

the florida
gardener
March-April 1981



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the florida
gardener

Volume 29, Number 4

March-April, 1981

(ISSN 0426-5750)

THE COVER

The Giant Swallowtail Butterfly, one of the largest of the butterflies, often attains a wingspan of more than five inches. This outstanding beauty has a black upperwing that usually shows when the butterfly is flying, sometimes allowing it to go unnoticed. The showy yellow is the underwing and outer wing edges. Photographed by internationally known bird photographer Perry D. Slocum near Dundee, Florida, about 10 miles east of Winter Haven.

DEADLINES—for May/June 1981 issue—*Editorial*—March 15; *Advertising*—April 1; *Circulation*—April 1.

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Official Publication of the Florida Federation of Garden Clubs, Inc.
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Garden Path

*"And the Spring arose on the garden fair,
Like the Spirit of Love felt everywhere;
And each flower and herb on Earth's dark breast
Rose from the dreams of its wintry rest.
The snowdrop and then the violet,
Arose from the ground with warm rain wet;
And their breath was mixed with sweet odour sent
From the turf like the voice and the instrument."*

Shelley

Spring is in the air and our "gardens fair" beckon us out to see "each flower and herb on earth's dark breast" and the Spring is also the time when the pace quickens for garden club members. Spring flower shows are favorites everywhere and April 3-5 brings us the biggest Spring Flower Show of all, the STATE FLOWER SHOW, "Many Moons Over Florida". Review the exciting and imaginative artistic design schedule in the January-February FLORIDA GARDENER and the Horticulture and Youth Division outlines in the November-December issue, and if you aren't already involved plan NOW to participate. The State Flower Show brings the beauty of our state horticulture and the talents of our many fine floral arrangers together under one roof! FFGC has often won National Council's Award #11 for the best Flower Show in all of National Council. We have high hopes that "Many Moons Over Florida" will be announced the best of 1981 at the 1982 National Convention in Los Angeles. So be sure to come to the Florida State Fairgrounds in Tampa, April 3-5, to see "the greatest flower show in the whole USA"!

As we look down the garden path, we see the beauty of our Gainesville area in her Spring outfit, azaleas, dogwood and other flowering trees. The University of Florida and FFGC invites you to attend the annual Short Course, featuring design and horticulture programs by experts in their fields. By popular demand, our own Bob Thomas, noted international floral designer, will head the design section. See this issue of the Gardener for registration information.

Then follow the Spring North and West to Pensacola for our Annual Spring Symposium on April 14 and 15, at the Pensacola Garden Center. Mrs. E. T. Rieman, of Mississippi will present a program on that popular subject—herbs. Mrs. J. Elmer Weaver, National Council Chairman, will speak on Flower Show Practice, Mrs. C. T. Payne of Mississippi will present "Eclectic Design—Emphasis on features and background lighting" and Mrs. George Jones will instruct on bromeliads and herbs. Truly an exciting and information-filled program has been planned for the 1981 Spring Symposium! See page 19, January-February, THE FLORIDA GARDENER, for registration information.

We brought you news of two Landscape Design Schools at the end of April. We hope to see many of you in Winter Park or Jacksonville! The gardens at our State Headquarters and the Jacksonville Garden Center will also be bursting forth in their Spring glory!

Soon we will be traveling to our Regional and National Conventions and then our own State Convention on May 7 and 8 at the Carillon Hotel on beautiful Miami Beach. At these conventions, we will see the passing of the torch from this administration to the next. On April 23, we will install the President of National Council for 1981-83, Mrs. Francis A. Fink of Ohio, Mrs. Glen L. Millar, Tennessee, the Regional Director, then on May 8th our own President, Mrs. E. R. Jordon of Miami. As we think of these orderly transitions, we think of the many elections and installations that will take place in our 1025 clubs and circles. Will the torch be passed easily from one to the other, so the flame of our expectations and achievements will continue to glow brightly? As we traveled our Districts last fall we spoke to you on the responsibility for leadership within our clubs and districts. We know you will accept the challenge and the office offered by your nomi-



Fifty men and women, including teachers, high school students and garden club members attended an Environmental Education Workshop Nov. 12-15, sponsored by Districts VIII and IX, at the Environmental Education Center, Withlacoochee State Forest, Brooksville. Shown here are, from left, FFGC President Ella Wood; FFGC 2nd Vice Pres. Hazel Simmons, Past President and Workshop Chairman Jean Villareal; Mrs. George Patterson, Environmental Education Chairman for National Council; Jim Phillips, Dept. of Education, Tallahassee, Marion Hilliard, SEEK '81 Registrar; Polly Connell, SEEK '80 Chm; Eloise Stephens, FFGC Environmental Education Chm.

nating committees. Serving as an officer of your club, and especially as President, is the highest honor your club can bestow. It is also a wonderful, satisfying feeling to know you are serving your club in this very essential way. We hope that clubs will send both the outgoing and incoming president to our State Convention. Both will reap a full "Harvest of Rewards" from attending and communicating with others on the happenings of our garden club world. One last reminder about our convention . . . be sure to use **official delegate cards** received with your Call to Convention for your delegates to Convention.

As we were completing our message to you, we received word from Governor Bob Graham's office that June 17 through 23 has been proclaimed "Garden Week". He urges "all citizens to aid those who endeavor to maintain and preserve our land of plenty." We are grateful for Gov. Graham's appreciation of the contributions of garden club members to the "economic growth, environmental quality and pleasing appearance of our State", and thank him for his proclamation. Our next **task** is to continue petitions and letters to our Congressmen, asking that they declare the first week in June "National Garden Week."

We will be looking forward to seeing you in Miami Beach. We hope we will see many of you at the "I Got One" reception honoring all members who have recruited new members for their garden clubs during the last year. Membership growth is essential for the health of our organization.

Ella Wood

A Garden for All Seasons

COME TO MIAMI BEACH

Mrs. Wilbur A. Stone, Chm.
Mrs. Urban L. Kokenge, Co-chm.

Carillon Hotel, Miami Beach
May 7-8, 1981

Hostess: District XII

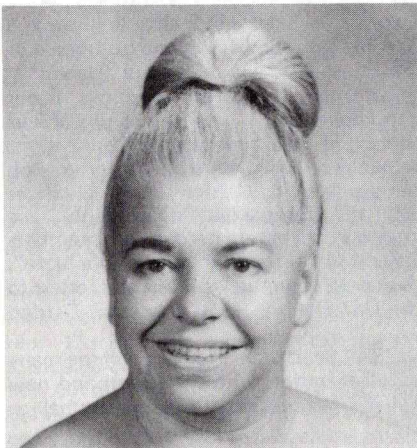
District XII is pleased to play host to the 1981 Convention of the Florida Federation of Garden Clubs, Inc. We've heard that President Ella Wood has a full agenda, with reports from chairmen that will be of great interest, stimulating speakers from around the country, and Forums on gardening and design.

It is our aim and desire to make this the best convention ever! And why not? Miami Beach is still the sun-kissed playground of the South, with marvelous hotel accommodations, wide, sparkling, sandy beaches that beckon you to walk along, collect shells, absorb the brilliant sunshine.

All of us want all of you to join us at Convention for a few days of learning, relaxation and catching up with friends from around the State. Play the part of tourist while we pamper you with fun and excitement and delicious food served by the Carillon Hotel. Swim in our clear, blue Atlantic surf or just loll by the pool.

Why not bring your family and friends along, or have them join you after Convention to spend a few days? The Carillon management has extended their special rates through the weekend so it is an opportunity to combine Convention with vacation.

South Florida is at its loveliest in May. Flowers bloom profusely, foliage plants are at their prime and the winter crowds have gone home. We can arrange sightseeing tours to some of our loveliest gardens and museums and plan golf and tennis for the men. Just let us know what your pleasure is and allow us to prove that we really know the meaning of Southern Hospitality.



MRS. JEFFERSON P. HILL
Director District XII

An Invitation to all FFGC Members

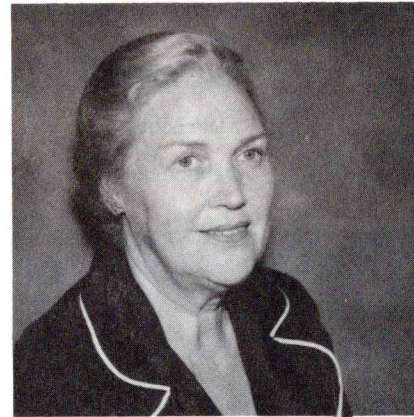
District XII of the Florida Federation of Garden Clubs, Inc., invites you to Miami for the 1981 Convention, to be held at the Carillon Hotel, Miami Beach.

Miami Beach is unique unto itself with all the great beauty and glamour. It does not reflect the problems of Greater Miami.

We look forward to your having a lot of fun at "A Garden for all Seasons."

Louise Hill
(Mrs. Jefferson P. Hill, Sr.)
Director, Dist. XII FFGC

THE FLORIDA GARDENER



MRS. WILBUR A. STONE
Convention Chairman



MRS. URBAN KOKENGE
Convention Co-Chm.

Wednesday, May 6, 1981:

9:00 A.M.—4:30 P.M.	Registration	Main Lobby
8:30 A.M.	Judges Registration	Banyan West
9:30 A.M.	Judges Annual Meeting	Banyan East
12:00 noon	Judges Luncheon and Program	Delmonico East
2:00 P.M.	District Directors Meeting	Hibiscus Room F
3:00 P.M.	FFGC Board of Directors Meeting	Cypress Room
4:30 P.M.	Landscape Design Critics Meeting	Hibiscus Room C & D
7:00 P.M.	FFGC Board of Directors Dinner By Invitation	Banyan Room

'T WAS THE NIGHT BEFORE CONVENTION

Don't dare come late to Convention '81 or you will miss the exciting Early Arrivals Program presented by the Miami Chapter of Floralia Arrangers Club of Florida. We've been in on the planning and can assure you it is a Sound and Light extravaganza done in the manner that this talented group loves and does so well.

We give you fair warning! Be on hand the evening of May 6 in the Royal Palm Room of the Carillon Hotel at 9:00 P.M. for SUPER ENTERTAINMENT.

9:00 P.M.	Program for Early Arrivals "The Design Garden" with sound and light. Presented by Floralia Arrangers Club of Florida, Miami Chapter #4	Royal Palm Room
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Thursday, May 7, 1981:

7:00 A.M.—6:00 P.M.	Registration	Main Lobby
7:30 A.M.	Breakfast: "The Spring Garden" Speaker: FFGC finalist—National Council Speech Contest for High School students Youth Awards Parade of school banners	Delmonico Room
9:30 A.M.	FORMAL OPENING of 55th Annual Convention	Royal Palm Room
11:30 A.M.	POLLS OPEN	

MARCH/APRIL 1981

12:30 P.M.	Luncheon: "The Arranger's Garden" Speaker: Kenn Stephens (Floral Design) Awards	Delmonico Room
2:30 P.M.	Business Session—continued	Royal Palm Room
6:00 P.M.	POLLS CLOSE	
6:00-7:00 P.M.	Cocktail Party By invitation	Main Lobby
7:00 P.M.	Banquet: "The Blue Ribbon Garden" Awards	Delmonico Room

KENN STEPHENS, talented designer, with experience throughout the United States and abroad, has received acclaim for the excellence of his presentation in all stylistic forms of flower arrangement. Executive Director of the Worcester County Horticultural Society in Massachusetts, Kenn serves on National Council as International Exhibition Chairman, and was chairman and the guiding force behind Exhibition 50—National Council's fantastic birthday celebration in Washington last year. Presently he is General Chairman of the upcoming International Design Symposium and Flower Show to be held in Peru in October, 1981.

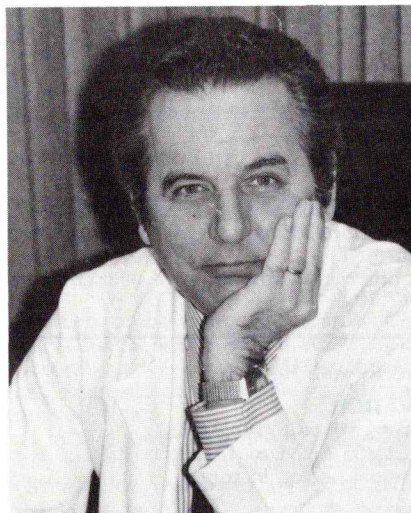
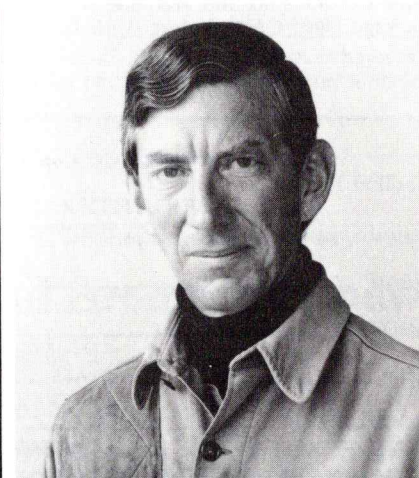


Friday, May 8, 1981:

7:00 A.M.-4:00 P.M.	Registration	Main Lobby
7:30 A.M.	Breakfast: "The Native Garden" Speaker: Dr. J. E. Dunlap (Wildflowers)	Delmonico Room
8:30 A.M.	POLLS OPEN	
9:30 A.M.	POLLS CLOSE	
9:30 A.M.	Business Session—continued	Royal Palm Room
12:30 P.M.	Luncheon "The Forever Garden" Speaker: Nathaniel P. Reed (The Barrier Islands) State Life Memberships National Life Memberships	Delmonico Room
3:00-3:50 P.M. and 4:10-5:00 P.M.	Forums—Each forum will be presented twice	
	"Highway Gardens for all Seasons" Co-Chm.: Mrs. Page S. Jackson— Roadside Development Mrs. Everett F. Davis— Native Plants	Banyan East
	"Tables for all Seasons" Chm.: Mrs. Dursie Ekman	Royal Palm Room
	"Vegetable Gardens for all Seasons" Co-Chm.: Mrs. William D. Howze— Horticulture Mrs. Jess Elliott—Food Gardens Mrs. Robert P. Meier— Organic Gardens	Cypress Room

6:00 P.M.	"I Got One" Reception Button-holders only	Presidential Suite
7:00 P.M.	Banquet "The Tomorrow Garden" Speaker: Mrs. Francis Fink, President National Council Reception honoring Mrs. Edward R. Jordan and incoming Officers and Directors	Delmonico Room Royal Palm Room
Saturday, May 9, 1981:		
9:00 A.M.	Board of Directors Meeting	Cypress Room

DR. JOE E. DUNLAP says of himself that he is "husband, daddy, consumer, spectator, author, lecturer, photographer and dentist." The author of numerous articles and two books for his profession, he has lectured to dental audiences throughout the country, mostly on the subject of occupational stress. Several years ago he developed an interest in wildflowers, with the result that he's become something of a regional expert on the subject and performs now as Nature Photographer and Lecturer for the pure fun of it.



NATHANIEL P. REED'S active concern with environmental matters steered him into public life and eventually led to his serving three Florida governors in positions of successively greater responsibility. He became deeply involved in problems of the Everglades National Park, the estuaries and other interrelated systems and finally in the whole problem of water control, including its distribution and pollution. His role as an interactor between State and Federal authorities was a vital factor in two nationally significant reversals of environmental deterioration—the Miami Jetport and the Cross Florida Barge Canal. In 1971 he was appointed by President Nixon as Assistant Secretary of the Dept. of the Interior for Fish and Wildlife and Parks, a position held until 1977, when he retired and returned to Florida.

Registration Desk in Lobby, open prior to all activities.

DEADLINE FOR DELEGATES' REGISTRATION: April 20, 1981

All registrants: No refund after April 25, 1981

Delegates and Alternates must register only on **special blue forms** sent directly to Club Presidents.

MARCH/APRIL 1981

Schedule of Fees for Members and Visitors:

Registration \$8.50
May 7, 1981
 Breakfast "The Spring Garden" 8.00
 Luncheon "The Arranger's Garden" 11.00
 Banquet "The Blue Ribbon Garden" 17.00
May 8, 1981
 Breakfast "The Native Garden" 8.00
 Luncheon "The Forever Garden" 11.00
 Banquet "The Tomorrow Garden" 17.00
No charge for Forums
 Total (includes tax and gratuities for meals only) 80.50
Package Plan: On or before April 22 78.50
 Reserved seating for all meals. Tables of 10. Reservations of those wishing to be seated together **must** be sent in the same envelope.

55th FFGC Convention—May 7-8, 1981

Carillon Hotel Miami Beach
 FLORIDA FEDERATION OF GARDEN CLUBS
REGISTRATION BLANK

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

CLUB/CIRCLE _____

Delegates, Alternates: Do not use this form

Please check items being paid for: registration (\$8.50) _____

May 7: Breakfast (\$8) _____ Luncheon (\$11) _____ Banquet (\$17) _____

May 8: Breakfast (\$8) _____ Luncheon (\$11) _____ Banquet (\$17) _____

Package Plan (\$78.50) _____

FFGC Life Member _____

Make checks payable: FFGC, Inc. 1981 Convention

Mail coupon with check to: Mrs. W. F. Snyder, 5007 N. Bay Rd., Miami Beach, FL 33140.

Hotel Reservations are to be made directly with the hotel, using form in the January issue of *The Florida Gardener*, or coupon in this issue.

NOTE: Reservations must be accompanied by one night's room charge or credit card guarantee.

Make Reservations Directly with Hotel

HOTEL RESERVATION

Carillon Hotel—6801 Collins Ave., Miami Beach 33141

FLORIDA FEDERATION OF GARDEN CLUBS ANNUAL CONVENTION

Rooms: \$35 single; \$40 double; \$12 each additional person in room

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

Arrival Date _____ Time _____ AM
 PM Departure Date _____

Registration Blank
FLORIDA COUNCIL OF FLOWER SHOW JUDGES
ANNUAL MEETING

May 6, 1981—9:30 A.M. Carillon Hotel, Miami Beach
 Price for Registration and Luncheon, plus Program—\$12.50
Make checks payable to: District XII Council FCFSJ

Mail to: Mrs. Roger Beattie, Registration Chr.
 8250 S.W. 115th St.
 Miami, Florida 33156

NAME and ADDRESS	DISTRICT	STUDENT, ACCR. LIFE, MASTER

Florida International Bromeliad Show and Sales

Commercial Sales
 Society Sales
May 8-9-10, 1981

Quality Inn

Cypress Gardens

Venice Area Club Contributes Toward Arboretum

By Priscilla E. Gatchell

On May 27, 1980, at a meeting of the Venice City Council, Mrs. Kenneth R. Garvick, President of the Venice Area Garden Club, presented the Mayor and the City of Venice with a check for \$1,500 for the planting of trees in an Arboretum in one of the city parks. According to Mrs. Frances T. France, past president of the club and member of the Parks and Recreation Advisory Board, the garden club's interest in this project dated back several years.

In 1976 the establishment of an Arboretum in this park was first suggested and a plan for the project, designating the locations of trees and paths was drawn. The Venice Area Garden Club, wishing to contribute to this project, gave name labels for all the trees then existing. Due to lack of irrigation and poor soil, few of the trees planted at that time survived.

In 1980 the city installed an irrigation system and sodded the entire area. As a result of the gift to the city by the Venice club the Arboretum is now becoming a reality. Several trees have been planted, with many more to come. The name labels, showing the botanical and common names, are being mounted on standards, to be placed as the trees are planted. Among the trees already planted are Tree of Gold, Hong Kong Orchid, Yellow Jacaranda (*Peltophorum*), Chinese Elm, Royal Poinciana, Weeping Podocarpus, Florida Mahogany and Camphor Tree.

STATE FLOWER SHOW

"Many Moons Over Florida"

April 3-5, 1981

Florida State Fairgrounds, Tampa

Florida Living Center

Design Division Rules

- 1—Registration will be in advance with the Section Consultants before March 15, 1981. After this date register with Design Entry Chairman: Mrs. Hobart E. Brown, Box 56-121, Harbor Dr., Ozona, FL 33560 (Phone 813-784-1159). Cards confirming registration will be sent to exhibitor and should be brought with exhibits and checked with entries committee at entry to Florida Living Center.
- 2—Exhibits may be placed from 2 to 8 P.M. April 2 and from 7 to 9:30 A.M. on April 3. Classification committee members will be stationed in each area to check finished exhibits before the exhibitor leaves the area.
- 3—Designs must be the work of the exhibitor, but may be placed with the exhibitor's permission by another person. If unable to exhibit on date of show, exhibitor must provide a substitute.
- 4—THE USE OF FRESH PLANT MATERIAL IS ENCOURAGED THROUGHOUT THE SHOW. All designs must contain some plant material. Design form or composition will be at the discretion of the exhibitor. NO artificial flowers, fruit or foliage may be used, and coloring of fresh plant material is not allowed.
- 5—A minimum of treated dried plant material (glycerinized, painted or altered by any method) may be used in specified classes.
- 6—Background materials may be used except where furnished by the show or otherwise restricted, and bases and accessories may be used in all classes. Contrived flowers or plant forms of recognizable plant material, fresh and/or dried and/or treated, may be used if they conform to other class specifications.
- 7—Tops of cubes and pedestals may be covered with material, not to exceed the top area. All designs staged 42" from floor unless otherwise specified.
- 8—Plant materials used must be listed on an unlined 3x5 white card. A brief explanation may be given on card. Typing requested when possible.
- 9—Design classes will consist of four entries each. Exhibitors are limited to one entry in a class, but may enter as many classes as desired.
- 10—No flat silver may be used in Table classes.
- 11—Judges will write comments for all entries except blue ribbon winners.
- 12—THE FLORIDA FLOWER ARRANGEMENT CALENDAR COMMITTEE WILL SELECT DESIGNS TO BE PHOTOGRAPHED AT THE SHOW.

STATE FLOWER SHOW SCALES OF POINTS

SCALE A:

Conformance	10
Design	35
Color Harmony	20
Distinction	15
Expression	20
	<hr/>
	100

SCALE B:

Conformance	10
Design	30
Color Harmony	20
Distinction	20
Expression	20
	<hr/>
	100

SCALE C:

Conformance	10
Design	25
Color	15
Distinction	15
Creativity	20
Expression	15
	<hr/>
	100

SCALE D:

Design	35
Effective use of light	20
Personal Expression	15
Artistic Distinction	15
Spatial Relationship	15
	<hr/>
	100

SCALE E:

Movement (real or implied)	20
Design	30
Color Harmony	15
Distinction	15
Expression	20
	<hr/>
	100

SCALE F:

Functionalism	15
Decorative Unit	20
Design	15
Color and Textural Harmony	20
Distinction	15
Expression	15
	<hr/>
	100

SCALE G:

Conformance	10
Design	25
Color and Textural Harmony	20
Distinction	15
Expression	15
Creativity	15
	<hr/>
	100

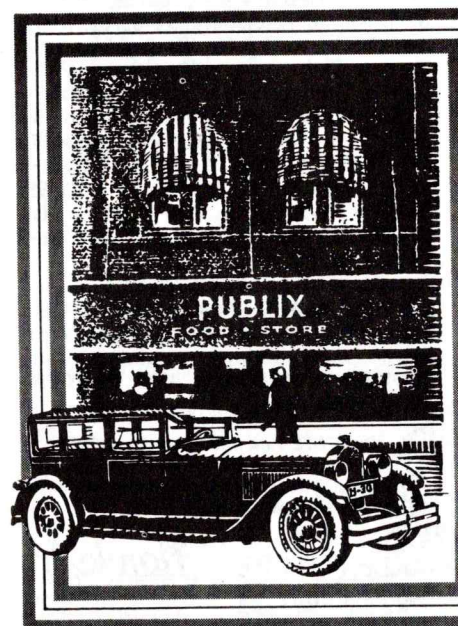
SCALE H:

Scale	35
Design (all other principles)	25
Color Harmony	10
Distinction	15
Expression	15
	<hr/>
	100

SCALE I:

Technique	20
Design for placement	30
Color	10
Suitable Combination of Materials	20
Distinction	20
	<hr/>
	100

See inside back cover for map to Flower Show.



**IT'S PUBLIX
50TH ANNIVERSARY
YEAR.
THANK YOU!**

Thank you, Florida, for growing along with us since 1930. It's been a pleasure serving you.



where shopping is a pleasure

New APCI Propagation House

By Mrs. Nelson H. Thorn
Penal Garden Therapy Chm.

One of the highlights of the 20th birthday celebration of Penal Garden Therapy occurred on Nov. 13, 1980 with the dedication of a new propagation house at Avon Park Correctional Institute, donated by the Jasmine Garden Club of Ft. Myers (Dist. IX). This chairman had the privilege of dedicating the new building, and with the dedication had a feeling of renewal of the conviction of the Florida Federation of Garden Clubs and those "Ladies with the Little Green Thumbs" that working with plants can be marvelous therapy!

The work that has been done by the garden clubs in District IX at APCI is one of the achievements that gives all of us in garden clubs cause to celebrate. Penal Garden Therapy, or Prisoner Rehabilitation, as it was originally called, is one of the most heart-warming programs the FFGC sponsors. It not only is a plant therapy program for those participating in it, but is a strong vocational program, preparing the prisoners for careers after leaving the institute.

The first greenhouse was built by FFGC at Raiford in May, 1960. It was soon followed by the greenhouse at APCI in 1963. From then on the garden clubs in the area have been very dedicated and faithful in heeding the needs of Avon Park and Garden Therapy.

This wonderful project of building a propagation house was conceived in 1973 by the Jasmine Garden Club of Ft. Myers. As I am told, Frances Houghton, Club Project Chairman, was introduced to APCI by Berne Davis, then President of FFGC. Mrs. Houghton met and talked with Mr. Williams, saw the needs and proposed the project—one that had substance to it, and one that could be carried on over a period of time.

The club raised money through many projects. One interesting provision which was improvised in 1978 was when each club member was asked to propagate and grow ten plants for a plant sale. Members were encouraged to visit APCI to become personally acquainted with the project and get involved.

The men in the program have been enthusiastic from the beginning. In

appreciation of the garden therapy work carried on at APCI some of the men wrote the heart-stirring song for garden club members—"Ladies with the little Green Thumbs."

Marion Institution

Marion Correctional Institution at Lowell, Florida has recently been added to the list of Florida Penal Institutions included in FFGC's Penal Therapy Program. Marion's program is already well underway with the help of an instructor from the Central Florida Jr. College at Ocala. A course of study is well outlined and a State Certificate, authorized by the Florida Dept. of Education is issued to each man upon completion of the course. There are about 20 men in the course at present.

Contributions

Contributions to the Penal Garden Therapy Program are very slow coming in this year. As of Dec. 31, 1980, the total contributions for the year were \$961.20. Clubs are urged to send contributions to chairman: Mrs. Nelson Thorn, 3801 Shore Acres Blvd. NE, St. Petersburg, FL 33703. Make out checks to the Florida Federation of Garden Clubs, Inc., designate for Penal Garden Therapy, and send to Mrs. Thorn.

Contributions broken down by Districts are as follows: **Dist. I—\$34.80; Dist. II—\$26.10; Dist. III—\$27.90; Dist. IV—\$216.05; Dist. V—\$34.80; Dist. VI—\$120.65; Dist. VII—\$63.10; Dist. VIII—\$278.15; Dist. IX—\$49.70; Dist. X—\$106.05; Dist. XI—\$3.90; Dist. XII—0.**

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ORLANDO, FL 32859
THE FLORIDA GARDENER

DISTRICT XII DEDICATES SANCTUARY

On January 17, 1981, District XII, at the time of the dedication of the Lou Henry Hoover Memorial Sanctuary in Miami, issued the following proclamation:

District XII of the Florida Federation of Garden Clubs has as its project for the years 1979-81, the preservation of native plants and wildflowers on the property and site of the Girl Scout Service Center, otherwise known as the Lou Henry Hoover Memorial Sanctuary.

In cooperation with the Girl Scouts Council of Tropical Florida, sixty Garden Clubs of District XII have in their own way contributed to this project.

The landscaping will enhance the natural beauty of the area for years to come, and also provide enjoyment for Girl Scouts and others as well as an opportunity to observe and study the wildflowers and native plants unique to this area. The west border of the Sanctuary, which runs parallel to the Sunshine State Parkway, has been seeded with the wildflowers of the area.

We dedicate with profound respect and reverence, this project to the memory and honor of those whose vision and generosity have contributed this garden as a legacy for those living today and for those who will come after us.

In honor of those that specifically gave their talent, love and consideration:

In Memory: Bergene Graf by Cliff Graf; Louise Lupold by Louise Hill; Urban Kokenge by Louise Hill; Brenda Green by Scouting Friends and Family; Deceased Members of Landscape Garden Club; Eloise Sniffen, Velma Gwinn and Helen Bullock by District XII.

In Honor: of Libby Putnam, Roger Hammer, Joyce Gann, Monica Beattie, Bob Harris, Estelle Pullias, Louise Todaro, Esther Baitinger and Fran Reid by District XII; Louise Hill by Jeff Hill; Mrs. Ernie Seiler by Miami Garden Club; Coral Pines Garden Club members; Miami Beach Garden Club by members and Dig & Dream members by Dig & Dream Club.



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It's time to escape back to nature in one of John Wood's totally planned environmental communities. Cypresswood features executive single family residences and expansive patio homes surrounded by a Championship Golf Course.

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Rates: \$1.25 per 40 character line. Minimum ad: 5 lines at \$6.25. For further information, contact: Mrs. Crowell Dawkins, 4705 Clear Ave., Tampa, FL 33609.

TOPIARY FRAMES, charming animal shapes; ideal for gifts; discount available to clubs. Consider topiary for your fund raising activities. Write for price list, **Topiary, Inc., 41 Bering, Tampa, FL 33606.**



A block of four stamps has been submitted to the United States Postal Service for approval as a commemorative issue honoring National Council of State Garden Clubs. The stamps were designed by Gene Bauer, Naturalist Chm. of National Council.

COMMEMORATIVE STAMP PROGRAM

The efforts of National Council to obtain the issuance of a stamp honoring the organization continues with vigor. A block of four stamps designed by Mrs. Dale Bauer, National Council Naturalist, was submitted to the United States Postal Service in November 1979. The initial request was rejected but often such requests must be submitted over and over since it sometimes takes four to six years to achieve results.

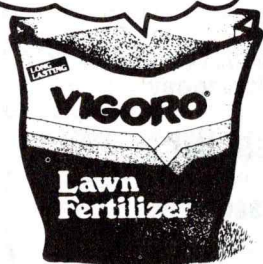
A brief summary of National Council objectives was included with the designs and their interpretation. Mrs. Bauer explains—"These four stamps are symbolic of four areas of current interest and participation by National Council. The tulip, an exotic Spring-flowering bulb, represents World Gardening. The Maple, a large genus of plants with many species indigenous to the United States, represents Environmental Education. The daffodil, another Spring-flowering bulb including more than 10,000 named cultivars, represents Horticulture. Corn, the indigenous American vegetable, represents Food Gardening.

Garden club members are asked to support this project by writing letters to the committee urging the issuance of a commemorative stamp which pays tribute to National Council of State Garden Clubs. For now, please write to these two people:

Mr. Dickey B. Rustin, Philatelic Programs Specialist, Stamp Division, U.S. Postal Service, 475 L'Enfant Plaza SW, Washington, D.C. 20260; and Mr. Jack Williams, Chairman, Citizen's Stamp Advisory Committee, U.S. Postal Service, Washington, D.C.

MARCH/APRIL 1981

LET'S HEAR IT
FOR GREEN!



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Estech General Chemical Corp., Winter Haven, FL 33880

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- Keeps greening for three full months.

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FLORIDA NATIVE PLANT SOCIETY
April 24-25 Conference
Rollins College, Winter Park
Featured Speakers on native plants, wild areas, endangered species.
Workshops on setting up a native plant nursery, landscape design, control of exotics, edible wild plants, managing wild areas, benefit for developers and more!
 \$15 for FNPS members; \$20 for non-members if paid before April 15. \$5 additional for later registration.
Contact: Florida Native Plant Society; 935 Orange Ave.; Winter Park, FL 32789; Attn: Mrs. Earl M. Pratt, 305/644-5377.

STATE FLOWER SHOW TICKETS
PLEASE, all Presidents receiving tickets to the State Flower Show in their Presidents Kits last fall—please either pay for the tickets or return them immediately, so the Flower Show Committee may know how they stand financially. *Send to Show Chairman:* Mrs. Stanley Rodby, 4514 Henderson Blvd., Tampa, FL 33609.

IMPROVED CULTIVAR EXCHANGE
 Come to Convention and bring an improved cultivar to exchange with someone else . . . you bring one, you get one in exchange.
 An improved cultivar (a better hybrid made in cultivation) is easy to find. In many plant families such as African Violets, orchids, and roses there has been such extensive hybridizing that it is easier to find a hybrid than a species.
 Bring your plant to the exhibition room at the convention. They will be displayed there during most of the convention, so mark your plant with its botanical name and any culture information that might be useful.

BONSAI GUIDELINES
 Mrs. Constance Derderian, Honorary Curator of the Bonsai Collection of the Arnold Arboretum of Harvard College set down a number of common sense guidelines during her excellent program on Bonsai at Tropical Short Course.
 All Bonsai containers have feet. All Bonsai containers have a drainage hole. The feet allows the air to go up through the plant, the hole lets the water drain down through the plant. **All** Bonsai need these two container features. Brown or dark colored pots are for sturdy masculine material; white pots are for more dainty slender feminine plant material.

POINSETTIA CUTTINGS
 When poinsettias are pruned toward the end of March or first of April, root cuttings can easily be made by inserting hardwood cuttings of 6 to 12 inches three-quarters of the way into the soil and pressing the soil firmly around the base. Keep soil moist; mulch around the cutting will help maintain proper temperature and moisture.

COMPOST
 An instant compost heap can be made by purchasing about nine feet of sturdy wire fencing (heavier than chicken wire) at the hardware store and setting it on the ground in any obscure spot you may choose. It takes only about three square feet of room, and automatically assumes a round shape. Hook cut wire ends together with the pliers and you're ready to go. Alternate layers of leaves and grass cuttings with soil and a commercial compost maker (available at any garden store). Keep moist and turn when the spirit moves you (fairly regularly we would hope!).

WILDFLOWER WORKSHOP
On March 25th, 1981, The Arlington Garden Club of Daytona and Ormond Beach will sponsor a Wildflower Workshop for all District VI clubs. All District members are invited to participate.
 In November the club held its annual auction and bazaar. One of the most popular items was a beautiful wildflower quilt. It was designed by Mrs. Quentin Hampton and put together by Arlington members. Sealed bids were accepted from November through December, when it was awarded to the highest bidder.

SPRING PRUNING
 With all the cold winter weather Florida has experienced this winter it will be a temptation to clean up the mess when the first warm day rolls around. Hold off until well into March, though, as the first new growth encouraged by premature pruning will be easy prey for that last cold snap that always seems to catch us unaware.

1982



"SELL OUT WAREHOUSE"
 1982
 FFGC FLOWER
 ARRANGEMENT CALENDAR
 ORDER NOW

1982

IN THE PINK
 To make geraniums bloom indoors, water every three weeks with this brew: 1 tablespoon Epsom Salts; 1½ tablespoons baking soda; 1 ounce ammonia; mixed thoroughly with 1 gallon of water . . . and watch them glow!
 from *South Carolina Gardner*

ENCHANTED GARDEN CORNER
 by *Kathy Sample*
Plant Distribution Chm.
 "Velma Gwinn Wildflower Hill" was dedicated January 6th. More than 284 varieties of Florida natives are growing there!
 Watch out for the **BULLDOZER**; get permission to send a "Plant Rescue Mission" to dig some of the more unusual flora. Dig a sturdy divot of soil with each plant. Since natural habitats are being gobbled up by urban sprawl, we must do something **OURSELVES!** Create a natural landscape on your own home grounds! You will have the time of your life!!

Color in the Landscape

By Robert H. Rucker
Landscape Design Chm.,
Nat'l Council

"The landscape architect must always deal with the question of color in his designs. He makes decorative arrangements of the brilliant color masses of his flowers with the different colors of his walks and walls and structures of painted wood, and he uses both the orange and crimson and purple of deciduous trees in the fall and subtler variations of color of summer foliage. Even in its summer guise the harmony of foliage color is worthy of the designer's best attention. He finds himself committed to a study in greens, but within the limits of this color the possible variations in intensity, in value, and in the admixture of other hues give him ample ability of differentiation of the various parts of his design, either in a scene where the foliage is merely a pleasantly varied enframement of the brilliant color of the flowers, or where in a landscape of all foliage and sky, the delicate distinctions of grayer and browner tones of green may tell for themselves at their full worth." ("An Introduction to the study of Landscape Design" by Hubbard and Kimball).

It has been said that 80% of all that we learn comes through our sense of sight. "Color, like sound, is subjective; its existence depends upon the sensory apparatus of humans and animals. It is the name given to a sensation produced by excitation of the eye by visible radiant energy or light of a particular wave length. Without the eye, color, properly speaking, would not exist." ("The Art of Color and Design", by Graves.)

When light rays are reflected to the eye various colors are perceived depending on their wave length. Red is at one end and has the longest wave length and violet at the other extreme has the shortest wave length. Reflection and/or absorption of wave lengths (rays) produce various colors. An object reflecting all rays appears white whereas an object absorbing all rays appears black. By this phenomena we have color variations from the various and sundry objects in the landscape. Color becomes the most compelling aspect of design due to visual weight

to the beholder. The use of color should be very deliberate and restrained, as color must be of a lasting quality to provide stability in a design.

Color in the landscape is obtained by two basic materials—architectural materials and plant materials.

Color In Man-Made Material

Architectural materials through primary and secondary structures, garden accessories and surfacing may introduce color into the landscape. Colors from these sources are definitely man-made, may have an artificial appearance and be static in concept. The perfection of the details of design with these materials will greatly enhance the value of their use. Through these material structures it is possible to introduce color in full value; however, it is not considered in good taste. Full value of color has a disturbing effect on many people, therefore it is more challenging in application. Full value of a color is seldom if ever used, and if used, in small amounts and for accent only. Contemporary trends in design indicate a much bolder concept in the use of pure colors. Through contemporary materials it becomes more of a temptation to use more and more color.

One such trend is the use of various colors of non-vegetative ground cover materials. There is a wide range of crushed aggregates in various textures and colors. This trend also introduces color in large boulders and stones. Pergolas, fences, screens, baffles, benches, walks and garden ornaments are used to introduce color into the landscape. In modern amusement parks we even find people costumed to add color to an area for a specific function and sometimes this source of color can be very unfortunate. Through clever and restrained use of architectural materials color may be introduced as an element of unity and/or continuity to a design. Unfortunately, due to size of architectural structures in certain landscapes, the amount of color may be easily

Continued on page 29

Flower Show Calendar

Mrs. Joe C. Robinson, Flower Shows Chm.
11080 Seventh St. East, Treasure Island, FL 33706
(Please register your shows with this chairman)

1981

- March 9-14, Bevilles Corner, **EVERY SEASON UNDER HEAVEN**, Azalea Garden Club of Sumter County, Fairgrounds; Mrs. A. Carneglia and Mrs. H. H. Cassady, Co-Chm.
- March 14-15, Ft. Pierce, **THAT'S ENTERTAINMENT**, St. Lucie Federation of Garden Circles, Agriculture Bldg., Mrs. Robert W. Cumming, Chm.
- March 25-26, Panama City Beach, **EXPRESSIONS OF LOVE**, Gulf Beach Garden Club, Garden Club Center; Mrs. J. R. Arnold, Mrs. Milton Gray and Mrs. Robert Tomson, Chm.
- March 26-27, Dade City, **FEAST OR FAST**, Dade City Garden Club, Garden Center; Mrs. Bob Pryor, Coordinator.
- March 27-28, Orlando, **OUR HERITAGE**, Orlando Garden Club, Garden Club Center; Mrs. Robert N. Guthrie, Chm.
- March 27-28, Tavernier, **LET'S GO NATIVE**, Upper Keys Garden Club, The Francis Tracy Garden Center; Mrs. Camille Kloski, Chm.
- March 28-29, Lakeland, **POLK COUNTY TRAVELOG**, Garden Club of Lakeland, Inc. Garden Club Center; Mrs. Leonard C. Carter, Jr., Chm.
- March 28-29, Palmetto, **ACCENT ON COLOR**, Palmetto Garden Club, Agricultural Center; Mrs. Lucille P. Murray, Chm.
- April 9, Mandarin, **ANNUAL SPRING FLOWER SHOW**, Mandarin Garden Club, Club House; Mrs. Guy Ponder and Mrs. D. A. Stanley, Co-Chm.
- April 11, Vernon, **THE BEAUTY OF AMERICA—CHANGING SEASONS**, Vernon Garden Club, Vernon City Hall, Mrs. Pauline Cook, Chm.
- April 11-12, Plant City, **POTPOURRI OF PASTIMES**, Plant City Garden Club, 1112 N. Wheeler St.; Lana Baldwin, Bettie Harrelson, Co-Chm.
- April 11-12, Blountstown, **THE 6th ANNUAL FLOWER SHOW**, Torreya Garden Club of Blountstown, First Baptist Church, Mrs. Jessie Price, Chm.
- April 12-13, Lake Placid, **FOR ALL SEASONS**, Lake Placid Garden Club, Masonic Building; Mrs. Orville Hancock, Chm.
- April 28-29, Groveland, **AMERICANA**, Groveland Garden Club, Women's Club Building; Mrs. E. B. Hart, Chm.
- April 30, Silver Springs Shores, **DECORATING OUR LIVES**, Silver Springs Shores Garden Club, Community Center; Mrs. Lawrence Thomas, Sr., Chm.
- May 2-3, Winter Haven, **PANACHE**, Winter Haven Council of Garden Clubs, Garden Center; Mrs. Donald Mitchell, Chm.

Now Is The Hour!!!

Order your FFGC 1982 FLORIDA FLOWER ARRANGEMENT CALENDARS. They are great to give for "Thank You" presents, or perhaps "Just Because."

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Make checks payable to: FLORIDA FLOWER ARRANGEMENT CALENDAR
Send orders to: Mrs. J. P. Clark, 1600 E. Harbor View Rd., Punta Gorda, FL 33950
2% Cash Discount allowed on orders of 10 or more, ACCOMPANIED BY CHECK and picked up at Convention or Headquarters. Check must be received by May 2 for convention pick-up and by June 1, 1981 for Headquarters pick-up.

1981 Garden Club Short Course

"Nature's Way"

April 7-9, 1981

J. Wayne Reitz Union—University of Florida—Gainesville

Conducted by:

Florida Cooperative Extension Service
Ornamental Horticulture Department
Florida Federation of Garden Clubs, Inc.
Institute of Food and Agricultural Sciences

Tuesday, April 7:

Registration opens at 12:00 noon on the Second Floor East Gallery. First session begins at 1:00 P.M. in Ballroom A, following introductions by Short Course Chairman Mrs. Robert A. Short.

"Nature's Way—for Flowers at their Loveliest" features Bob Thomas, who will lecture and demonstrate "The Creative Process and How it Works."

At 4:00 P.M. Ms. Susan D. Gray will give us the *Master Gardening Program*, also in Ballroom A.

An informal reception in Ballroom A will be held at 7:30 P.M., followed by "Biological Clocks" by Dr. Jasper Joiner, Professor of Ornamental Horticulture at the University of Florida.

Wednesday, April 8:

Registration will open at 8:00 A.M. Dr. Dale Habeck, Professor of Entomology and Nematology at the University of Florida will speak on "Nature's Way—Butterflies in Your Garden" in Ballroom A, starting at 8:45 A.M.

At 10:30 Bob Thomas will take over, speaking on "The Aid of Mechanics Use in Floral Design"—an area where Bob excels. A noted teacher, lecturer and arranger, Bob is internationally known in the field of design and is the driving force behind Florida's innovative new Floral Design Schools program.

During this same time Dr. Dick Henley, an Extension Foliage Specialist at the University of Florida will speak on "Container Growing" in Room 235.

Following lunch, buses will depart from the front of Reitz Union at 1 p.m. for a tour of Morningside Park and Devil's Millhopper State Geological Site—"Nature's Way—to tour our Parks." Refreshments will be served at the parks.

At 7:00 P.M. it will be "Nature's Way—for Fun and Play" at the Gainesville Garden Center, 1350 NW 75th St., with a "Country Fixins" dinner followed by a program. "Wear yore jeans and straw hat, too—We've got some treats in store for YOU."

Thursday, April 9:

The registration desk will open at 8:00 A.M. and the morning program will begin at 8:45 in Ballroom A, with Dr. Tom Sheehan, Professor of Ornamental Horticulture at the University of Florida speaking on *Tissue Culture (Testube Plants)*.

At 10:30 two programs will run concurrently—a Floral Design Workshop with Bob Thomas in Ballroom A—"Using An Object as a Feature," while Ms. Nora Bussey speaks on "Landscaping to Conserve Energy" in Room 235.

Registration:

Registrations postmarked after March 23 cannot be processed in advance. On-the-spot registration begins at 12:00 noon, Tuesday, April 7, on the second floor of the J. Wayne Reitz Union. The registration fee for the Short Course is \$20.00, or \$10.00 for any one day. The registration fee for the "Country Fixin" Dinner is \$7.50.

Fees:

Registration Fees should be remitted by check or money order to the Florida Cooperative Extension Service and mailed to the Director of Conferences, 1041 McCarty Hall, University of Florida, Gainesville, FL 32611. Project #33-9923.

Workshops:

Those planning to participate in Bob Thomas' workshop should bring the following items: 1-3" cup needle holder, 1 object to be used as a feature (rock, figurine, wood, etc.). Flowers furnished for \$2.50 will be gladiolus and aspidistra, therefore, keep this in mind when choosing your featured item. "Scale" is the keyword!

Housing:

Housing is available at any one of a number of Gainesville motels. The Holiday Inn University Center at 1250 West University Ave. has reserved a block of rooms. Telephone (904) 376-1661. Zip code: 32601. Registrations must be made before March 23. (\$33.00 single; \$38.00 double per day. \$6.00 per extra person in room).

PLEASE WRITE SEPARATE CHECKS FOR REGISTRATION AND THE BANQUET PRE-REGISTRATION FORM

1981 Garden Club Short Course

April 7-9, 1981

NAME _____

ADDRESS _____

_____ ZIP _____

Please check: Entire Course \$20 _____ One Day only \$10 _____

If taking Bob Thomas' Workshop, \$2.50 additional for plant material _____

Make Short Course checks payable to: Florida Cooperative Extension Service—Project #33-9923.

Mail to: Director of Conferences, 1041 McCarty Hall, University of Florida, Gainesville, FL 32611.

Cancellations must be received by March 23, 1981 for full refunds.

PRE-REGISTRATION FORM

"Country Fixins' Dinner"

Wednesday, April 8, 1981 Gainesville Garden Center, 1350 NW 75th St.

NAME _____

ADDRESS _____

_____ ZIP _____

Dinner \$7.50 _____

Make DINNER checks payable to: Mrs. F. LeGrand, 1930 NW 34th Terrace, Gainesville, FL 32606.

Cancellations must be received by March 23, 1981 for full refund.

MARCH/APRIL 1981



The Royal Palms Of Fort Myers

by Rita Moss
Campaign Chm.

Each city has its special landscape beauty. Ft. Myers' Royal Palm trees provide a unique and beautiful landscape setting, and for years the city has been known as the City of Palms. In recent months concerned citizens of Ft. Myers have taken matters into their hands to preserve the beautiful palms that line historic McGregor Boulevard.

There is quite a history of how the Royal Palms got started in Ft. Myers. An Irish merchant prince of New York, Hugh O'Neill, planted the first Royal Palms in Ft. Myers on the grounds of a hotel he built in 1897. The growth of these trees was rapid, and as they became majestically beautiful they attracted so much attention that the name of the hotel was changed from the Ft. Myers Hotel to the Royal Palm Hotel. When a street terminating at the hotel was opened, it was called Royal Palm Avenue, because of the splendid view of the palms from the hotel.

One person in Ft. Myers who greatly admired the beautiful royals was Thomas Edison, who had a winter home in the town. He often talked about them, saying they should be planted all over town. On April 4, 1907 Edison offered to plant Royal Palms on Riverside Avenue (now McGregor Blvd.), telling the town council that he would stand all the expense of bringing the palms in, planting them and caring for them for two years, provided the town would agree to care for them thereafter. His offer was accepted by the council on April 16, 1907.

Immediately afterward, Edison contracted with W. T. Towles to bring the palms from Cuba. A Mr. Hull and his son Perry, left for Cuba on May 22, 1907 and bought 1,100 palms. Towles was just getting ready to send the steamer "Lykes" for them when there was a yellow fever scare

in Cuba and a quarantine was clamped on. Most of the palms died.

Hull and Towles then bought 700 palms from E. E. Goodno, who got them out of the Big Cypress. These trees also died. Towles and Hull next bought 1,300 more trees in Cuba and this time the shipment came through. These trees were planted and enough lived to enable Towles and Hull to fulfill their contract. Towles stated later that he lost \$2,493.55 on the deal.

Unfortunately, Ft. Myers failed to take care of the palms after the two year period, as it had agreed to do, and many of the palms died from neglect. James E. Hendry, Jr., Edward L. Evans and William Jeffcott repeatedly appealed to the city council to make some provision for giving the palms the attention they deserved, but their pleas were disregarded.

Finally, on June 11, 1915, the city appointed its first Park Commission. Hendry, Evans and Jeffcott were appointed to serve on the commission, and as their first order of business they sprayed and fertilized the palms that had survived the neglect, spending \$1,000, which the city appropriated for "City Beautification." Some of the money went for more Royal Palms.

In 1923, Hendry presented a motion to the Rotary Club to beautify McGregor Boulevard. The club sponsored five miles of planting, starting at the city limits and extending south. Thomas M. Biggar spent one summer going from house to house getting the cooperation of McGregor Blvd. property owners, who agreed to pay \$2.00 each for the Royal Palms planted in front of their property. Hendry is credited with having helped to a great degree in making Ft. Myers the "City of Palms." On Sept. 16, 1928 he was awarded a contract by the city to plant 1,954 palms at a cost of \$28,000, the plantings to extend 37 miles on 67 streets.

Today, from the Edison Bridge to Cypress Lake Drive along historic McGregor Blvd., there are 1,815 Royal Palms lining the boulevard. And once

Continued on page 32

THE FLORIDA GARDENER

PROCLAMATION

State of Florida
Executive Department
Tallahassee

WHEREAS, Florida is known for its mild year-round climate and the beauty of its natural vegetation and landscape; and

WHEREAS, the State's rich and fertile land produces crops of citrus, vegetables, sugar cane and many other types; and

WHEREAS, observing nature and partaking of its sustenance is a pleasurable experience for residents and visitors alike; and

WHEREAS, Garden Club members, vegetable and citrus growers, agricultural extension services, nurseries and persons in related fields have for many years made a significant contribution to Florida's economical growth, environmental quality and pleasing appearance;

NOW, THEREFORE, I, Bob Graham, by virtue of the authority vested in me as Governor of the State of Florida, do hereby proclaim the period of June 17 through 23, 1981 as

GARDEN WEEK

in Florida and urge all citizens to aid those who endeavor to maintain and preserve our "land of plenty".



IN WITNESS WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Florida to be affixed at Tallahassee, the Capital, this 26th day of January in the year of our Lord nineteen hundred and eighty-one.

GOVERNOR

ATTEST:

SECRETARY OF STATE

It's Chore Time!

Patsy H. Howze
Horticulture Chm.

Ah, Spring! Now to put all those brave New Years resolutions we made, into action. Those solemn vows we made during winter's cold to get gardens back into shape now sear the conscience. So it's time to MOVE!

There is much to be done during March and April and there is little in the garden that does not require attention. The list of chores is long. Here are a few reminders.

First, fertilize the lawn and ornamentals. Then comes the pruning! If danger of frost is past in your area, everything needing to be cut back can be pruned at this time with the exception of shrubs yet to bloom in early spring, such as azaleas, which must wait until the bloom period is past.

Keep those azaleas and camellias watered. After blooming, fertilize them. An azalea-camellia special should be used on these acid-loving plants, as well as on hibiscus, gardenias, ixoras, hollies and allamandas. Because this special fertilizer offers extra acidity plus iron and manganese, these plants respond to it remarkably well.¹

It is important to realize azalea and camellia specials only stabilize an already low Ph but do not alter Ph, whereas regular mixes sometimes alter Ph slightly upward. A Ph of 5.5 to 6.5 is suitable for about 90% of all varieties of plants, but azaleas, camellias, gardenias, hollies, etc. grow best in a lower range of 4.5 to 5.5. So, if the Ph of your soil is not low enough for acid lovers, it can be lowered at least one Ph unit by applying about three pounds of iron sulphate per 100 square feet of area. Soil should be retested about every four months to determine if treatment should be repeated.²

Amaryllis should be fertilized every two or three weeks until blooms show color, then withhold fertilizer until blooms are spent. Normal feeding is then resumed until fall when foliage dies back. As blooms die, remember to keep seed pods removed unless you are wanting to

Continued on page 30

Improved Cultivars

By Mrs. Robert Hunter
Improved Cultivars Chm.

Improved cultivars are sometimes made by lucky accidents, but most often they are the result of years of patient study and cross-breeding. Aside from the appearance of a plant, hybridizing may make a plant stronger, more long-lived, extend or change its blooming season or make it more disease-resistant. These are things which are not as obvious as flower beauty but are really important to the grower.

In the new spring catalogues we are offered a multitude of new varieties. Some we've noticed are:

Parks Crape Myrtlettes (their spelling!)—dwarf plants suitable for pot culture or low-growing border hedge. These are said to start blooming when only 12 inches tall and are available in a wide range of reds, lavenders and white.

Other introductions from *Parks* are marigold "Merrymum", watermelon "Bushbaby" and a red okra.

Burpee is featuring a new white marigold "Snowbird" and a large new hybrid tomato "Supersteak". For pot gardeners there is the new Pixie Hybrid, a fast-ripening tomato designed for inside or outside—window boxes, flower borders or pots.

Wayside is introducing a new *Hydrangea Quercifolia* called "Snow Queen" which has improved flower quality with interesting oak leaf foliage. "Forever Pink" is a slow-growing dwarf with early blooms. *Wayside* is also offering a large selection of azaleas in tempting new colors.

Each plant society magazine brings news of recently introduced hybrids, although they are not always immediately available. For instance, we are still awaiting the stunning *Guzmania* "Cherry", which was such a hit at the International Bromeliad Show in Orlando last year. The latest word from *Albert and Merckels* is—maybe August. Meanwhile they have introduced a new *Guzmania*—*Sanquinea Erecta*. We look forward to its appearance in our shows.

Exciting new plants continue to appear

Continued on page 27



Butterflies

Eve Riel Hannahs
Butterfly Chm.



All districts have chosen their official butterfly, which are as follows:

- Districts I, III, V—Eastern Tiger Swallowtail
- District II—The Mimic
- District IV—Painted Lady
- District VI—Orange Barred Sulphur
- District VII, IX—Monarch
- District VIII, X—Zebra
- District XI—Ruddy Dagger Wing
- District XII—Schaus' Swallowtail

Please remember to add the butterfly of your district to your banner before Convention.

Bromeliaceae

Part V. BROMELIACEAE

(Pineapple Family)

By Fanny-Fern Davis

Native Plant Chm.

It is difficult to believe that plants as different as Spanish Moss (*Tillandsia usneoides* L.), pineapple (*Ananas* sp.), *Cryptanthus*, *Billbergia* and *Guzmania* all belong to the same family, and are generally referred to as Bromeliads. You remember, however, that plant relationships are established on the basis of flower and fruit structure rather than on vegetative characteristics.

Most of the thousand or more species of bromeliads are native to the western hemisphere from southern United States to southern Argentina. The pineapple does not grow wild in the United States but some fifteen species related to it are found here; and they are our principal epiphytes in Florida, particularly in south Florida.

Unlike terrestrial or earth-bound plants, epiphytes grow on trees or cling to rocks in their native habitats. Since all growing plants must have water and nutrients to exist, epiphytes have uniquely adapted themselves to get these necessary materials from the air. They get neither water nor nutrients from the plants on which they grow, as do mistletoe and other aerial parasites, but rather from the air about them.

In the hammocks and swamps in south MARCH/APRIL 1981

Florida, species of *Catopsis* and *Guzmania* as well as several species of *Tillandsia* (known commonly as wild pine) are commonly found along with epiphytic orchids. They have hold-fast roots which serve only to anchor the plant. The vegetative structure of the plants consist of crowded, closely overlapping leaves with spoon-like enlargements at their bases, forming a "vase" or "tank" to hold a reservoir of water. Generally the leaves are tough and leathery and edged with spines. Also, in many species, the leaves are covered with scales, which enable the plant to absorb water and nutrients from the retained water and atmospheric dust.

The flower stalks usually emerge from the center of the "vase" and are characterized by outer colorful bracts which are frequently mistaken for the flowers. In several of our native species the bracts are bright red and far more conspicuous than the narrow blue flowers which consist of 3 petals, 3 sepals, and 6 stamens surrounding the single pistil with its thread-like style and 3-pronged stigma. The colorful bracts of our horticultural species can be red, orange or pink and the flowers which they protect may vary from blue through red and yellow to white. In them, the fruit is often showier than the flowers and leaves and may last for several months.

Throughout Florida, the most ubiquitous species of the bromeliads is Spanish Moss (*Tillandsia usneoides* L.), found draped profusely over our live oaks in particular. Since it is so different in vegetative structure from the species of *Tillandsia* known as wild pine, some

Continued on page 30

Membership

Almeda B. Lowe
Membership Chm.

As a member of the Florida Federation of Garden Clubs, Inc. do you have a State Membership Card? Reports have been received that these cards were not distributed in all clubs. It is a combination State and Club Membership Card and one we should be proud to possess.

As an organization we work in many fields, with goals of making life more interesting for the elderly, of teaching children the values of keeping our land a beautiful and healthy place to live, working with civic organizations to keep Florida cities sparkling and rural areas feeding large parts of our country without ruining the ecology; by sharing plants, knowledge and friendship with 'northern transplants'; by keeping in touch with pending legislation affecting the environment and by letting our voices be heard.

There are many opportunities in FFGC for learning and teaching—Flower Show Schools, Short Courses, Symposium, Landscape Design Schools, Floral Design Schools, Gardening Study Courses, Environmental Workshops, Youth Camp, SEEK and many more.

No other organization does so much for so many. Each time we look at our membership card we should feel a "warm glow" because we are a part of FFGC.

The "I Got One" list of members is growing, but we need faster growth if our "record book" is to be filled by Convention time. There are members listed in "The Seed Club" and by the time this article appears we hope to have not only a long list of Bronze members, but a group of Silver members, as well.

The Membership Chairman needs final reports by May 1.

There will be special awards for clubs organizing new clubs or circles of members not now belonging to a garden club. There are many places where new clubs can be found—newcomers clubs, womens clubs, evening vocational classes, church groups, new residential developments, etc. If your club is one of this group the membership chairman must have the information before April 20th. All awards, buttons, pins and certificates will be awarded at State Convention.

Continued on page 27

OLLIE FARRAR LEAVES FLORIDA

Mrs. M. S. (Ollie) Farrar, popular and talented flower arranger, is moving from Coral Gables to Portland, Indiana. Many people throughout Florida are familiar with Ollie and her many contributions to garden clubbing, including her serving as chairman of the State Flower Show in 1965. Mrs. Farrar's new address will be: Box 245-RR 2, Portland, Indiana 47371.



In recognition of 17 years of service and devotion to the Coral Gables Beautification Committee, Gables resident Ollie Farrar was recently presented a Certificate of Appreciation by Mayor James S. Dunn. Mrs. Farrar is leaving Florida to live in Indiana. Her creative talents will be missed.

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THE FLORIDA GARDENER

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Mrs. George W. Mitchum
FFGC Landscape Design Schools Chm.

SERIES XII—COURSE IV—April 27-29, 1981—Winter Park

FFGC Headquarters, 1400 S. Denning Dr., Winter Park 32790
Co-Chairmen: Mrs. Charles Vale, 3600 N. Chickasaw Trail, Orlando, 32817

Mrs. J. R. Myers, 2560 Tuscaloosa Tr., Maitland 32751
Registrar: Mrs. Kenneth Nichols, P. O. Box 246, Lake Panasoffkee 33538
Cost: Full Course—\$20 (manual included); One Day—\$10; Study Manual—\$2
Examination—\$2; Luncheon (each day)—\$2.50

Monday, April 27, 8:00 A.M. to 3:45 P.M.

Landscape Design Resume and Evaluating Public Design: Prof. V. J. Bellafiore
Planning and Zoning and Subdivision and Land Development: Glenn A. Acomb
Preservation of Historic Sites and Structures: Bert Foster

Tuesday, April 28, 8:00 A.M. to 3:00 P.M.

Evaluating Domestic Design: V. J. Bellafiore
Contemporary Design: R. R. Conant
Herbaceous Materials and Redesign of Areas: J. Siebenthaler

Wednesday, April 29, 8:30 A.M. to 12 noon

8:30 Instruction for Examination
9-12 noon: Examination

REMINDER: Details of Landscape Design School—April 29-May 1—Jacksonville, are to be found on pg. 27, Jan./Feb. issue of The Florida Gardener

Course 4, Series XII, Winter Park April 27-29, 1981

NAME _____ GARDEN CLUB _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

Student _____ Refresher _____ Non-Member _____

Full course: \$20 _____ Manual included One Day: \$10 _____ Manual \$2

Examination \$2 _____ Lunch each day \$2.50 _____

Cultivars

Continued from page 24

from work being done with the New Guinea strain of impatiens, and begonia hybridizers are working with the newly introduced Brazilian species.

The January African Violet magazine has a lovely raspberry-pink and white flowered cultivar on its cover, called "Grace and Henry", and the Hemerocallis journal is featuring on its cover a ruffled, round, delicate pink flower called "Cindy Marie" by Durio. Many of the new daylilies are edged in a contrasting color and most are of a broad, ruffled form. All

are beautiful and desirable.

With the spring catalogs and magazines spread before us, it is hard indeed to make a choice, but we know what a lot of interest a few exciting new cultivars can add to any garden. Look for them in nurseries and bring one to convention!

Membership

Continued from page 26

Organize a new club, put your club's name on the Florida map at State Convention.

MARCH/APRIL 1981

Newly Accredited Flower Show Judges

Mrs. John H. Howarth
Flower Show Schools Chm.

Twenty-six students have successfully passed their reading exam and are now fully Accredited Flower Show Judges. Included in this number is a husband-wife team. Congratulations to each of these ladies and gentleman.

District II—Mrs. B. D. Creel, Mrs. G. C. Greene, Mrs. J. B. Ingram, Mrs. J. P. Jeremiah, Mrs. E. L. King, Mrs. Wm. Duncan McQuagg, Mrs. William Platt, Jr.

District III—Mrs. E. Ray Soloman

District V—Mrs. Alvin L. Horning, Mrs. William T. Thaxton, Mrs. S. L. Tucker

District VI—Mrs. James H. Acker, Mrs. Robert W. Becknell, Jr., Mrs. William O. Todd

District VIII—Mrs. Moran H. Hupp, Mr. Robert P. Meier, Mrs. Wilda Q. Meier

District IX—Mrs. B. J. Herlovich

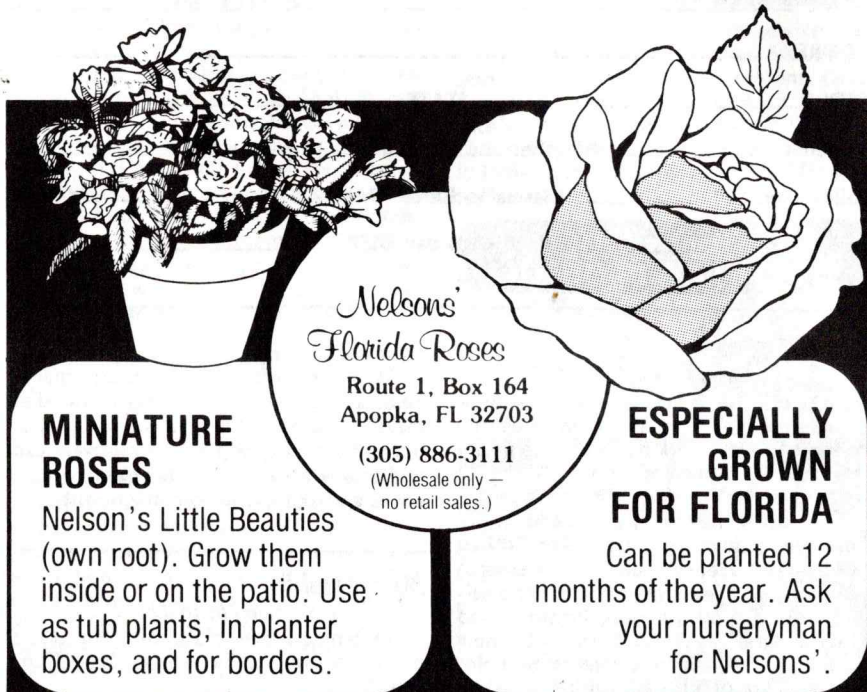
District X—Mrs. John Bush, Mrs. Malcolm N. Crabtree, Mrs. John D. Graham, Mrs. James M. Jackson, Mrs. Max Mosler

District XI—Mrs. R. John Ling, Mrs. Charles Minor, Mrs. O. Edgar Williams, Jr.

SYMPOSIUMS

1981 Spring Symposium, Pensacola Garden Center, 1850 N. 9th Ave., Pensacola, FL 32503 . . . April 14, 15, 1981. See page 19 for details.

1981 Athens Symposium, Athens, GA, June 22-24, 1981. Contact: Mrs. Cliff Moore, Jr., 115 Saddle Mountain Rd., Rome, GA 30161.



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Flower Show Schools

Mrs. John H. Howarth
Flower Show Schools Chm.



JACKSONVILLE—COURSE I
March 30, 31, April 1, 1981

Instructors:

Mrs. Harry Gwinner

Mrs. Robert Guthrie

Chairman:

Mrs. Kenneth Edwards

3252 State Rd. 218

Middleburg 32068

ST. PETERSBURG—COURSE I
April 22-24, 1981

Instructors:

Mrs. Leon Chasson

Mrs. Robert Guthrie

Chairman:

Mr. Bob Thomas

5890 63rd St. N.

St. Petersburg 33709

Landscape Color

Continued from page 18

overdone. Generally speaking, the more brilliant the color, the less amount should be used.

Color in Foliage

The basic color value in plant material is found in the color of foliage, which is accepted to be a secondary color—green. The values of green are many and varied and many interesting compositions are possible just with foliage greens. The quality of color in plant materials gives credence to the oft-spoken aspect of every changing medium of expression. Green is the basic color for the floor and walks of a garden. Fine textured grasses provide a pleasing color pattern for lawns. The variable textures and values of green present in shrubs and trees provide backgrounds and stability to any design. Values of green will vary from light green in the early spring growth through darker green found in mid-season foliage, to the sometimes brilliant impact of autumnal color. Color of foliage is the most dependable and stable color source in the garden.

Color in Flowers

The brilliant color of flowers, especially in masses, may be overpowering to behold but is considered to be of short duration and more or less transient in use. This source of color is normally spoken of as seasonal color in that the full impact of it occurs at a given season of the year and is usually of short duration. Color of flowers cannot support basic design, whereas color of foliage can provide this important function.

Incidental Color

There are many sources of incidental MARCH/APRIL 1981

color in the natural landscape elements that bring definition to the two sources above . . . the color of the sky in all its changing wonder, the full play of sunshine or clouds that filter the sun rays, wispy clouds or heavy overpowering clouds, shades and shadows, natural ground forms of rock, boulders and soil, water and the reflected colors from the surfaces, full value of color in fruit or twigs or bark of trees. Look around you for the unlimited source of incidental color that gives dimension and meaning to the full and complete use of color in any landscape composition.

Artificial Lighting

Color interests may be introduced into a garden by a completely different medium than any discussed yet. As all color to this point has been dependent upon natural lighting, the gardener who wishes to extend the hours of enjoyment for his garden may do so through artificial lighting. The use of artificial lighting is most dramatic and usually presents a garden in a completely different interpretation of design. The results are dramatic, stimulating and challenging. Unfortunately plant colors react differently than people under artificial lights. This is a specialized use of color in the landscape and must be handled by an expert in the field for most satisfactory results.

All decisions relative to the use of color in the landscape should be an integral part of the total design concept. Proper use of color in a landscape must be carefully studied and employed in simple and restrained patterns because good color effects in a landscape must be planned—they are not accidental.

Chore Time

Continued from page 24

propagate new plants from seeds.

Propagating new plants is a simple matter. Merely allow seeds to mature. When pods burst, harvest seed and plant about 1/4 inch deep in damp sand in semi-shade, keeping moist. Pot seedlings when about three or four inches tall and after a substantial root system has developed. Seedlings should bloom in about three years.

As with most bulbs, bone meal and dolomite are highly recommended foods for Amaryllis. If you detect red fungus on their foliage, dig up the plant, remove and destroy all foliage, then douse bulbs thoroughly with neutral copper. When replanting, be sure to plant with one-half the bulb above ground.

Now is the time to fertilize avocados and mangoes with 6-6-6. Those with mangoes should start a disease prevention program when blooms first appear by using weekly applications of neutral copper until fruit sets. After fruit appears, it is necessary to continue these applications monthly to prevent anthracnose, a disease caused by several species of fungi that produce ulcerlike lesions.

Prune poinsettias in March and save mature stems to start new plants. Allow stems to callous for several days before planting. Cut stems just above a node and be sure each stem has about six nodes to allow planting stem several nodes deep. Cuttings can be started in most any sunny, well-drained area or in pots of one part sand and one part milled sphagnum.

Do not prune poinsettias after mid-September. To do so risks losing blooms that begin forming in early fall. Remember to plant away from artificial night light. Poinsettias are short-day plants and extended light exposure inhibits blooming.

Now is the time to divide pentas and start new plants from mature stems. Their brightly colored blossoms attract butterflies by the score and because they bloom year round and survive below-freezing evening temperatures (27° in my garden) for short periods, pentas will always be a Florida favorite.

If you have not tried it before, this is the year to use the biological caterpillar control *Bacillus thuringiensis*. It is a superior caterpillar control and has the plus of not harming bees or insect parasites. Easily found in garden shops, ask for it under these trade names: Dipel,

Thuricide or Bitrol. This should be just the thing for my new hybrid cannas!

Plant gladiolus, dahlias and caladiums now. The miniature caladium, "Little Miss Muffet" is special. Be sure to stagger planting of glads and dahlias to extend their blooming period in your garden. Also, plant tubercles of achimenes around impatiens in semi-shaded areas for some truly unusual spring through summer colors. Hybrid Achimenes are gorgeous—"Quick Step," "India," "Menuett" and "Blue Planet" are only a few you would enjoy.

Beginning now and through July, chrysanthemums can be pruned, divided and started from cuttings in time for fall and winter bloom. Think ahead! Rooting takes only about three weeks.

Last but not least, don't forget to groom selected plants and place them in intensive care for exhibition at our State Flower Show in Tampa on April 3-5. This is one of the "fun-things" that evolves from dedicated gardening—exhibiting in flower shows so others can learn from and appreciate your success!

¹ Lewis S. Maxwell, B.S.A. "What To Do In Your Garden," *Florida Garden Guide*, p. 1 (May-June, 1979).

² Ibid.

Bromeliacea

Continued from page 25

botanists place it in a separate genus and call it *Dendropogon usneoides*. It drapes the trees and even telephone wires with its abundant growth. It has no roots, but clings to the bark of trees. The slender, wiry stems and thread-like leaves both bear numerous silver-gray scales which are important in trapping water and nutrient-providing dust particles necessary for life.

The small inconspicuous auxiliary flowers can be recognized by their three yellowish green recurved petals. The seed produced for them are equipped with feathery parachutes that permit them to float in the air and eventually lodge securely in the bark of the tree, where they germinate and produce new plants. The genus is named in honor of Professor Tilands and the species name, *usneoides*, refers to the similarity of the plant to *Usnea* which is a lichen, old man's beard, which hangs from treebranches and also is called Spanish Moss in some parts of the West.

The Peltophorum

By Larry Rabinowitz

Sarasota County Extension Agent

When it comes to trees, spring is the most colorful season in Florida. In the northern part of the state the dogwoods and redbuds put on quite a show in the spring, while in southern Florida the color is provided by a succession of tropical and subtropical trees with exotic names, such as the orchid-tree, silver trumpet tree or tree-of-gold, jacaranda, royal poinciana or flamboyant, and several others less commonly seen, including the red bombax or silk cotton tree and the shaving-brush.

We are lucky to live here. Most of our exotic trees cannot be seen anywhere else in the United States except Hawaii and, to some extent, southern California. These trees from the tropics and subtropics come from all over the globe—Central and South America, Africa, Australia, India and China—and among them are some of the most beautiful flowering trees of the world, trees that are famous throughout the tropics for their spectacular, colorful blossoms.

After the bright displays of spring, summer in Florida seems relatively dull as far as flowering trees are concerned. Thus, many people would be surprised to learn that one of the showiest trees of all, blooms in the middle of summer, usually in June and July, and it is very ornamental indeed.

If we could pick one flowering tree that deserves to be more widely planted in central and southern Florida, our choice would be this little known tree, the peltophorum.

The peltophorum is a large, attractive tree, tall and stately, and when it blooms in the summer it is truly spectacular. Its flowers are bright yellow, and the large, erect flower clusters grow out beyond the leaves, so that the entire canopy is covered with blooms and the tree is a solid mass of color. (The flowers, which have a grape-like fragrance at night, can be cut and used for indoor decoration, according to some authorities.)

The feathery, fern-like foliage of the peltophorum resembles the leaves of the poinciana or jacaranda, and for this reason the tree is often called a yellow-poinciana or yellow-jacaranda. However, the peltophorum is not at all related to the

jacaranda, and while it does belong to the same family as the royal poinciana, there is a true yellow poinciana which is a different tree entirely.

Since its common names are misleading, you might as well call the tree by its botanical name, peltophorum. This may seem like a mouthful, but if you can say philodendron you can certainly say peltophorum. It is pronounced so that it rhymes with pittosporum, with the accent on the second or third syllable (either pell-toe-FOUR-um or pell-TAH-fur-um, whichever you prefer).

Peltophorum trees are upright in their growth habit and reach 50 feet or more in height, making them excellent for use as avenue or lawn trees, provided that the yard is not too small. The trees usually produce a straight trunk for ten or fifteen feet, and the lower branches can be pruned off to provide ample clearance underneath the trees.

The large spreading canopy produces dense shade in summer, but the trees are deciduous and lose their leaves in winter. Thus the peltophorum is a good choice if you are energy conscious, because it can help keep your house cool in summer and still allow the warming rays of the sun through in the winter.

Peltophorums are easily propagated from seed. The seeds are contained in flat pods which persist on the trees for quite a while. These pods are reddish or maroon in color—in some places the common name for peltophorum is copperpod—but they later turn black and then become gray. The seeds can be harvested as soon as the pods become dry on the trees in the fall, and can be planted immediately or stored until the following spring.

Many flowering trees take a long time to bloom if they are grown from seed—perhaps as long as 10 or 15 years—but not the peltophorum, which may bloom when it is only four years old. The young trees grow quickly, gaining as much as four or five feet per year in height.

Peltophorums are not highly salt tolerant, so they should be planted well back of the shoreline. They prefer dry soil, but any well drained soil should be adequate. I do not recommend planting them in poorly drained areas, however. Like many trees, the peltophorum cannot develop a deep root system if the soil is poorly drained, and a shallowly rooted

Continued on page 32

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CALENDAR OF EVENTS

- | | | |
|-----------------|--------------------------|--|
| March | 9-13 | Blanche Covington Nature Study Course, Wekiva |
| | 16-19 | Deep South Convention, Bossier City, LA |
| | 23-25 | Gardening Study Course, Series II, Course 3, Tallahassee |
| | 30-31 | Flower Show School, Course I, Jacksonville |
| April | 3-5 | State Flower Show, Tampa |
| | 7-9 | Short Course, Gainesville |
| | 14-15 | Flower Show Symposium, Pensacola |
| | 19-23 | NCSGC Convention, Atlanta, GA |
| | 27-29 | Landscape Design School, Series XII, Course 4, Winter Park |
| | 29-May 1 | Landscape Design School, Series XIII, Course 2, Jacksonville |
| May | 7-8 | FFGC Convention, Carillon Hotel, Miami Beach |
| | 9 | Post-Convention Board of Directors Meeting, Miami Beach |
| | | SPRING DISTRICT MEETINGS |
| | 13 | District III |
| | 14 | II—Marianna |
| | 15 | I—Ft. Walton Beach |
| | 18 | IV—Palatka |
| | 19 | V—Beverly Hills |
| | 20 | VII—Clermont |
| | 21 | VIII—Dunedin |
| 22 | IX—Winter Haven | |
| 26 | VI—Cocoa Beach | |
| 27 | X—Indiantown | |
| 28 | XI—Lauderdale-by-the-Sea | |
| 29 | XII—Miami | |
| June | 21-July 4 | Wekiva Youth Camp—Boys weeks |
| July | 5-11 | Wekiva Youth Camp—Mixed Session (grades 3-5) |
| | 12-Aug. 1 | Wekiva Youth Camp—Girls weeks |
| August | 2-4 | SEEK '81—Youth Environmental Convergence—U. of Central Fla. |
| November | 4-6 | Landscape Design School, Series XIII, Course 3, Jacksonville |



State Plants Highway Trees

By Mrs. Robert E. Mills
Trees Chairman

This winter the Florida Division of Forestry and the Department of Transportation are planting native trees along the right of ways and interchanges of our state highways. In all, more than a quarter of a million trees will be planted along 1460 miles of road.

As the trees mature, not only will they make driving on interstate highways more pleasant, but they will help prevent erosion also, and in years to come could even be a source of harvest if future generations so elect. Hardwood, such as dogwood, live oak, sycamore, red maple, tupelo gum, cottonwood and other oak species are being planted, as well as pine species.

For more information on this program, contact your local urban forester or the FFGC Trees Chairman, Mrs. R. E. Mills, 9735 SW 138th St., Miami 33176.

Palms

Continued from page 22

again there is need today, as there was back in the early days of the palms, for care and replacement of the beautiful trees.

The Ft. Myers Lee County Garden Council, consisting of many federated garden clubs in the area, accepted the challenge of making sure the palms along McGregor Blvd. receive proper care. When the Ft. Myers *News-Press* called attention to the need for preserving the palms, in an editorial in early September, the Garden Council met the call. Each member of all the clubs was asked to donate a dollar, and was urged to collect a dollar from their neighbor or a friend. The slogan "A DOLLAR A YEAR TO SAVE THE PALMS" was announced.

Feeling that historic McGregor Blvd., with its magnificent Royal Palms, is equally as important as other nationally treasured landmarks . . . such as the famous Cherry Blossom trees that flank the Tidal Basin in Washington, D.C., and the great Redwood trees in California, the Garden Council considers it a privilege to help preserve this local heritage, not only for residents of Ft. Myers, but for future visitors from all over the world to enjoy when they come to southwest Florida.

A donation . . . large or small . . . can be sent to "SAVE THE PALMS," c/o Lee County Bank, Ft. Myers 33902, or to R. V. Moss, 1388 Whiskey Creek Dr., Ft. Myers 33907.

Peltophorum

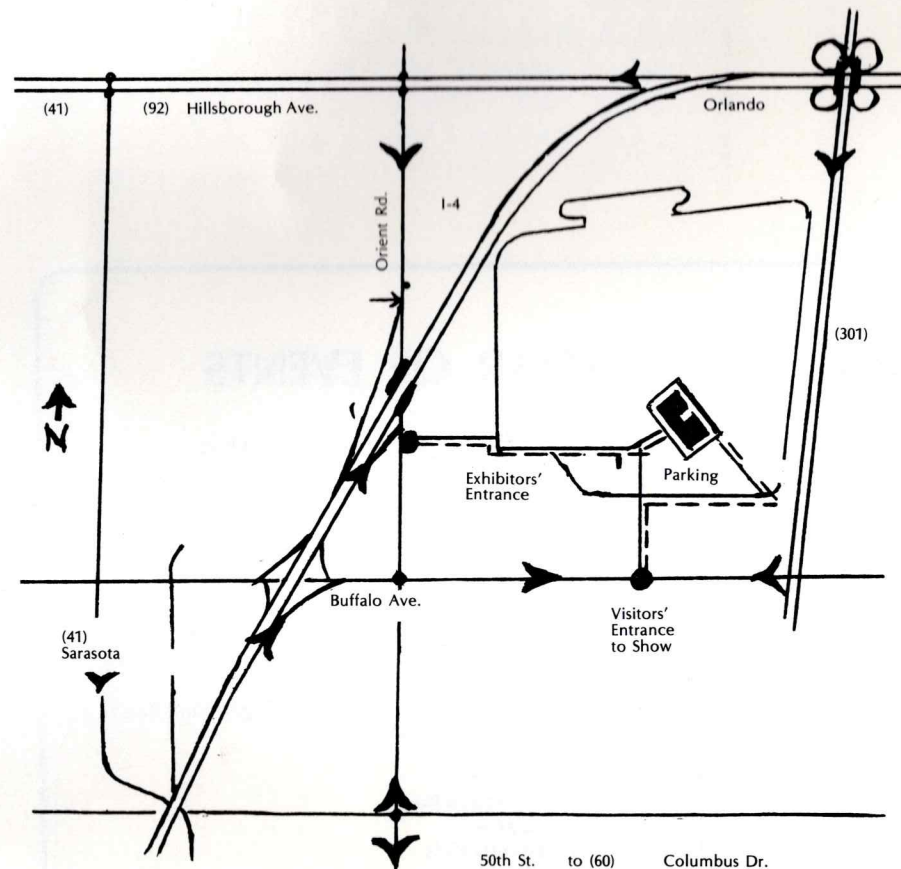
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tree can be blown over by a heavy wind.

There are several species of peltophorum, and the one which is most popular, *Peltophorum dubium*, will withstand cold to 23°F. without substantial damage. This species, which is native to Brazil, can be grown as far north as Orlando, Florida, and perhaps even further north in the warmer locations. The other species sometimes found in nurseries, *Peltophorum pterocarpum*, is quite tender and will survive only in the warmest areas of South Florida. Even if you plant the hardier species, remember that young trees are more tender than mature specimens, so they need protection from frost for the first few winters.

If you are looking for an excellent tree for your yard, consider the peltophorum. Better yet, talk to your neighbors and plant several along your street. We can certainly use more of these beautiful trees which provide refreshing shade as they brighten our lives with color in the summer.

ALL ROADS LEAD TO THE STATE FLOWER SHOW!



NOTE EXIT ARROWS ON INCOMING HIGHWAYS.

EXHIBITORS WILL USE Orient Rd. entrance only. (Parking area behind Florida Living Center.)

SHOW VISITORS WILL USE Buffalo Ave. entrance. FOLLOW DIRECTIONAL SIGNS WITHIN FAIRGROUNDS.

EXHIBITORS: due to the January Deep Freeze it's even more important for you to enter any good plants that survived. Please read carefully General Rules, Design and Horticulture Rules for information not repeated in schedule.

We're counting on you to
**COME, EXHIBIT, HELP AND ENJOY
YOUR SHOW!**