



The Florida  
**GARDENER**

NOVEMBER/DECEMBER 1977

# CALENDAR OF EVENTS

## Board of Directors Meetings:

January 11-12, 1978—Headquarters, Winter Park

## Coming Events:

1977:

### ANNUAL DISTRICT MEETINGS

November 1 VII Orlando  
2 VIII St. Petersburg

November 8-10, Landscape Design School, Series 9, Course 3, Miami

November 15-16, Flower Show Symposium, Tampa

1978:

January 20, Florida Arbor Day

January 24-25, Tropical Short Course, Barry College, Miami Shores

February 28-March 3, Environmental Education Workshop, Wekiva

\*March 13-15, Deep South Regional Convention, Buena Vista (Carlton House)

March 20-22, UF Short Course, Gainesville

April 2-8, Blanche Covington Nature Study Course, Camp Wekiva

April 11-13, Landscape Design Course, Series 10, Course 2, Tampa

April 18-20, Landscape Design Course, Series 9, Course 4, Miami

April 19-22, Florida State High School Science Fair, Niceville

April 25-26, Spring Symposium, Pensacola

May 9-11, HANDS Workshop, Winston Salem, N.C.

May 17-18, FFGC Convention, The Plaza, Daytona Beach

June 4-8, NCSGC Convention, Michigan

August 6-9, "SEEK" Conference

1979:

April 18-19, FFGC Convention, District XI, Diplomat Hotel, Hollywood

May 6-13, NCSGC Convention, New Orleans, Louisiana

1980:

May 1-2, FFGC Convention-Dutch Inn, Lake Buena Vista

\* Note change in date

#### DEADLINES FOR

January-February Issue  
Advertising—November 15  
Editorial—November 15  
Circulation—December 1

The FLORIDA GARDENER

# The Florida GARDENER



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

Member of National Council of State Garden Clubs, Inc.

Headquarters: 1400 Denning Drive, Winter Park, Fla. 32789

Mailing address: P.O. Box 1604, Winter Park, Fla. 32790

396 CLUBS                      658 CIRCLES                      29,678 MEMBERS

10 Probationary clubs—256 Members

President: Mrs. Dewey R. Villareal, Jr., 4413 Brookwood Dr., Tampa 33609

VOLUME 26

1977

ISSUE 2

Editor—Mrs. Roger Beattie  
8250 SW 115 Street  
Miami 33156

Circulation—Mrs. Robert E. Mills  
9735 SW 138 Street  
Miami 33176

Advertising—Mrs. Walter C. Neals  
1251 Via Estrella  
Winter Park 32789

## CONTENTS

Araceae .....	18
Books & Slides .....	14
Christmas at Tallahassee .....	24
Flower Show Calendar .....	22
Flower Show Schools .....	8
Legislature .....	20
New Florida Gardeners .....	27
Programs .....	12
Scholarship Winners .....	28
SEEK '77 .....	7
Short Course—Gainesville .....	6
State Life Members .....	10
Tropical Short Course .....	3
WANTED .....	32
Wekiva '77 .....	8
Young People's Page .....	30

## About the Cover

POINSETTIA (*Euphorbia pulcherrima*)—from Mexico and Central America, is a shrub (to 15 ft.) beloved as a symbol of Christmas. Its whorls of upper leaves, red, pink, salmon, pale-yellow or white, masquerading as blooms are actually splendid ruffs encircling the true, yellow and green flowers. Propagated from cuttings.

Published bi-monthly, September through June, 5 times a year, by the Florida Federation of Garden Clubs, Inc., a non-profit organization. Subscription 65c annually, included in dues, \$1.25 per year to non-members, 35c per single copy, 50c single copy of back issues. Second-class postage paid at Miami, FL 33152.

Postmaster: Please mail form 3579 to The Florida Gardener, 9735 S.W. 138th St., Miami, 33176.

NOVEMBER/DECEMBER 1977

# THE RICHEST GIFT



November and December are months of loving, caring and giving for each of us. As Garden Club members, we are stewards of our state and of the people who live here. Because we care about our young people and do something about their education, because we remember the hospitalized and institutionalized and keep contact by enriching their lives, because we know that our senior citizens deserve our best, our own lives are richer. Sharing our knowledge and our time with others is the richest gift that we can tender during these months. Continuing to share beyond December and including promises kept into the New Year will make each of us a better person. The Garden Clubber's hand reaching to someone else is the one gift that is unique and priceless. Let us each resolve to extend that hand now.

These are busy days. Schedule some time for YOU by attending our Landscape Design School in Miami or Flower Show Symposium in Tampa this month. Bring your own level of knowledge and learn. There are no pre-requisites for either course. Stay young by learning!

Awards applications are due in December. Getting it all together now will keep you and your committee out of the frantic last minute rush. Check to whom and when in this GARDENER and in your BOOK OF INFORMATION.

We want to hear about the exciting things that are happening to you and your Club. If each chairman will report how many, where, when and what to his District chairman, State chairmen will collate the information so that I may brag about all of you at Deep South and National Board meetings. Our personal commitment to save trees by saving paper is the basis for this method of gathering information. Its success depends directly on you and supplants '20 Questions'.

Every current magazine appears to be carrying a list of suggested gifts for the Holiday Season ... so here is our suggested list for you:  
FOR THE YOUNGSTERS ON YOUR LIST:

a week at FFGC's Wekiva Youth Camp (\$50)

a scholarship to SEEK '78 (\$56)  
UNDER \$6 from FFGC headquarters gardening gifts

HANDBOOK FOR FLOWER SHOW SCHOOLS  
UNDER \$16

Tropical Short Course, Miami  
University of Florida Short Course, Gainesville

\$25 AND UNDER  
FFGC membership pin  
Landscape design Course III, Miami (November)

Fall Flower Show Symposium, Tampa (November)

\$50 AND OVER  
Deep South Convention, Orlando  
FFGC Convention, Daytona Beach  
FOR THE FRIEND WHO HAS EVERYTHING

A trip to Greece, England or the Scandinavian countries ... the Orient. These FFGC tours are scheduled for 1978.  
Symposium '78 on a cruise ship, next fall.

A donation in his/her name to THE AMERICAN LAND TRUST

Whatever you choose or receive, we wish for each of you the best that life and love has to offer through sharing, learning and growing.

*Jean Bates Villareal*  
Jean Bates Villareal

The FLORIDA GARDENER

# Federation Happenings

## -TWENTY SECOND ANNUAL- TROPICAL SHORT COURSE

Mrs. U. L. Kokenge, *Chairman*  
4955 Lakeview Dr., Miami Beach  
33140 Phone 865-5521

### "EVERY INCH A GARDENER" PROGRAM

TUESDAY, Jan. 24, 1978

WEDNESDAY, Jan. 25, 1978

#### A.M.

- 8:00 Registration  
9:15 **Presiding:** Mrs. John G. Wood, First Vice President, F.F.G.C.  
**Greeting:** Sr. M. Trinita Flood, O.P., President, Barry College. **Welcome:** Miss Rosemond Meriwether, Director District XII. **Response:** Mrs. Dewey R. Villareal, Jr., President, F.F.G.C.  
9:30 "MINIATURES" Mrs. E. Robert Hunter  
10:45 COFFEE IN THE LOGGIA  
11:15 **Presiding:** Mrs. Augustus F. Williams, Jr., Recording Secretary F.F.G.C.  
"INDIGENOUS PLANTS: CONSERVATION BY USE: Mr. George E. Allen

#### P.M.

- 12:30 BOUTIQUE BROWSING  
1:00 LUNCHEON  
2:00 **Presiding:** Mrs. Robert E. Mills, Committee Chairman, F.F.G.C.  
"IMAGERY PLUS FLOWERS" Mrs. John W. Knight, Jr.

#### A.M.

- 8:00 Registration  
9:15 **Presiding:** Mrs. Hugh C. Simmons, Third Vice President, F.F.G.C.  
**Greeting:** Mrs. Dewey R. Villareal, Jr., President F.F.G.C.  
9:30 "GARDENING IN CONTAINERS" Mr. David McLean  
10:45 COFFEE IN THE LOGGIA  
11:15 **Presiding:** Mrs. Edward F. Smithers, Treasurer, F.F.G.C.  
"PLANT IMMIGRANTS" Mr. Paul K. Soderholm

#### P.M.

- 12:30 BOUTIQUE BROWSING  
1:00 LUNCHEON  
2:00 **Presiding:** Mrs. Edward R. Jordan, Second Vice President, F.F.G.C.  
"WHAT'S NEW IN TABLE SETTINGS" Mrs. John W. Knight, Jr.

NOVEMBER/DECEMBER 1977

## INSTRUCTORS:

**Mrs. John W. Knight, Jr.**  
Mary G. Knight, accredited instructor of flower arrangement in the National Council Flower Show Judge School, is a lecturer to garden clubs seminars all over the country. She has served as President of the Ohio Council of Nationally Accredited Flower Show Judges, and was State Flower Show Chairman for three terms for the Garden Club of Ohio. Mrs. Knight was Central Atlantic Regional Chairman of Memorial Gardens for the National Council of State Garden Clubs. She is the winner of numerous awards for her proficiency in design, author of several books, and is an honorary member of Avant Garde Arrangers Guild, and a member of Chapter 54 Ikebana International.

**Mrs. E. Robert Hunter**  
Frances Hunter was born in Alabama and spent her early years in the South. She graduated from Louisiana State University and later attended the University of Munich and the University of Berlin. It was during her residence in Georgia that her interest in horticulture flourished, especially hybridizing iris. A most enthusiastic Horticulture Specialist, Mrs. Hunter is a Past President of West Palm Beach Garden Club and Sunset Garden Club in Miami. A member of the Orchid Society, Bromeliad Society and the Begonia Society, she is presently serving on the F.F.G.C. Board as Chairman of Improved Cultivars in Horticulture.

**Mr. David McLean**  
David McLean, graduate of the University of Miami, is a full time instructor, Botany and Horticulture, Landscape Technology Program, Broward Community College, Fort Lauderdale. He served as a Field

Naturalist for Dade County, a Plant Specialist for the Department of Agriculture Division of Plant Industry, and is owner/manager of a Landscape Design Contracting firm. This, his third consecutive appearance as speaker for Short Course, attests to his versatility and knowledge with plants and his appeal to garden clubbers.

**Mr. Paul K. Soderholm**  
Paul Soderholm, research Horticulturist of the Sub-tropical Horticulture Research Station since 1957, is a graduate of Colorado State University. As a member of the scientific staff of the U.S. Department of Agriculture, his field is special research on tropical and sub-tropical woody ornamental trees and shrubs, and is at present researching and custodian of the gene banks and germ plasma collections. This is an endeavor to preserve the hereditary characteristics for future breeding. The major collection is cacao, rubber, and coffee. Mr. Soderholm is a Miami resident and is active in the Mens Garden Club.

**Mr. George E. Allen**  
George Allen, a South Florida resident for 30 years, is a dedicated conservationist beyond description. A Past President of the Mens Garden Club of Miami and now President of the Florida Chapter of the Nature Conservancy, he has lectured extensively in Dade County. His numerous awards include the Johnny Appleseed Award in 1971 from the Mens Garden Club of America, and the Conservation Award given by the Florida Federation of Garden Clubs, Inc. His effort in promoting the growth and preservation of Native plant material is his proudest achievement and his hope and dream is "Conservation by Use."

## ACCOMMODATIONS:

**HOLIDAY INN:**  
11190 Biscayne Blvd.  
No. Miami, Fla. 33161  
TELEPHONE: (305) 893-4110  
SINGLE ROOM: \$22.00  
DOUBLE ROOM: \$24.00  
One night deposit required by Dec. 1, 1977

**WHITE HOUSE INN** (near Bal Harbour Shops)  
2305 N.E. 123rd Street  
No, Miami, Fla. 33161  
TELEPHONE: (305) 893-8280  
DOUBLE ROOM: \$39.00  
(Extra Cot \$2.00)  
One month advance registration required.

Make reservations directly with hotel.

## DIRECTIONS:

Barry College is easily reached via I-95

**FROM THE NORTH:** use exit at 125th St. Proceed East to Miami Ave., then South to 115th St.

**FROM THE SOUTH:** exit at 103rd Street. Proceed East to Miami Ave., then north to 115 St.

Enter the college grounds from the 115th St. Entrance. Ample parking in designated area.

**FLORIDA FEDERATION OF GARDEN CLUBS, INC.**  
22nd ANNUAL TROPICAL SHORT COURSE  
BARRY COLLEGE, 11300 N.E. 2nd AVENUE  
MIAMI SHORES, FLORIDA 33161

**REGISTRATION FORM**  
**NON-TRANSFERABLE!**

**JAN. 24, 25, 1978**  
**NUMBERED SEATING**

**NO REFUNDS AFTER JAN. 15, 1978**

Name \_\_\_\_\_ Club \_\_\_\_\_ District \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_

Entire Course \$10.00  Tuesday Only \$7.00  Wednesday Only \$7.00

**MAKE CHECKS PAYABLE TO:** F.F.G.C. Short Course '78

MAIL TO: Registration Chairman:

Mrs. James Nunge, 169 N.W. 104th St., Miami, Fla. 33150

Please indicate if you plan to lunch in School Cafeteria. Yes  No

# UNIVERSITY OF FLORIDA SHORT COURSE

by Mrs. Earl H. Killgore  
Short Course, *Chairman*

Now is the time to start making plans for your Spring activities. One activity you won't want to miss is the Short Course, offered by the Florida Federation of Garden Clubs and the University of Florida, Reitz Union, Gainesville.

The course, FLORAL FANTASY, is scheduled from Monday noon, March 20th to Wednesday Noon, March 22nd, 1978. Two days packed with programs by excellent speakers, planned for LEARNING AND GROWING. Other entertainment will also be offered.

Bob Thomas from St. Petersburg will lecture and demonstrate Monday afternoon in his own creative style. He will also give a workshop program Tuesday morning.

Mrs. John W. Knight, Jr. of Cuyahoga Falls, Ohio will speak on Tuesday. Mrs. Knight is the author of two books, "Abstract and Not So Abstract Flower Arrangement" and "Weathered Wood with Flowers." She has lectured in 44 states and Canada and we are indeed fortunate to have secured her.

Mrs. Calvin Flint, Jr. from Batesville, Miss., an expert on Potted Plants will demonstrate her skill with these. Her specialties are Begonias and Ivy.


Patricia Kroh from Sarasota will speak and demonstrate Contemporary Table Settings. Mrs. Kroh has published several books, one by this name.

The University will bring us several of their experts on various phases of gardening, some complete with slides. **THIS IS ONE SHORT COURSE YOU WON'T TO MISS.**

Watch your January and February Florida Gardener for complete details and registration forms. You may also want to write Dr. Robert Black, Rolfs Hall, University of Gainesville, 32611. This will put your name on the mailing list for a program in January or early February.

Room reservations should be made NOW. Several conventions and a large athletic event are taking place that week and space will be at a premium. Following is a list of motels with rooms available, priced double occupancy.

Ramada, 50 rooms .....	\$20.00-23.00
Flagler, 10 rooms .....	\$27.00
Ponderosa Motor Lodge, 36 rooms .....	\$14.00
Holiday Inn, 50 rooms .....	\$20.00-22.00
Plantation Inn, 50 rooms .....	\$22.00-24.00
Rodeway Motel, 50 rooms .....	\$14.00
Howard Johnson, 50 rooms .....	\$19.00



**You CAN Grow Roses  
in Florida . . . . .  
if they're NELSONS!**  
on Rosa fortuniana rootstock (Double-Cherokee)

*Nelsons' Florida Roses*

Route 1, Box 164 • Apopka, Florida • 32703 • Telephone 886-3111  
Member: American Rose Society • Florida Nurserymen & Growers Association

# SEEK '77

by Mrs. Carl Cooney  
*Chairman, Deep South Publicity*

"SEEK '77" was the fifth in a series of environmental conferences for secondary school students held by the garden clubs at Florida Technological University.

The first was the Pilot Conference held in 1972, sponsored by the National Council of State Garden Clubs and Shell Oil Company.

The second was "SEEK '74", sponsored by Shell Oil Company and the Robert O. Law Foundation in cooperation with the Florida Federation of Garden Clubs. This 1974 conference won the Bronze Seal from National Council as one of the outstanding events worthy of national recognition sponsored by a Federation. It also won the Mary Pumilia Public Relations Award for the best publicized garden club event in the Deep South Region.

The third was "SEEK '75" and was sponsored by Shell Oil Company and the Florida Federation. This won the coveted Walt Disney World Community Service Award for the Environment Systems Engineering Institute of FTU and the National Council White Ribbon Special Achievement Certificate.

The fourth conference was "SEEK '76" and was sponsored independently by the Florida

Federation with Shell Oil providing scholarships for additional participants from the other five Deep South states. The red carpet tour of Third Century America at the Kennedy Space Center was the highlight of this conference.

"SEEK '77" was the first regional youth environmental conference. The six states of the Deep South Region received scholarships from Shell Oil Company to send 25 participants each. The presidents of Alabama, Georgia, Florida, Louisiana, Mississippi and Tennessee all attended. Also coming as observers were the directors of the other seven regions of National Council. The Florida Federation provided the staff which included host-hostess students. Each conference has been honored to have the National Council President attend.

From these conferences a total of 467 students and their advisors have received a learning experience equal to a college level short course on the most critical problems facing America today in the field of energy and the environment. "SEEK '77" provided this high level educational opportunity for another 192 participants.



**"Schultz-Instant"**  
**LIQUID PLANT FOOD**  
10-15-10  
Concentrated, High Analysis — All Purpose — 10-15-10 "Starts and Feeds" all Plants Indoors and Outdoors.  
Available at your store or send \$1.00 for 5 1/2 oz. \$2.00 for 12oz (includes mailing).

**"Schultz-Instant"**  
**SOLUBLE FERTILIZER**  
20-30-20  
Concentrated, High Analysis — All Purpose — 20-30-20 crystals. Grows Vegetables, Flowers, Roses, Trees, Shrubs, Lawns, Etc., in Yards, Gardens, Greenhouses.  
Available at your store or send \$6.95 for 5 lb (includes mailing).

SCHULTZ CO. — St. Louis, MO 63043  
COMPARE SCHULTZ ONLY TO A ROSE

# You can count on us.



**Southeast First National Beach Bank**  
222 North Second Street  
Jacksonville Beach, Florida 32250 (904) 249-2323

Member FDIC

# WEKIVA '77 WAS GREAT

Mrs. W. E. Johnson, *Chairman*  
FFGC Wekiva Youth Camp

Was the unusually hot weather the main topic of your conversation this summer? It wasn't at Wekiva, because there were too many good things going on that seemed much more important, though we could match you degree for degree!

The nature program was presented in slightly different fashion this year, much more varied; the crafts program emphasized an Indian theme; fresh water ecology was a part of the waterfront core; evening activities included skits, song fest, Indian dancing, excellent nature movies, and sports contests.

The new pavillion and new crafts-recreation building were big factors in the overall success of the program—it's much easier when each "interest" has its own headquarters!

From Pensacola to the Keys, and all points between, we're still

hearing accolades for Wekiva '77. Why not, when 516 Campers, 32 Garden Clubbers (8 of whom stayed for **two** weeks), and 72 Counselors (senior, junior, in-training, and Aides) lived with nature and enjoyed it so thoroughly?

If you (club/circle) sent a child, have him/her come to a meeting and tell you about Camp; if you didn't send a child, but made a contribution talk to someone who was there to find out how you helped make it great; if you didn't do either, talk to someone who did, and you'll become a believer.

A world of thanks to all of you who sent children, donated scholarships, or sent money for supplies, teaching materials, equipment and miscellaneous purposes. It takes the whole team to come up with a winner, and Florida Garden Clubbers showed a team spirit that's not equalled anywhere!

## FLOWER SHOW SCHOOLS

Mrs. Steve Fritch, *Chairman*  
2910 W. Jean, Tampa 33614

**COURSE I—WEST PALM BEACH**  
Feb. 15, 16, 17, 1978

*Chairman:*

Mrs. James F. Kirwin  
724 42nd St., W. Palm Beach 33407

*Instructors:*

Mrs. Frank Woodruff  
Mrs. Jerome Rosenberg

**COURSE V—GAINESVILLE**  
Jan. 31, Feb. 1-2, 1978

*Chairman:*

Mrs. Tom Glenn  
1717 SW 120 Terr., Gainesville 32601

*Instructors:*

Mrs. Frank Woodruff  
Ms. Kathy Sample

**COURSE V—WINTER HAVEN**  
Nov. 29, 30, Dec. 1, 1977

*Chairman:*

Mrs. Howard Greene  
831 - 17th Terr. NE  
Winter Haven 33880

*Instructors:*

Mrs. Robert Guthrie  
Mr. Bob Thomas

**COURSE V—TAMPA**  
Jan. 17-19, 1978

*Chairman:*

Mrs. Edward Starr  
201 S. MacDill, Tampa 33609

*Instructors:*

Mrs. Jerome Rosenberg  
Mrs. Thomas Ward

The FLORIDA GARDENER

## FOURTH ANNUAL CASTLES AND GARDENS TOUR

22 Days—\$1785.00  
May 19-June 10, 1978

PERSONALLY ESCORTED BY VIRGINIA KNOPKE—FROM TAMPA TO  
TAMPA

ENGLAND—SCOTLAND—IRELAND

(GROUP LIMITED TO 30 PARTICIPANTS)

Our most popular tour, more fabulous than ever! More time in London! The world-famous Chelsea Flower Show! Castles, deluxe hotels and country mansions for overnights!

### INCLUDES

- Trans-Atlantic via National Airlines jet. Return from Ireland via Aer Lingus jet to New York City, and National Airlines to Tampa.
- Surface transportation via private, deluxe motorcoach.
- Deluxe, twin-bedded rooms with private bath.
- Full breakfasts (except continental breakfasts in London).
- Fabulous dinners (except in London and Dublin where your own tastes and choices prevail).
- Marvelously beautiful and interesting sightseeing.
- All entrance fees.
- Portage, service charges and taxes.
- Pre-registration in all hotels, castles and country mansions.
- And **SPECIALS:**
  - Admission to Chelsea Flower Show
  - Boat trip to Garnish Island
  - Scottish Dinner Night
  - Irish Cabaret
  - Medieval Banquet at Knappogue Castle
- Per person, double occupancy. Limited single supplements available. Price subject to change (but not expected).

Mrs. Virginia Knopke  
Suite 103  
Barnett Bank Building  
Tampa, Florida 33602

Dear Virginia:

Please send me more information and an itinerary of the **FOURTH ANNUAL CASTLES AND GARDENS TOUR.**

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

Address: \_\_\_\_\_  
City, State  
and Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_

NOVEMBER/DECEMBER 1977

# STATE LIFE MEMBERS

Mrs. William B. Lemons  
State Life Memberships Chairman

Mrs. Stephen Foster, West Palm Beach Garden Club, by husband  
 Mrs. Laurel Grier, by Tropical Garden Club, Miami  
 Mrs. Wade C. Stephens, by members of District VIII  
 Mrs. Edgar Hays, by Wildflower Club, District VII  
 Mrs. Carl A. Posey, Azalea Circle, Deltona Garden Club, by husband  
 Mrs. T. W. Brown, by the judges of Chipley Garden Club  
 Mrs. R. Emerson Park, Clearwater Garden Club by her sister Gladys Bondurant  
 Mrs. G. C. Greene, Redbud Circle, by Panama City Garden Club  
 Mrs. J. P. Jeremiah, Redbud Circle, by Panama City Garden Club  
 Mrs. Ralph L. Lyerly, by Island Garden Club, Key Biscayne  
 Mrs. S. D. Gustafson, by Garden Gate Circle, Bartow Garden Club  
 Mrs. L. R. Isbell, by Garden Gate Circle, Bartow Garden Club  
 Mrs. T. D. Stephenson, by Jonquil Circle, Garden Club of Jacksonville  
 Mrs. Charles McLeod, by Holden Shores Circle of Orlando Garden Club  
 Mrs. Paul Averitte, by Island Garden Club, Key Biscayne  
 Mrs. Nathan F. Klein, Jasmine Circle, Titusville, G.C., by her husband  
 Mrs. A. A. Keith, by Bimini Circle, North Tampa Garden Club  
 Mrs. Frank J. Hebb, by Garden Gate Circle, Bartow Garden Club  
 Mrs. Jack M. Laurent, by Garden Gate Circle, Bartow Garden Club  
 Mrs. J. L. Sims, by Marianna Garden Club  
 Mrs. Douglas G. McCoy, by Sunnysdale Acres Circle, Tampa Fed. G.C.  
 Mrs. Carl P. Anderson, by Camellia Garden Club, St. Augustine  
 Mrs. Gustave Harrer, Camellia Circle, Gainesville G.C., by friends  
 Mrs. Charles H. Fischer, Sr., Azalea Circle, Panama City G.C., by Dist. II  
 Mrs. N. C. Baitinger, by West Miami Garden Club and friends  
 Mrs. Clare M. Phillips, Jr., by The Garden Club of Winter Haven  
 Mrs. B. Edmund David, by The Garden Club of Winter Haven  
 Mrs. Sidney I. Smith, by The Garden Club of Winter Haven  
 Mrs. J. R. Gotcher, Green Thumb Garden Club, Santa Rosa Beach, by her friend  
 Mrs. R. Dudley Brearley  
 Mrs. R. Dudley Brearley, Green Thumb Garden Club, Santa Rosa Beach, by her husband  
 Mrs. Lester H. Simon, Heights Circle, Tampa Fed. G.C., by her daughter Mrs. Joan O. Johnston  
 Mrs. Robert M. Causey, by Arlingwood Garden Circle, G.C. of Jacksonville  
 Mrs. Cecil Bennett, by Royal Palm Garden Club, Ft. Myers  
 Mrs. J. A. Davis, by Amaryllis Circle, Panama City  
 Mrs. Wallace Ermin, Amaryllis Circle, Panama City G.C. by her friend Mrs. M. S. Culverhouse  
 Mrs. Max A. Musser, Orange Lake Garden Club, Largo, by Past Presidents Mrs. J. J. Savage and Mrs. H. A. Wright  
 Mrs. Wilmer Driver, by Boca Raton Garden Club  
 Mrs. John P. Jordan, by Lake Park Garden Club  
 Mrs. W. Carville Gardner, Holly Circle, Tallahassee Garden Club, by her husband  
 Dorothy Laverne Jones, by Lotus Garden Club, Pensacola Federation of G.C.  
 Mrs. Clifford C. Cyphers, Sr., Indian Beach Circle, Sarasota G.C., by Floralia Chapter 16  
 Mrs. Walter E. Ruhlman, by Sea Grape Garden Circle, St. Lucie Fed., Ft. Pierce  
 Mrs. W. E. Guthrie, by Punta Gorda Garden Club  
 Mrs. Charles Hagn, by Croton Circle of W. Palm Beach Garden Club  
 Mrs. Thurman D. Coy, DeBary Garden Club, by her husband  
 Mrs. Luther Brock, by Brentwood Garden Club, Pensacola  
 Mrs. Penson Hayes Graham, by Jasmine Circle, DeLand Garden Club  
 Mrs. Ira Southward, Garden Club of Sanford, by self

## BIRD SANCTUARY—CITY OF ST. PETERSBURG BEACH



The members of the St. Petersburg Beach Garden Club recently dedicated a bird sanctuary in their city. Shown in the picture are: Mrs. R. V. Eckert, President; Mrs. J. J. Trainor; Mrs. Ralph Bradbeer; Mrs. Joyce Douglass; Mrs. Donald Emehiser; Mrs. F. H. Grant; Mrs. W. C. McCreery and Mrs. Robert Baylies.

### 1977 Holiday Price List

All holly sprays have been hormone treated and are guaranteed to arrive in satisfactory condition. Boxes are shipped air mail, special delivery included in the price below. Sprays are in assorted lengths.

Item No. 101—Bright red berries, green leaves 20" x 8" x 4" size box \$10.00

Item No. 103—Bright red berries with silver edged variegated green leaves 20" x 8" x 4" size box \$10.00

Item No. 105—Mixed Assortment of green and variegated barred sprays 20" x 8" x 4" size box \$10.00

Item No. 107—Mixed assortment of green and variegated berried sprays 36" x 16" x 8" size box \$35.00

**ALL CHRISTMAS HOLLY ORDERS MUST BE IN BY DECEMBER 1st** with CHECK OR MONEY ORDER made out as below. No sales tax in Oregon. No overseas orders except to Hawaii. **Landscape plants also available—Send for free catalogue**

**ROLLER HOLLY FARM**  
Gift Holly for mailing  
& Landscape holly  
p.o. box 3115  
salem, oregon 97302



**NATIVE**  
Shade Trees, Shrubs,  
Wildflowers,  
Trees for home,  
street or subdivisions  
Rare and Familiar Shrubs  
for Home Gardens  
Wildflowers for Spring,  
Summer and Fall

60 Species in Stock  
Inquiries Welcome  
**SALTER TREE FARM**  
CHARLES E. SALTER,  
Owner

Rt. 1, Box 1332 Madison,  
Florida 32340

Phones  
(904) 6312 Madison  
(904) 385-5210 Tallahassee

# WANT SOMETHING NEW FOR PROGRAMS?

by Mrs. Hugh C. Simmons  
*Chairman, Programs*

We have just learned of a new source for programs. The Florida Department of Commerce will send you a packet of information on film available on a variety of subjects. The film is in color, uses a 16 mm sound projector and varies in length from 4:30 to 30 minutes. They are free except for return postage.

The SUWANNEE ADVENTURE is about a canoe trip down the 170 miles of unspoiled natural beauty from north Florida to the Gulf of Mexico. Combine this with another 14 minute film on the Suwannee with emphasis on the Foster Center in White Springs and you should have a delightful program.

If your group is interested in state parks try THE PARK THAT WENT TO SEA. It's about John Pennekamp State Park in Florida's Keys ... or LOOK TO THE SUN ... that's another one on Florida's Parks.

What about forests? Interested in what we're doing about them in Florida? Try FLORIDA'S MODERN FORESTS. It should give you a close look at the modern methods and techniques used in producing wood and its by-products in Florida forests.

... Or, you might be interested in ALLIGATOR—the story of the alligator's flight from refuge from poachers.

You'll find more titles to interest you. This chairman has not had an opportunity to preview the films; although they sound good. Please let us have your opinion after you've used them.

Order the packet of information on film available from: Florida Dept. of Commerce, Film Library, 107 W. Gaines Street, Tallahassee, Fl. 32304.

---

---

The best way to get real enjoyment out of a garden is to put on a wide straw hat, dress in thin, loose-fitting clothes, hold a trowel in one hand and a cool drink in the other, and tell the man where to dig.

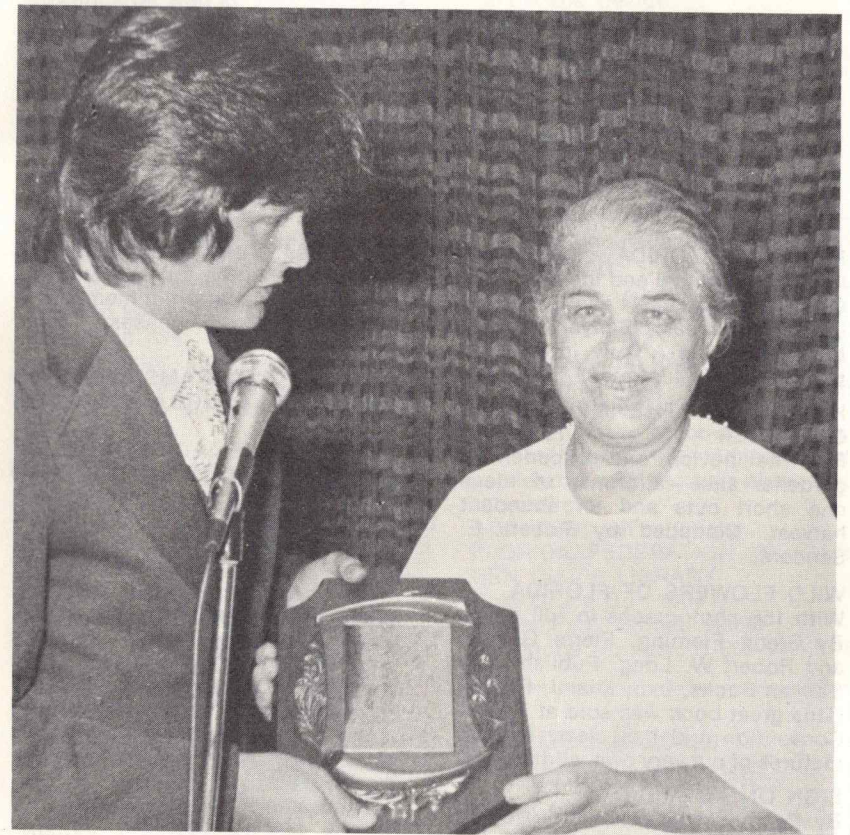
Charles Barr

---

---

## F. F. G. C. CALENDARS

Everyone needs an engagement calendar. Why not a 1978 FLORIDA FLOWER ARRANGEMENT CALENDAR? Christmas is coming. Did you remember to order those extra copies for your friend back home, your neighbor, that special birthday? Any day is a good day to give a gift of our beautiful CALENDAR. The price is only \$1.75 plus tax and 50c postage. Mail your order to: Mrs. Horace Furman, 949 Virginia Ave., Dunedin, Fl. 33528.



GARDEN CLUBBER, OPA-LOCKA'S CITIZEN OF THE YEAR—Mrs. Richard Kelley, Past-President of the Golden Gate Garden Club, Dist. XII, receives award from Mayor William Hartman, Jr.

### CONGRATULATIONS!

Opa-locka's Citizen of the Year award was presented to Mrs. Richard Kelley, Past-President of the Golden Gate Garden Club, by Mayor William Hartman, Jr., at the Annual Awards Dinner held July 3, 1977.

Mrs. Kelley, a resident of Opa-locka for over 25 years, was President of the Golden Gate Club during 1975-77. Under her leadership the club doubled its membership.

In addition to her garden club activities, Mrs. Kelley is active in Girl Scouting and is Resource Chairman; serves as Chairman of Opa-locka's Library Committee and is a member of the library expansion committee.

The Citizen of the Year is interested in city improvement and attends city commission meetings on a regular basis.

**Daffynition:** A committee is a group of the unable designated by the unwilling to do the unnecessary.



# Books and Slides For Your Perusal

by Mrs. Pierre Thompson  
Chairman  
Books, Slides & Library

## NEW BOOKS

### FERNS OF FLORIDA

Illustrated Manual and Identification Guide by Olga Lakela and Robert W. Long. Publisher: Banyan Books, Miami, Florida. A truly informative book, clearly illustrated.

### HINTS FOR THE VEGETABLE GARDENER

For the novice and experienced gardener alike—a primer of ideas and short cuts and an abundant harvest. Compiled by Robert E. Sanders.

### WILD FLOWERS OF FLORIDA

With 156 photographs in full color. By Glenn Fleming, Pierre Genelle and Robert W. Long. Published by Banyan Books, Inc., Miami, Florida (This great book was sold at Tampa Convention and has clear, explicit pictures of our very own wildflowers)

### SIGN ON AMERICA

By Pearl Hand Cockrell, presented to the Tennessee Federation of Garden Clubs, Inc. An excellent book of inspirational poetry for your garden club.

## NEW SLIDES

### OUR GREAT NEW FFGC STORY:

This great new slide program edited by our own dear President will be available by the time we get into action this fall. These slides will depict every phase of Garden Club from its beginning in Florida and shall reflect every aspect of learning and growing together in this worthwhile organization. Contact Headquarters for loan of this slide program.

### FLORAL DESIGN AND CORSAGE

Our new slide program pertaining to Floral Design and Corsage by our own talented Mrs. Frank L. Woodruff, III, shall prove to be most helpful and delightful in its color

and content. This program shall also be available in the fall and one that will greatly educate your members in floral design in all phases.

### ALL SLIDE PROGRAMS ARE BEING REVIEWED, UPDATED AND SKINNIFIED

PLEASE TAKE ADVANTAGE OF OUR GREAT LIBRARY STOCKED FULL OF EVERY PHASE OF GARDEN CLUBBING. WE HAVE SLIDES, BOOKS, FILMS, SCRAPBOOKS FROM YEARS PAST — ALL JUST CATCHING DUST — JUST DROP HEADQUARTERS A NOTE AND YOU SHALL RECEIVE ABUNDANT BLESSINGS BY RETURN MAIL. WE HAVE A GREAT SERVICE THAT IS NOT BEING USED AND IT IS FOR YOU, SO PLEASE DO TAKE ADVANTAGE OF US.

**CARNIVOROUS PLANTS:** Price: \$19.95

OF THE UNITED STATES AND CANADA, by DONALD E. SCHNELL John F. Blair, Publisher, 1406 Plaza Drive, Winston-Salem, North Carolina 27103

Strangely beautiful carnivorous plants thrive in acid bogs, scraggly, savannahs, and brown-water marshes, all of which lack the mineral-rich soil associated with luxuriant plant growth. Their surprising vigor testifies by Nature's remarkable powers of adaptation. Examples are Venus' Flytrap, Pitcher Plants, Sundews, Butterworts and Bladderworts. These and more are beautifully illustrated in color with their complete histories, together with maps showing their habitats and drawings depicting them specifically. They are shown in mass

locations as well as detailed close-ups in brilliant color. The odd beauty of carnivorous plants and the intricacies of their adaptability and digestive processes attract both scientists and laymen. Dr. Schnell gives detailed instructions for preparing a proper environment. He also sounds a warning that environmental depreciation such as draining marshes and filling bogs is threatening the habitats of these curious plants from which man has much to learn. This book is vital to me as an avid Wildflower student and collector. I highly recommend this exceptionally beautiful book for your library or as a treasured gift for a friend.

Reviewed by:

Mrs. Pierre D. Thompson  
Books, Slides and Library chairman

### SLIDE PROGRAMS NOW AVAILABLE

Awards

Birds

Blanche Covington Nature Study

Blue Star Memorial Markers

Conservation of Natural Resources

and Environmental Education

Environmental Quality

Floral Design and Corsage

Garden Therapy: Geriatric, Handi-

capped and Penal Institutions

Historic Preservation and Bartram

Trail

Horticulture (European Gardens)

American Land Trust



## Landscape Design

Wildflowers (slides and films)

As I stated before these are being revitalized and updated and should all be available by this fall.

### RULES FOR CHECKING OUT SLIDES AND BOOKS

1. The only charge to your club—insured postage from Winter Park Headquarters; and return;
2. Loan period—two weeks with renewal of two weeks if desired; if others aren't on waiting list;
3. Prompt return in good condition. Borrower must make good any loss or injury.
4. Statement to accompany request that borrower is a garden club member and the name of her club or circle.

ADDRESS: (all requests)

FLORIDA FEDERATION OF GARDEN CLUBS LIBRARY

Post Office Box 1604

Winter Park, Florida 32790

Telephone Number: 1-305-647-7016

## Idea Books for Christmas Sales

Send for:

\* CREATE WITH CONES \$1.50 plus 25c postage  
Making wreaths, Christmas trees and other holiday decorations. Number

\* CREATE WITH DRIFTWOOD \$1.95 plus 25c postage  
Features your finds from mobiles to jewelry, to sculpture. Number

To

Jeanette B. McCay  
39 Lakeview Lane  
Englewood, Fla. 33533

Your Name \_\_\_\_\_

Address \_\_\_\_\_

Amount enclosed \_\_\_\_\_

## Checkerboard

# Chatter of and about Gardening

### CHRISTMAS CACTUS CALENDAR

November—decrease water to once every three weeks, and allow 12-15 hours of darkness each night.

December—water only once a month, and offer a minimum of four hours of sunlight daily. Night temperature should be no lower than 60°.

### BUILD A BIRDBATH

An attractive birdbath may be made from that lethal yellowing palm stump or beetle-ridden pine that happens to remain as an eyesore in your garden. The depression is made in the stump by burning and cutting (just as the Indians made their dugout canoes). Your finished "bowl" should taper to a maximum depth, in its center, of no more than four inches. The "fire hardened" bowl should last an impressive number of years.

### SAUCER SENSE

Water in plant saucers should always be emptied within an hour after watering to prevent root rot. There's also another reason; saucers left water-filled for days can become breeding grounds for mosquitoes, even indoors.

### TOMATOES IN THE SQUARE

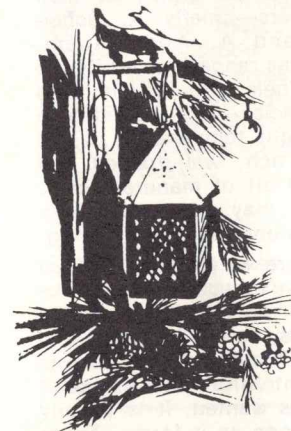
A tomato that is more square than round has been developed in California. The new tomato is reported hardier and more productive than its round sister and will probably emerge in better condition from mechanical harvesting and shipping to cannery because of its shape and rugged skin. The square-shaped tomato could save California farmers about \$20 million a year in reduced transit waste.

### ANNUAL CHRISTMAS HOUSE BAZAAR

December 2, 1977 9:30 AM - 5:00 PM  
December 3, 1977 9:30 AM - 3:00 PM

FEATURING: Crafts of native plant material-Boutique-Plants and more.

The Boca Raton Garden Club  
4181 NW 3rd Avenue, Boca Raton, FL



### RESISTANT POINSETTIA

The poinsettia most resistant to Botrytis disease, according to recent U. of F. tests is the variety Reddy Light. Other resistant ones are Annette Hegg, Supreme Red, Annette Hegg White, Echespoint C-1 Pink, and C-1 White Mikkil Bright Rochford, Mikkil Dawn Rochford and Paul Mikkelsen.

### TENT TIP

A white polyethylene tent can be used in place of a mist system in a greenhouse for rooting cuttings. The tent maintains humidity and allows filtered light to pass through to the cuttings.

### PLASTIC POTS

Clear plastic pots enable you to keep an eye on root health. This may help if you tend to overwater (leading to root rot) or if you have trouble knowing when to repot.

### AN EVENT TO REMEMBER

Be sure to mark the following dates on your calendar:

February 28-March 3. An environmental education workshop will be held during this time at Camp Wekiva. All are invited: men, women, couples, Junior and Senior High School Members. Watch The Gardener for more information.

### TAPING SCALE

A simple way to remove scale from leaves of plants, is to wrap transparent tape around ones index finger, sticky side out. The scale sticks to tape when finger touches leaf.

# ARACEAE

by Mrs. Robert Hunter  
Improved Cultivar Chairman

The Araceae family is large and of infinite variety, yet there are still many species not known in commerce. Not only are the aroids ideally adopted to Florida living, but their surprising toleration of the adverse conditions of apartment living (lack of light and humidity, over and under-watering, etc.) have made them prime favorites in the new plant boom all over the country.

With a few exceptions such as *Aricaeme triphyllum* (Jack-in-the-Pulpit) the members of the araceae family are of tropical origin and therefore well-suited to the gardens and patios of South Florida where they add textural interest and a luxuriance of foliage to our gardens. Elsewhere, even in North Florida, they will need protection from the cold of winter.

The spathe-type bloom of the calla lily is typical of the entire family but although the form is similar the flowers can vary even within one genus (anthuriums) from spectacular to insignificant.

In general the aroids like a loose but highly fertile soil possibly with manure added. High humidity helps to keep the foliage lush and green. Some of the genera tend to push their roots above the surface of the soil and care should be taken to keep these roots covered as much as possible with damp sphagnum moss.

Here are some of the principal genera:

**Aglaonema**—The best-known of these is the Chinese Evergreen (*A. Modestum*). The *Aglaonemas* are among the most tolerant of aroids, surviving in dark or dry conditions much better than most house plants. When the stems become lanky they may be air-layered or the top may be cut off and rooted. After the air-layer or the cutting has been removed the remaining stem may be cut into sections of about four inches and rooted. *Aglaonemas* are also grown from seed. Among the choicer varieties are *A. Pictum*, *A.*

*Costatum* and *A. Oblongifolium*. **Alocasia**—This genus requires a rich fibrous soil with good drainage and a warm humid atmosphere. They can be propagated by seeds, suckers and divisions of the tubers. Among the more striking *Alocasias* is *A. Sanderiana*. *A. Mocrorrhiza* is a variegated form.

**Anthuriums** are among the loveliest of the aroids. There are two main types—those grown primarily for their foliage such as *A. Crystallinum* as well as the large tropical foliage plants such as *A. Huegli*—and those grown for their exotic flowers—chiefly *A. Scherzerianum* and *A. Andraeanum*, whose blooms range from whites to deep reds. Their culture is similar to that of *alocasias*—high humidity, a preferred night temperature in the 60's and a rich, well-drained soil with a good bit of manure added. New plants may be grown from seeds, divisions and air-layering.

**Caladiums** are well-known for their very attractive foliage. In Florida the tubers need not be dug as in the North but may be left in the ground year round. The *Caladium* bloom is insignificant and unless seed production is wanted, it is usually cut off as soon as it forms. These plants have a dormant period but they need a lot of water and fertilizer such as manure when in their period of active growth.

**Colocasias** also need a good bit of water and manure. Their native habitat is often by the banks of streams. They are propagated by seeds, runners and the tuberous varieties of a division of the tubers. *Dieffenbachias* are distinguished by green and white variations of the leaves which can be most striking. They are similar to the *Aglaonemas* but are larger and heavier plants, sometimes growing ceiling high even as an indoor plant. They are easily propagated by the same means as *Aglaonemas*.

**Philodendrons** are one of the largest of the genera in this family. Basically they are of two types: self-heading and climbing. As the term indicates, the self-heading varieties, of which *P. Selloum* is typical, make a regular self-contained plant, which will stay in one spot, though it may grow to a huge size. The climbing varieties, in general, need some support which can range from a tree, to a tree fern totem pole, or a stake covered with sphagnum moss. These plants have many aerial roots which attach themselves to their support and derive some moisture from it, which keeps them from drying out. These roots also make it easier to reproduce the philodendrum from terminal cuttings. The rest of the stem can then be cut into sections and rooted but these sections will produce plants with juvenile leaves whereas the terminal cutting will produce mature leaves. Some of the small leaved varieties such as *P. Micans* will grow well in a hanging basket.

**Scindapsis**—The ubiquitous *Pothos* is a familiar kitchen-window type plant. It is very easy to grow and cuttings will grow in water. Light intensity affects the variegation of the leaves. *Spathiphyllum* is a lovely plant with graceful dark green leaves and white calle-like type blooms

making an effective contrast. It can be grown as a pot plant or where hardy it makes a beautiful border in shade or semi-shade. Choice varieties are *Mauna Loa* with very large leaves and blooms, and *S. Floribundum*, which is a smaller plant with leaves of an unusual velvety texture.

**Syngonium** with its arrow-shaped leaves is easily grown like *Scindapsis* and makes a good basket plant. Where it can be grown in the open air it becomes a rank ground cover requiring strict control.

**Zantedeschia**, the well-known calla lily can be grown in the ground though it is more often seen as a potted plant. The tubers should be covered with an inch or two of soil of acid content. Callas are propagated by offsets and by seeds.

It is surprising that so little has been written in English about this very large and complex family. Dr. M. R. Birdsey's book, "The Cultivated Aroid," to which we are deeply indebted, is almost alone in the field. We must therefore search for magazine articles and look in general works such as *Bailey's* and *Exotica* for more recent information on this exciting family. Fortunately, however, the Araceae have not been neglected by the hybridizers and new cultivars in this family are well worth searching out.



# WHAT'S NEW IN THE LEGISLATURE

by Mrs. Leslie Scharf  
Chairman, Legislative Study

A number of environmentally oriented bills sprang up in the Florida State Legislature this year. Some of them came to fruition in their original form or were nurtured by attached provisions. Some were weakened by overwatering, and some were ploughed under. We thought you might like to have a look at a portion of the final harvest:

## ENDANGERED PLANTS

HB671 expanded Florida's endangered plant list (see your own BOI), prohibiting collectors from going upon private or state property without permission to collect plants for sale or personal use. Unfortunately, enforcement, a major problem, was not spoken to by this bill.

## WETLANDS, DER'S VEGETATION INDEX

HB1142 authorizes the Department of Environmental Regulation to use wetland vegetation species as indicators to define the limit of the agency's jurisdiction to regulate dredging and filling. We now have a definitive law where lakes, rivers and coastal estuaries are concerned.

## KISSIMMEE RESTORATION

SB936 which originally provided 2 million dollars and a clear directive to begin the dechannelization of the Kissimmee River was reduced to \$400,000. It asks Congress for a restudy of the C-38 Canal project to be conducted by the Corps of Engineers. Part of the funding will help efforts to stop agricultural runoff pollutants to stop agricultural runoff pollutants from entering the river systems so vital to the water supply of Southeast Florida.

## SAFE WATER DRINKING ACT

SB575 allows the State of Florida to assume the supervision of drinking water source protection as mandated by the Federal Safe Drinking Water Act. Had this bill not passed, administration of the program would have been under EPA out of Atlanta with less emphasis on enforcement due to a lack of personnel.

## COASTAL ZONE MANAGEMENT ACT & THE COMPREHENSIVE PLAN

SB589 requires the State Comprehensive Plan to be reviewed by the legislature after being approved by the Governor, and requires the Coastal Zone plan to become a part of the State Comprehensive Plan. Since CZM is still at the planning stage, we urge you to acquaint yourselves with this bill. (Copies of bills may be obtained from your local Legislative Delegation).

## LAKE RESTORATION

SB1298 finally gives DER the authority to spend monies provided for the restoration of lakes in Florida which were degraded by eutrophication. Among the criteria are provisions which require the affected counties to adopt regulations to keep the lakes from degrading again by restricting runoff of nutrient laden waters.

## EASTERN MEDITERRANEAN ODYSSEY

21 Days—\$1865.00.

April 1 - April 23, 1978

TOUR PERSONALLY ESCORTED BY VIRGINIA KNOPKE  
FROM TAMPA TO TAMPA

(GROUP LIMITED TO 30 PARTICIPANTS OR LESS)

ATHENS - CRUISING PIPAEUS, MYCONOS, RHODES, HERAKLION,  
SANTORINI  
SALONIKA - SKOPJE - DUBROVNIK - SPLIT - RIJEKA - VENICE - FLORENCE -  
ROME

## INCLUDES

Trans-Atlantic via KLM Royal Dutch Airlines jet.  
Three days Greek Island Cruise  
First class hotels, twin-bedded rooms with private bath.  
Continental breakfast and lunch or dinner.  
Sound and Light performance in Athens.  
Gala Farewell Dinner in Rome.  
All entrance fees.  
Porterage, service charges and taxes.  
AND VERY SPECIAL PLACES AND EVENTS TO BE SELECTED  
Per person, double occupancy. Limited single supplements available.  
Price subject to change (but not anticipated).

Mrs. Virginia Knopke  
Suite 103  
Barnett Bank Building  
Tampa, Florida 33602

Dear Virginia:

Please send me more information and an itinerary for the fabulous  
**EASTERN MEDITERRANEAN ODYSSEY**, departing April 1, 1978.

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

Address: \_\_\_\_\_  
City, State  
and Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_

# FLOWER SHOW CALENDAR

Mrs. D. O. Foshee, Sr., *Flower Show Chairman*  
9744 Scott Mill Road  
Jacksonville 32217

(Please register your shows with this chairman)

1977:

- November 1, Chipley, BEAUTY IN OUR WORLD, Chipley Garden Club at the Occupational Center, Chipley, Chr. Mrs. Geo. Horne, Rt. 1, Box 175, Chipley
- November 10, Lakeland, PARTY TIME—Garden Club of Lakeland at Garden Center, 802 E. Orange St.
- November 11-12: Miami, SENTIMENTAL JOURNEY, Norwood Garden Club at United Methodist Church, 885 N.W. 195th St.
- December 1, Chipley, LEARNING BY GROWING, SHOWING AND SHARING—a Youth Show sponsored by Chipley Garden Club at Agriculture Center, Chipley—Chr. Mrs. Geo. Horne, Rt. 1, Box 175, Chipley
- December 3-4, Jacksonville, A DAY OF MAGIC, Garden Club of Jacksonville at the Garden Center, 1005 Riverside Avenue 32204, Chr. Mrs. Jos. Blake, Jr.

1978:

- January 21-22, Plantation, PARADE OF HOLIDAYS—Deicke Auditorium and Community Center, 5555 Palm Tree Road, Plantation
- February 19-20, Stuart, NATURE'S BOOKSHELF, Garden Club of Stuart, Martin County Library, 701 East Ocean Blvd., Stuart
- March 8, Winter Park, SPRING '78, Winter Park Garden Club at Garden Center, Chr. Mrs. Jo Stone, 624 Balmoral Rd., Winter Park 32789 at Winter Park Garden Center
- March 10, Hollypod, Spring Flower Show, Hollywood Garden Club at Garden Center
- March 18, Lighthouse Point, SPRING FLOWER SHOW, Seagrape Garden Club
- March 18-19, Sarasota, SPRING FLOWER SHOW, Sarasota Garden Club
- March 23, Chipley, THE WAY WE WERE, annual Spring Flower Show, Chipley Garden Club, at the Woman's Club of Chipley, Chr. Mrs. Hubert Cope
- March 31-April 1, Bradenton, 1978 SPRING FLOWER SHOW, Manatee River Garden Club, Garden Center, Bradenton
- March 31-April 1, 2, THIRD CENTURY . . . COLOR AND DESIGN, Metropolitan Miami Flower Show, Hialeah Race Track
- April 1-2, Palatka, SPRING FLOWER SHOW, Garden Club of Palatka at Garden Center
- April 4-5, Clearwater, AMERICANS IN PURSUIT OF HAPPINESS, Clearwater Garden Club, Garden Center, Chr. Mrs. E. H. Smith, 201 S. Osceola Ave.
- April 7-8, Gainesville, LET'S APPRECIATE, Gainesville Garden Club in the Gainesville Mall, Chr. Mrs. M. A. Brooker Jr., 924 N.W. 18th Terr. 32605
- April 8-9, Bartow, SPRING FLOWER SHOW, Bartow Garden Club, Bartow Civic Center
- April 8-9, Apopka, FLOWERS FOR MY LADY, Apopka Garden Club
- April 8-9, Winter Haven, A SPRING FLOWER SHOW, Winter Haven Council of Garden Clubs, Garden Center, Chr. Mrs. W. B. Lemons, 1330 E. Lake Cannon Dr.

The FLORIDA GARDENER

- April 12-13, Punta Gorda, A WORLD OF ART AND FLOWERS, Punta Gorda Garden Club, Charlotte Civic Center, Chr. Mrs. O. Simpson, Jr., Str. Rte. A, Box 43-b, Punta Gorda
- April 14, Pompano Beach, SPRING SHOW, Pompano Beach Garden Club
- April 15-16, Lakeland, FLOWERS ALA MOOD, Garden Club of Lakeland at Garden Center, 802 E. Orange St.
- April 15-16, Rockledge, WITH A SONG IN YOUR HEART, Cocoa-Rockledge Garden Club, Garden Center, 1493 S. Fiske Blvd., Rockledge, Coordinator, Mrs. Geo. Wells, 1600 Manor Dr., Cocoa
- April 22-23, Coral Springs, SPRING FLOWER SHOW, Coral Beach Garden Club

## DON'T DELAY—DO IT TODAY

At the headwaters of the St. Johns River between Titusville and Orlando there is a 28,000 acre area of unspoiled wilderness recently purchased by the State of Florida under the Environmentally Endangered Lands Program.

The Florida Cabinet is considering opening this ecological gem to the hunting, timber and cattle interests of the state.

Write to Tallahassee **today** and voice your opinion on saving this area known as Tosohatchee.

### State of Florida Cabinet

Hon. Reuben Askew, Governor  
Hon. Bruce Smathers,  
Secretary of State

Hon. J. H. Williams, Lt. Governor

Hon. Ralph Turlington,  
Secretary of Education

Hon. Doyle Connor,  
Secretary of Agriculture

Hon. Gerald Lewis,  
State Comptroller

Hon. Bill Gunter,  
State Treasurer

Address all to:

The Capitol  
Tallahassee, Fla. 32304



NOVEMBER/DECEMBER 1977

U.S. POSTAL SERVICE STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION (Required by 39 U.S.C. 3685)		
1. TITLE OF PUBLICATION <b>THE FLORIDA GARDENER</b>	2. DATE OF FILING <b>Oct. 1, 1977</b>	3. FREQUENCY OF ISSUE <b>bi-monthly, 5 times /yr.—Sept.—May</b>
4. LOCATION OF HEADQUARTERS OFFICE OF PUBLICATION (Street, City, County, State and ZIP Code (Not printer)) <b>8250 SW 115 Street, Miami, FL 33156</b>	5. ANNUAL SUBSCRIPTION PRICE <b>\$12.00</b>	6. NUMBER OF COPIES <b>65 members</b>
7. LOCATION OF HEADQUARTERS OF GENERAL BUSINESS OFFICES OF THE PUBLISHERS (Not printer) <b>1400 S. DeSoto Drive, Winter Park, FL 32789</b>		
8. NAMES AND COMPLETE ADDRESSES OF PUBLISHER, EDITOR, AND MANAGING EDITOR		
PUBLISHER (Name and Address) <b>Editor Mrs. Roger Beattie, 8250 SW 115 Street, Miami, FL 33156</b>		
MANAGING EDITOR (Name and Address) <b>Publisher The Florida Federation of Garden Clubs, Inc. PO Box 1604, Winter Park, 32790</b>		
9. OWNER (If owned by a corporation, its name and address must be stated and immediately thereunder the names and addresses of stockholders owning or holding 1 percent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual must be given.)		
NAME <b>Florida Federation of Garden Clubs, Inc.</b> ADDRESS <b>1400 S. DeSoto Dr., Winter Park, 32789</b>		
10. KNOWN BONDHOLDERS, MORTGAGEES, AND OTHER SECURITY HOLDERS OWNING OR HOLDING 1 PERCENT OR MORE OF TOTAL AMOUNT OF BONDS, MORTGAGES OR OTHER SECURITIES (If there are none, so state)		
NAME ADDRESS		
NONE		
11. FOR COMPLETION BY NONPROFIT ORGANIZATIONS AUTHORIZED TO MAIL AT SPECIAL RATES (Section 132.122, PSN) The purpose, function, and nonprofit status of this organization and the exempt status for Federal income tax purposes (Check one)		
<input checked="" type="checkbox"/> HAVE NOT CHANGED DURING PRECEDING 12 MONTHS <input type="checkbox"/> HAVE CHANGED DURING PRECEDING 12 MONTHS (If changed, publisher must submit explanation of change with this statement.)		
12. EXTENT AND NATURE OF CIRCULATION	AVERAGE NO. COPIES EACH ISSUE DURING PRECEDING 12 MONTHS	ACTUAL NO. COPIES OF SINGLE ISSUE PUBLISHED NEAREST TO FILING DATE
A. TOTAL NO. COPIES PRINTED (Net Press Run)	30,458	30,342
B. PAID CIRCULATION		
1. SALES THROUGH DEALERS AND CARRIERS, STREET VENDORS AND COUNTER SALES	NONE	NONE
2. MAIL SUBSCRIPTIONS	29,978	28,961
C. TOTAL PAID CIRCULATION (Sum of B1 and B2)	29,978	28,961
D. FREE DISTRIBUTION BY MAIL, CARRIER OR OTHER MEANS (SAMPLES, COMPLIMENTARY, AND OTHER FREE COPIES)	217	167
E. TOTAL DISTRIBUTION (Sum of C and D)	30,195	29,128
F. COPIES NOT DISTRIBUTED		
1. OFFICE USE, LEFT OVER, UNACCOUNTED, SPOILED AFTER PRINTING	263	1,214
2. RETURNS FROM NEWS AGENTS	NONE	NONE
G. TOTAL (Sum of E, F1 and F2—should equal net press run shown in A)	30,458	30,342
11. I certify that the statements made by me above are correct and complete.		
SIGNATURE AND TITLE OF EDITOR, PUBLISHER, BUSINESS MANAGER, OR OWNER <b>Monica H. Beattie</b>		
12. FOR COMPLETION BY PUBLISHERS MAILING AT THE REGULAR RATES (Section 132.121, Postal Service Manual)		
39 U.S.C. 3626 provides in pertinent part: "No person who would have been entitled to mail matter under former section 4209 of this title shall mail such matter at the rate provided under this subsection unless he files annually with the Postal Service a written request for permission to mail matter at such rate."		
In accordance with the provisions of this section, I hereby request permission to mail the publication named in item 1 at the special postage rate provided authorized by 39 U.S.C. 3626.		
SIGNATURE AND TITLE OF EDITOR, PUBLISHER, BUSINESS MANAGER, OR OWNER <b>Monica H. Beattie</b>		
PS Form 3526 (Rev. 11) (See instructions on reverse)		

# CHRISTMAS 1977 AT THE FLORIDA MANSION

by Mrs. Page S. Jackson, *Chairman*  
Christmas Mansion Committee  
December 1977

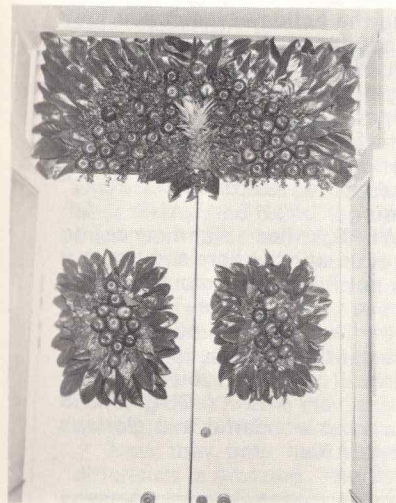


Exciting plans are underway for decorating the Mansion for Christmas 1977. This year Governor and Mrs. Askew are having "open house" on December 11 from 2 to 4 p.m. and everybody is invited to come and see all of the Christmas decorations in the Mansion. Featured will be a special Florida Christmas Tree, asking each of the 67 counties to send two ornaments to be hung on the tree.

The present Governor's mansion of red brick, completed in 1957, is a mixture of Georgian and Colonial architecture and was designed by Sims Weyth of Palm Beach, after

"The Heritage," Andrew Jackson's home near Nashville, Tennessee. It is built to last three hundred years. It is fitting that General Jackson's home was selected to be copied since he was the first American appointed as the Governor of Florida after Florida was acquired from Spain in 1821. It is surrounded by beautifully landscaped lawns and gardens. Large live oaks surround the dwelling. Azaleas, camellias, and roses border the broad sweep of the front lawn. The large circular drive is made of old paving bricks shipped to Tallahassee when the old trolley tracks were removed from Tampa.

The FLORIDA GARDENER



The plans for Christmas 1977 decorations to be used in the mansion are as follows:

Each window in the mansion will be decorated with a noble fir wreath suspended from a four-inch-wide red velvet ribbon.

The front entrance doors will each have a rectangular design of magnolia leaves, boxwood and shiny red fresh apples. Over the doors in the transom the design will be a large fresh pineapple resting on magnolia leaves under four half circles of fresh red apples framed with boxwood and magnolia leaves.



At the entrance to the foyer, a large design in front of the mirror, will be of magnolia, cedar, English green holly and variegated holly and will be flanked on each side of the large brass bowl by brass candlesticks with tall red candles. The six sconces around the foyer will have English green holly and a simple narrow red velvet ribbon bow.

NOVEMBER/DECEMBER 1977

The Christmas tree will be in the state reception room. It will be a tall tree traditionally decorated with all kinds of ornaments handed down through the years at the mansion, as well as strings of cranberries and popcorn.

The mantel will feature a beautiful ivory-colored Madonna backed with wheat and trimmed pine, with three large red roses on the right and holly at the base. The rest of the mantel will be banked with English green holly and brass candlesticks with tall red candles.

In the state dining room the tier table will be decorated with a fresh apple pyramid topped with a small pineapple. Cedar and holly will line the base and the other two tiers of the table will have flat arrangements of cedar and holly.

The dining table will have a large oval arrangement of greens, small pine cones, sweet gum balls, fresh oranges, apples, lady apples and pears. Many red candles of various

heights will be used within the oval design. Near both ends of the long table the designs will be repeated on a much smaller scale.

Added magnolia, red poinsettia and holly will be used where it will be most effective.

If you are visiting the mansion during the holiday season you may well be surprised to find a gay red velvet ribbon and a piece of holly swinging away on the pendulum of the fine old grandfather clock which bears the name of its New England maker!

Truly the word "FLORIDA," meaning, "THE LAND OF FLOWERS," has significance to each of us who live here and love our State but it has even more meaning to those of us in The Tallahassee Garden Club who thoroughly enjoy working with flowers.

Each of us wish you and your family a very MERRY CHRISTMAS and a most wonderful and glorious NEW YEAR!

## FOR NEW FLORIDA GARDENERS

by Mr. Nathan F. Klein  
*Horticulture-Education Chairman*

Now that many months and a Spring and Summer have passed since the "Big Freeze" of last winter, there is time to wonder about the what and why effects on some plants and trees. Some of the differences to plants of the same family belie explanation.

The fact that practically every garden shop and nursery always has Pony Tails (*Beaucarnea Recurvata*) makes one assume they are popular plants in Florida. Perhaps most people keep them in pots in their homes or in very well protected places. There are, however, many Pony Tails planted in beds and grown outdoors, yet, on the freeze damage reports received so far there are very few mentions of Pony Tails. Advice from many neighbors and friends in our coastal area of Central Florida concurred that all leaves were burned off by the frost. Many also found the bulbous tubers soft and rotting, so they removed them from their habitat.

Following the previous comments on patience in this column, the burned off leaves were trimmed in late Spring, and then I patiently waited the results. Now, they are unusual to say the least. Our larger Pony Tail has a bulb about 15 inches in diameter with a trunk over two feet high. The smaller one has a bulb diameter of about six inches and though the small trunk has only four inches, the leaves had been so lush that they arched at least two feet high before bending back toward the ground. Both were planted in the ground with similar protection from the elements.

Now they both have developed beautiful new multiple growth, but the difference is amazing. The larger one has sprouted five new heads of leaves near the top of the trunk as shown in Figure 1. The smaller one has grown six new heads of leaves, but growing from the bulb itself as shown in Figure 2.

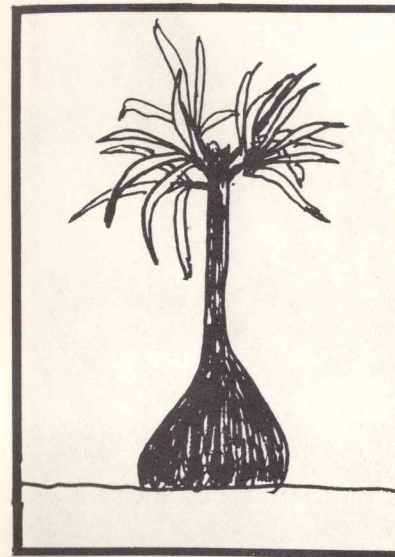


Figure 1

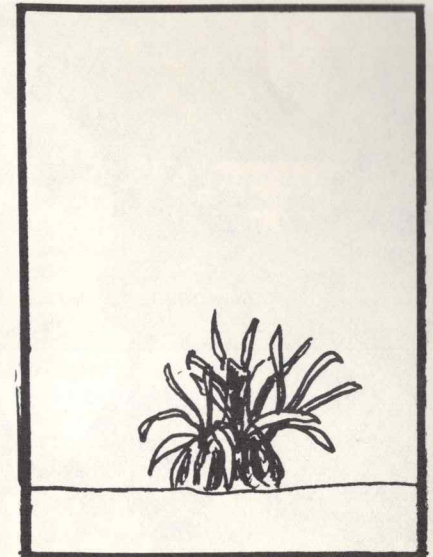


Figure 2

We are looking forward to favorable weather and living enough years to watch the fascinating growth of these two plants.

NOVEMBER/DECEMBER 1977

27

*Cypresswood*



State Road 542  
One Half Mile West of Hwy. 27

A Golf and Country Club Planned Unit Development  
**TOTAL COMMUNITY LIVING**  
Condominiums—Single Family

**JOHN G. WOOD & ASSOCIATES, INC.**

409 E. CENTRAL AVENUE  
WINTER HAVEN, FLORIDA 33880

PHONE 813-294-7681

The FLORIDA GARDENER

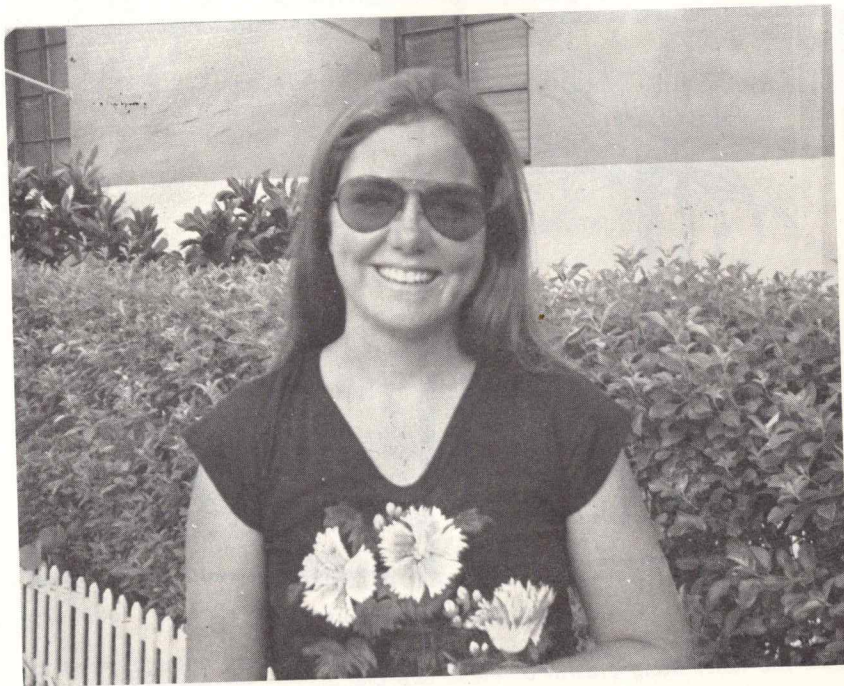
# KEEPING UP TO DATE WITH SCHOLARSHIP WINNERS

by Mrs. Sidney R. Davis

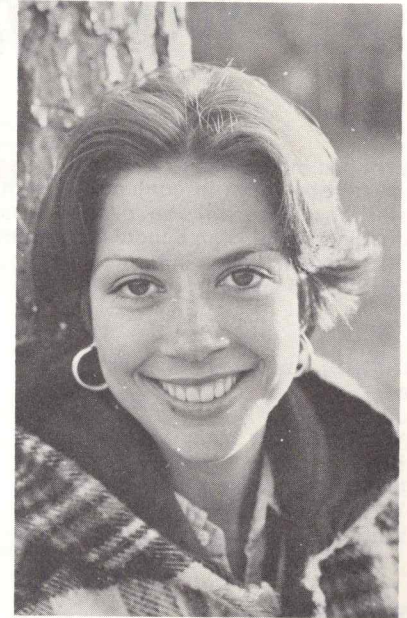
**Dori Karl**, Key West former HSGU member of **Go Green** recently won a NCSGS \$1500 scholarship at convention in Kansas City. She plans to enter Yale graduate school in September where she will work on her master's degree in Forest Science. Dori is the recipient of FFGC's Elizabeth McCullaugh Scholarship of \$1000 awarded to high school gardeners and the Taylor R. Alexander Scholarship in Biology for \$1000. She is a graduate

of the University of Miami, where she majored in Plant Community Ecology. During high school she was a leading force in the on going restoration efforts to preserve Key West Botanical Gardens; she was co-chairman of the first environmental youth conference now known as SEEK; was a counselor at FFGC's Youth Camp at Wakiva. Besides all these activities, she enjoys pen and ink illustrations and sewing. Dori leads in everything!

\* \* \*



The George Morrison Scholarship in Landscape Architecture for \$1000 has been awarded to **Maria Christina Gurucharri** of Coral Gables. Maria is attending University of Florida in Gainesville where she plans to study for her degree in Landscape Architecture. She received some of her early training in Spanish schools and attended the University of Madrid for one year. She has traveled extensively with her parents who were in government service. Maria is dedicated to the field of landscape design and expects to make substantial contributions through creative and innovative work when out of school.



**Sandra Leigh Nicholson**, 19, or Orlando, was awarded the Elizabeth McCullaugh Scholarship and is attending Valencia Community College of that same city. Sandra, former member of Robinswood High School Gardeners, served for many years as Dixie Shamrocks 4H Club president; served as counselor at Wakiva Youth Camp; won many top awards in flower shows; attended 2 SEEK conferences; attended 1975 state convention where she accepted award for work in conservation; was editor of Orange County 4H Newsletter and was copy editor for yearbook staff during senior year in high school. Her achievements are far too numerous to mention. Sandra plans to continue her college career majoring in English and Communications.



# YOUNG PEOPLE'S PAGE

It is hoped in each issue to contribute some environmental ideas that might be used by our youth in conjunction with various garden clubs that work with them. The page will be divided according to age groups: Juniors, Intermediates, and High School Gardeners. Please feel free to send in your ideas for possible inclusion in future issues of The Gardener to: Mrs. Roger Beattie, 8250 SW 115 Street, Miami, 33156.

**JUNIORS:** (pre-school through sixth grade)

Riddle:

You can never really see me,  
But you can see the things I do.  
In March I make many breezes,  
To fly your kite for you  
What is my name?

**Are You Aware?**

Go outside and lie down on your back under a tree. Describe the following: Branches moving. Birds or animals moving in the trees. Noises of the wind in the branches and leaves. Clouds as they show through the branches and leaves. List as many ways as you can that man might change what you saw and heard. List ways we can prevent others from destroying what you like about what you saw.

**INTERMEDIATES:** (7th, 8th and 9th grades)

**Soil Particle Size**

Divide your group into small sections. Give each group a quart jar approximately three-fourths full of water. Assign each group a different area of the campus or garden to sample for soil particle size. Students should collect 4 tablespoons of soil from their sampling site. Place the soil in the jar of water and shake vigorously and then allow the particles to settle. It may take overnight to get complete settling (1/4 teaspoon of alum and a teaspoon of household ammonia will speed up the process).

Measure each layer and calculate the percent each layer is of the whole. Compare soils from different areas of the campus or garden. Why do some areas differ?

**HIGH SCHOOL GARDENERS:** (10th, 11th, and 12th grades)

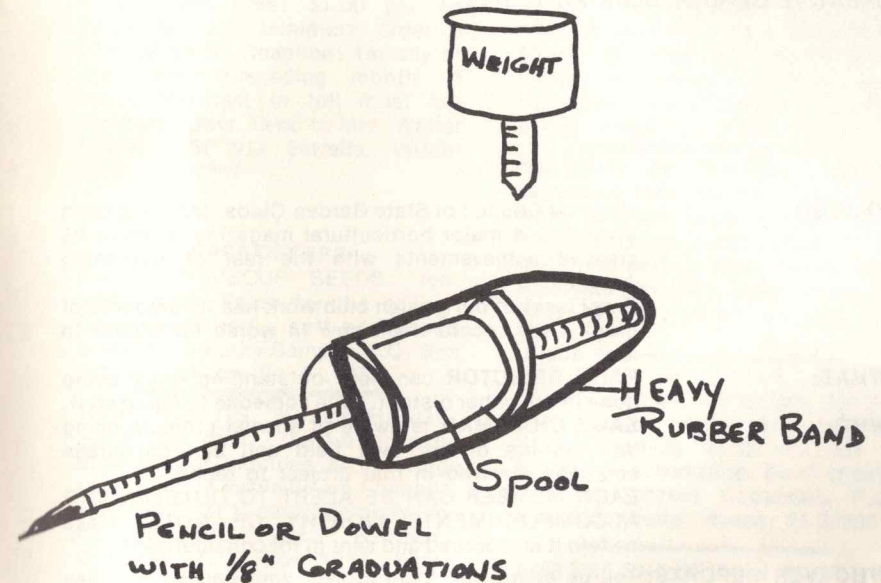
**Soil Compactness**

Have groups of students build simple soil compactness testers and then determine the degree of soil compactness throughout the campus. A pencil or sharpened dowel, a large spool, and a heavy rubber band will be needed to construct the soil tester. Mark the pencil every eighth of an inch so that it can be used to measure force.

The pointed end of the apparatus should be placed on the soil to be tested. By pushing down on the spool, the pointed stick will penetrate the soil. The student should record the number of marks the spool moves. A map can be made showing the areas tested. Notes should be kept about each test site. Such things as type of vegetation, exposure to sun or shade, rocky, sandy, or mixed soil should be recorded. Try to discover why some soils are more compact than others. Do people walk on the soils tested? Is the soil around an anthill as compact as that in the anthill? What roles do ants, worms, and other insects play concerning soil compactness?

The FLORIDA GARDENER

## SOIL COMPACTNESS APPARATUS



## OLD OR INCORRECT ADDRESS

You **must** include 25c with each address change  
Please attach last mailing label

NAME: \_\_\_\_\_ Club Code: \_\_\_\_\_

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

City: \_\_\_\_\_ Zip: \_\_\_\_\_

## NEW ADDRESS

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

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

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Do you plan to continue your membership in your present club? \_\_\_\_\_

**Mail to The Florida Gardener, 9735 SW 138 Street, Miami 33176**

NOVEMBER/DECEMBER 1977

# WANTED

YOUR AUTHENTIC FIRST HAND STORIES OF  
CREATIVE GARDEN CLUB ACTIVITIES

- REASON:** National Council of State Garden Clubs, Inc., has been invited by a major horticultural magazine to share its creative achievements with the rest of gardening America. Every facet of our garden club work has its amounts of glory. Let's record them now in words for others to read about.
- WHAT:** **EACH DIRECTOR** can note outstanding work being done in his or her district. Urge **someone** to report on it.
- WHO:** **EACH CHAIRMAN** is aware of special projects being done in his or her own field and can encourage **someone** involved in that project to report. **EACH MEMBER CAN BE ALERT TO OUTSTANDING ACCOMPLISHMENTS WORTHY OF NOTE.** Make certain it is recorded and sent in for consideration.
- WHOEVER REPORTS:** Tell us about that local project **your** garden club has labored over and finally completed or is well on its way. (It might be done by a group of clubs, an individual member or the whole state.)
1. What were the goals?
  2. What were the obstacles?
  3. How many worked? (Figures, please)
  4. How long did it take? (Dates, please)
  5. What was the result? (Facts, please)
  6. How did it affect the community?
- [NOTE: Award winning entries may be briefed and sent in. However, a project need not have earned any award at all to be considered.]
- HOW:**
1. Type it—so we can read it correctly.
  2. Keep it brief. A paragraph or a single page at most. If we need more, or clarification, or a picture, we will write for it.)
- WHEN:** NOW! Also next week. And in months to come. Let's give this Editor a rich sampling of what we are doing so all America can read about our garden clubs at work in F.F.C.G.
- WHERE:** Please address all correspondence to: Mrs. Robert M. Kosanke, 12085 Applewood Knolls Dr., Lakewood, Colo. 80215
- When stories are accepted notify: Mrs. Wilbur A. Stone, Publicity Chrm., 8640 S.W. 108 Street, Miami, FL 33156
- WE ARE CREATIVE. LET'S TELL AMERICA ABOUT IT.**

The FLORIDA GARDENER

# CLASSIFIED ADVERTISING

Rates: One time: \$1.00 per 40 character line. Minimum order 5 lines @ \$5.00. Deadline: 1st day of the month preceding month of issue. Payment in full must accompany order. Send to Mrs. Walter Neals, 1251 Via Estrella, Winter Park, FL 32789

## FREE OFFERS

**NATIVE HIBISCUS SEEDS:** red, white, pink. Yours for the asking. Send stamped, self-addressed envelope to Kathy Sample, P.O. Box 23171, Jacksonville, FL 32217

**HAVE PLANTS TO EXCHANGE:** Send stamped, self-addressed envelope for inquiries and postage costs. Plants available are Clematis, Ruellias (3 var.), partridge berry, red honeysuckle. Mrs. Raymond Goodwin, P.O. Box 1053, Eustis 32726



## WANTED

**WANT YELLOW LOTUS SEEDS\*** Nelumbo lutea. Mrs. John Pace, Mocassin Slough, Orange Park 32073

**WANTED: IDEAS FOR PROGRAMS.** Send information to Mrs. Hugh Simmons, P.O. Box 13686, Gainesville 32604. She will send you a note and a smile.

**NOTE TO GARDEN CLUBBERS:** Your ad for tours, shows, sales, Christmas specials should be running here. A good buy for any advertisement.

NOVEMBER/DECEMBER 1977

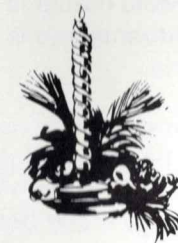
## BOOKS

"PORTS O' CALL" hard back book \$3.95. Exciting 5 month world voyage on Chinese ship. Send check to author Eleanor Christine Reeder, 614 E. Ridge Dr., Miami, FL 33157

"GARDEN IN FLORIDA" quality paperback tells you what to do and what to plant each month. From bookstores and garden shops or by mail from author: **Mary Noble, 3003 Riverside Ave. [FF], Jacksonville, FL 32205. \$3.95 plus 30c postage and 16c tax.**

**CYPRESS GARDENS COOK-BOOK**—A great Christmas gift for that special friend. 310 pgs. of Florida cooking. \$5.72 incl. tax + 50c postage/handling. Send check: Cypress Gardens Cookbook, P.O. Box 373, Winter Haven, FL 33880

**FOR THE CHILDREN IN YOUR LIFE** ... "EDDIE ELF" writes letters to children each month. The letters are illustrated and a small surprise is enclosed. This gift is fun, educational and long lasting. Send the child's name (suggested ages 3-5), address, birthday and \$9.50 for a year's subscription to EDDIE ELF, Box 999, Palm Beach, Florida 33480

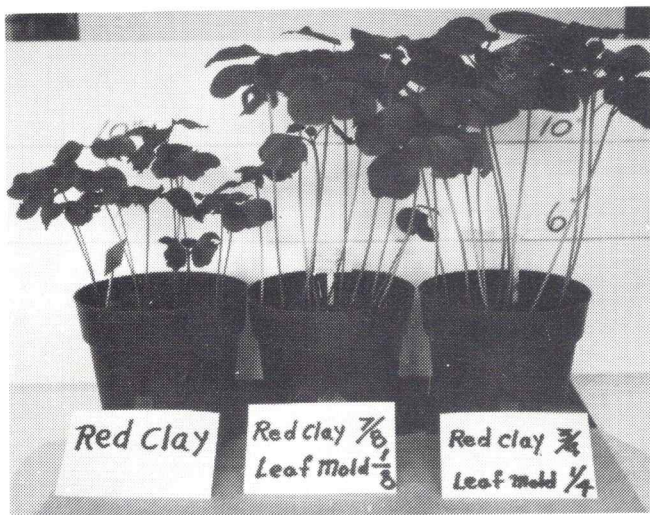


**FOR EACH OF YOU WE WISH A JOYFUL, MEANINGFUL HOLIDAY SEASON AND A NEW YEAR RICH IN LOVE AND PURPOSE.**

Jean Villareal

**Postmaster:**  
Please mail form 3579 to  
The Florida Gardener  
9735 SW 138 St.  
Miami, FL 33176

## Get Growing With Ekol Leaf Mold



Ekol Leaf Mold, the finest growing and rooting medium anywhere, is an almost pure form of humus. Ekol Leaf Mold contains no artificial constituents and is completely organic.

As shown, when mixed with Georgia red clay, using as little as 10 to 15% leaf mold, these seedlings made better growth.

Ekol Leaf Mold suppresses damping-off of seedlings. Mix Ekol Leaf Mold with your soil. It needs no expensive fertilizer, perlite, vermiculite or peat moss to grow beautiful plants. A four quart bag mixed with eight quarts of your favorite potting medium will give you twelve quarts of the finest potting medium available anywhere today!

To order yours, send \$3.50 to:  
**THE EKOL CORPORATION**

Post Office Box 297  
Ocala, Florida 32670

(Florida residents add 4% sales tax)