University where he majored in public relations.

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Litter Control

A litter control seminar will be held at Headquarters January 22, 1973, at 1:30 P.M. The State of Florida will be represented by: Mr. McNeely, Assistant Advisor of the Department of Transportation; and Mr. Richard Tillis, Director of Conservation Department of Education.

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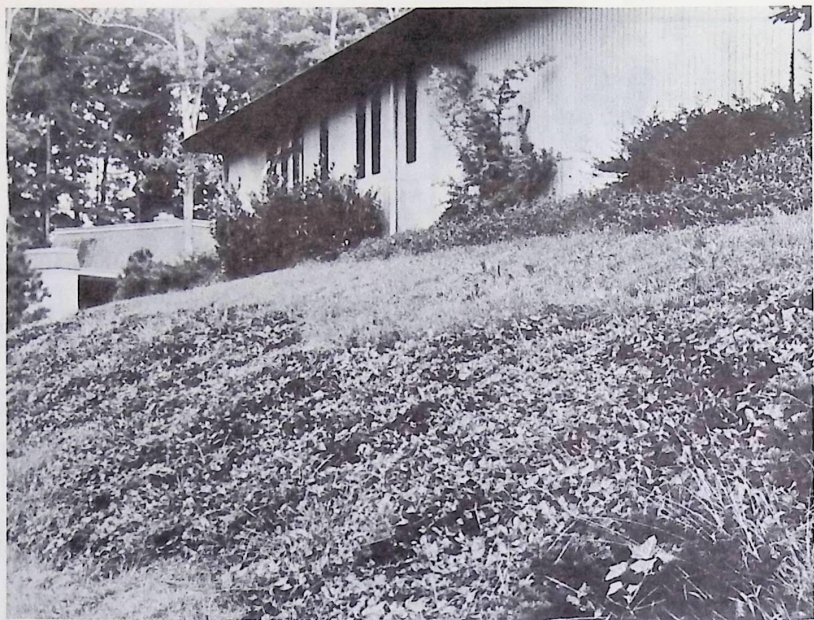
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The cost of removing the some 500 million tons of this eroded sediment that ends up in our channels, harbors and reservoirs runs upwards of another \$250 million a year.

Much of this destruction and cost could be avoided by the systematic planting of trees, shrubs and grass and other ground cover in our open areas and along our streams and rivers.

Growing plants not only hold the soil together, but they provide protection from wind and rain. Properly planted trees, for example, can reduce the eroding force of a 40-mile-an-hour wind by as much as 75 per cent. Foliage plants help break up raindrops as they fall, thereby softening their destructive impact on soil.

The American Association of Nurserymen reports that experiments are underway now to develop hardy varieties of plants and trees for mining regions and other desolate areas to help tie down the soil and enhance the natural beauty of such areas.

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