

April-May-June, 1971

**THE**

# florida

**GARDENER**



# Calendar of Events

## ANNUAL PRESIDENTS' CONFERENCES

X Stuart	May 26	VI Titusville	June 4
XI Hallandale	May 27	V Lake Weir	June 7
XII Miami	May 28	IV Jacksonville	June 8
IX Bartow	June 1	III Perry	June 9
VIII Tampa	June 2	II Bonifay	June 10
VII Conway-Orlando	June 3	I Pensacola	June 11

## ANNUAL DISTRICT MEETINGS

XII	Oct. 13	VI Deltona	Oct. 21
XI Hollywood	Oct. 14	V Ocala	Oct. 22
X Ft. Pierce	Oct. 15	IV	Oct. 25
IX Le High Acres	Oct. 18	III Tallahassee	Oct. 26
VIII Tampa	Oct. 19	II Port St. Joe	Oct. 27
VII	Oct. 20	I Pensacola	Oct. 28

## COMING EVENTS

May 1	State Bird Day
May 16-20	NCSGC Convention, Americana Hotel, Bal Harbour
May 20	Florida Council of Flower Show Instructors, Americana Hotel
May 21	State Convention, Americana Hotel, Bal Harbour
May 22	Florida Council of Flower Show Judges, Americana Hotel
Mid-June	Conservation Teachers Workshop, Florida Southern College, Lakeland
Mid-June	Conservation Teachers Workshop, Pine Jog Educational Center, Florida Atlantic University
June 23-25	Short Course—University of Florida, Gainesville
July 25-August 8	Junior Nature Camp

## BOARD MEETING

May 20 — 4:00 P.M. — Americana Hotel



## THE FLORIDA GARDENER

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

HEADQUARTERS: 1400 S. Maitland Avenue,  
Winter Park, Florida  
Mrs. Maurice S. Dillingham, President

Volume 19                      1971                      Issue 4

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Panama City 32401
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Tallahassee, 32301
- IV. Mrs. Sam G. Vercoe, P.O. Box 103,  
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Lakeland 33803
- X. Mrs. Lloyd Hundley, 1251 Bacon Pt. Road,  
Pahokee 33476
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Lauderdale-by-the-Sea 33308
- XII. Mrs. Sally Rahm, The Manors Apt. III,  
747 N.E. 61st St., Miami 33137

DEADLINE  
SEPTEMBER/OCTOBER ISSUE  
Editorial July 15  
Advertising August 1  
Circulation August 20

## COVER STORY

Our cover, a branch of the Jacaranda Mimosifolia, was photographed by Jack Parsons a high school student in District XI. It is one of the many kinds of trees used in the landscape of the Turnpike Authority in Fort Lauderdale.

"If the Jacaranda trees are blooming, it is a sure sign of May Day in Florida and southern California, for these lovelies of blue-flowered beauties, spreading their soft haze over the horizon, provide an unforgettable spectacle. Jacaranda trees flower better in central Florida, on a line between Melbourne and St. Petersburg, than they do in the southern end of the state. Rarely does a Jacaranda exceed 40 feet in height. Highly ornamental even when not in flower, it is used extensively as a street tree in Johannesburg, South Africa; Grafton, New South Wales; Los Angeles, California and in St. Petersburg, Tampa, and Avon Park, Florida." FLOWERING TREES OF THE WORLD — BY EDWIN A. MENNINGER



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## ENVIRONMENTAL IMPROVEMENT

MRS. JOHN HELLMUTH

Fifty entries were received for the Sears, Roebuck and Company EIP CONTEST. The projects were somewhat like other years, beautification of schools, parks, public buildings, etc, but something new had been added this year — programs on air and water pollution and conservation.

The EIP has been extended by Sears to cover a two year period, from January 1, 1971 to January 1, 1973. Awards will be presented on District, State and National levels in the odd number year, 1973.

This chairman knows that more than fifty clubs or circles had outstanding projects in 1970. **PLEASE** let me know what you are doing. **PLAN** to enter the contest in the next two years.

## President's Message

### Dear Members:

With this challenging administration drawing to a close your President sincerely thanks each and every garden club member for their whole-hearted support and participation in making Florida a more beautiful, better place in which to live.

It has been and is, a real inspiration to work for you and with you. Thanks for a priceless memory to enjoy in those rocking chair days.

Reviewing the achievements of the past year, with "Concern Today for Tomorrow" our theme and our guide, garden club members have responded enthusiastically to the threat to our environment. Conservationists and Preservationists have zealously fought with satisfying results. We must never let down.

A milestone has been reached in regard to our Junior Nature Camp building. The first step in making a vision become a reality. The Board of Directors voted unanimously to give the accumulated fund for a youth camp building to the Division of Recreation and Parks, Department of Natural Resources, State of Florida, with the Federation contributing the approximately \$40,000 toward the building and the Parks Department assuming all responsibilities and maintenance. This joint program could benefit many. The new Wekiva State Park will be the site. Spacious and centrally located, the location seems ideal.

A very few have worked very hard to make this dream come true. They deserve our highest praise in their efforts to continue the education of youth in conservation and nature study. We had hoped to see the first shovel full of earth turned during this Administration but with the change of administration in Tallahassee, progress was delayed.

Over the past two years, garden club members were invited to send "con-

structive criticism and ideas" to Mrs. C. H. Blanchard, chairman of the committee to re-evaluate Federation activities. Many of you responded. This is YOUR Federation and we appreciated your interest and involvement. The recommendations will be presented to the incoming President and officers for their consideration and action, but one recommendation that appeared again and again, calling for immediate action, was to raise the dues. This too will be presented for your approval at the Convention.

This move has been long overdue but now with expenses rising, with our General Fund TOO LOW, since only 11c out of the dollar dues received, goes into the general fund, something had to give. We hope that you will give this careful and fair consideration and accept this minimal raise proposed.

The culmination of these two challenging years will be our National Convention in Bal Harbor when the opportunity will be ours to host garden club members from across the nation, and our international affiliates. It has been so exciting to see the preparations so very efficiently being made in every district, the beauty being created, the warm hospitality planned for our fellow gardeners who will be visiting our fair state, some for the first time. We plan to make their visit unforgettable.

Your President has been very proud to represent you, proud of the respect in which you are held, proud of your many outstanding accomplishments, proud of the dedication inspiring you to give countless hours freely, without thought of recompense, giving of yourself to make Florida a more beautiful place in which to live.

*Hazel Dillingham*

**INFORMATION:** National Council's announced a new project in January 1971 — "PEOPLE AND THEIR ENVIRONMENT", a set of books to be made available for the nation's schools. "The series provides a tested and proven way of enabling teachers — regardless of grade level or subject area — to incorporate this vitally important subject into their daily lessons."

All Club Presidents were mailed detailed steps they should take to succeed in this **PROJECT**, which the National Board gave top priority.

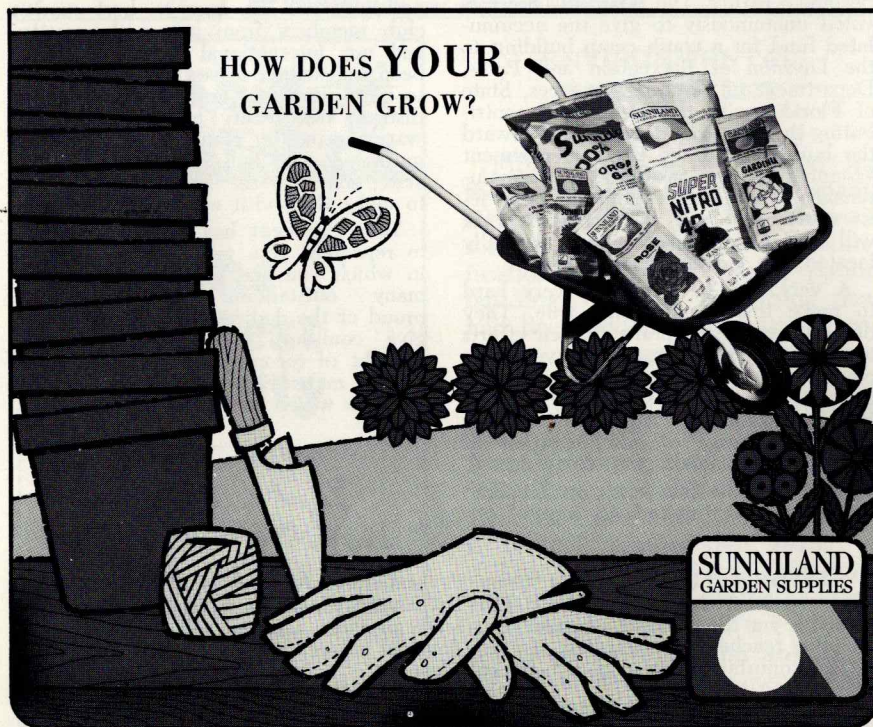
# LEARNING BY DOING

The Florida Audubon Society have expanded their program to include regional workshops, which are sponsored by an Audubon chapter and/or chapters. The purpose is to reach more local people and address themselves to local problems.

The workshops are designed and planned for a central spot by a trained team of two or more from the FAS'S Headquarters in Maitland. The subject for the one day's study is chosen by those it will serve. The team works closely with the sponsors, conducts the workshop and writes an evaluation of it for distribution to the participants.

There are ten suggested regions in Florida and three subjects are available for workshops: (1) How to make a presentation to a governing body; (2) environmental education in schools; (3) coordinate actions and programs with other similar organizations (forming environmental councils. Other subjects are being developed!

This is an opportunity for garden club members to unite with a related organization: to broaden our attitudes, increase our knowledge of coping with our vastly changing times and to be cogent in giving the world another chance. Contact your local Audubon leaders and offer your assistance if they are planning to sponsor a regional workshop. (Factual information by Mrs. E. G. Bryan, Florida Audubon Society, P.O. Box 7, Maitland — 32751).



## Editorial

The Gardener contents for 1969-71 were focused on an interrelationship of all garden club facets, emphasizing a wise use of our time in preserving the earth and enhancing our own plot of ground, thus, creating an awareness of beauty in our respective communities.

Seven of the covers personifies the wisdom of National and State Public Leaders and interested citizens in preserving a few treasures of Florida's natural heritage. The cover on this issue is dedicated to Mrs. Maurice S. Dillingham as a part of her theme "planting flowering trees."

EMPHASIS: Mr. Charles Starling's conservation article was contributed through Mrs. Vernon L. Conner, featured addresses presented at the Tropical Short Course through Mrs. Ralph E. Kytan, "Flower Diggers Beat Dozer" by Mr. Charles E. Salter, Florida Department of Agriculture and Consumer Services, and several events from clubs and circles.

Again, I wish to express appreciation: to guest editorialist and a few open-minded State Chairmen for timely and informative articles; membership chairmen cooperating with me in the past eight months concerning TFG circulation; and clubs and circles sharing their outstanding events through the Gardener.

ATTENTION: Club and Circle Leaders — the information on the inside back cover is important, please urge chairmen to follow these instructions in preparing membership lists, and encourage individuals to make their own address changes. Your help will be appreciated!!!

"Have you thanked a green plant today?" — Dr. Henry M. Cathey

## Junior Nature Camp

The Junior Nature Camp Committee Salutes — the Whispering Pines Garden Club of Miami!!! They are a group of 19 young married women, emphasizing youth work in their club.

They sponsored a contest in 1969 and the winner (girl) was sent to camp; a poster contest on anti-pollution in 1970 and there were two winners. The lucky boy was unable to attend camp (due to an accident), but two girls were

sent. Again, in 1971 they are sponsoring a contest on pollution and have already mailed a check for two campships (first for 1971) for two winners, a girl and a boy.

The essence of "CONCERN TODAY FOR TOMORROW" is our youth work . . . NOW IS THE TIME — for clubs, circles and individuals to plan on sending a child or children to camp this summer . . . Complete information is on page 13 of the J/F/M Gardener!!

## BOARD MINUTES

January 19-20, 1971

### CYPRESS GARDENS

A tour of beautiful Cypress Gardens and being hosted for breakfast by Dick Pope were pleasant interludes at the mid-winter meeting of the federation's board of directors.

With State President Mrs. Maurice Dillingham presiding directors:

—Applauded transmittal of a check in the amount of \$8,648.18 (\$3,000 advance and \$5,646.18 profit on the 1971 edition) from the Florida Flower Arrangement Calendar committee to the treasurer.

—Authorized the committee to increase the 1972 edition order to 27,000 calendars.

—Authorized the treasurer to advance \$4,000 to the calendar committee for down payment to the bindery, for the photography and for March promotion expenses.

—Approved awarding the George Morrison Scholarship in Landscape Architecture for 1970-71 to John Harland Ingram Jr. of Jacksonville.

—Approved Flower Show Schools Course 2 at Tampa and Jacksonville; Course 3, Fort Lauderdale; Course 4, Pensacola, Gainesville and Panama City; Course 5, Key West and West Palm Beach.

—Approved the general fund borrowing from the Mary S. Compton Life Membership Savings Account without interest funds needed to subsidize the monthly grounds maintenance at Headquarters.

—Approved the opening of a Tenth Anniversary Book at Headquarters with the cost for each name inscribed therein set at \$10.

—Approved the adding of a "b" paragraph reading "District Directors will furnish the Circulation Manager with the roster of clubs resigning from the federation" under Florida Gardener (16) on Page 78 in the 1970-71 Supplement to the Book of Information.

—Approved changing the title "Policy" to read "Policy and Procedures."

—Authorized the writing of a letter to Governor Reubin Askew expressing appreciation for his appointing Nathaniel P. Reed as chairman of the Florida Air and Water Pollution Control Board, praising Mr. Reed's past efforts in behalf of the state's environment and

pledging the federation's cooperation in these matters, with a copy of the letter to be sent Mr. Reed.

—Ratified a proposal to "enter into a joint building program with the Florida Parks Service wherein the Florida Federation of Garden Clubs, Inc. would contribute the approximately \$40,000 on hand and any other funds which might be raised in the future for this purpose along with an estimated \$10,111 worth of camp equipment such as beds, plumbing fixtures, etc. now stored in Tampa . . . would advance an amount not to exceed \$2,500 to an architect engineer for designing a conservation-nature study camp on approximately 40 acres of land bordering on a lake totally within the Wekiva State Park . . . with a storage room to be reserved for the exclusive use of the federation's camp equipment; that the federation would not ask for any land use permit or lease from the park service but would ask for first priority on any use of the camp during the summer for a conservation-nature study youth camp and that the major emphasis of the camp for other users be oriented toward conservation and nature study; that no other development or construction of the park be within a certain distance of the camp and that power boats be excluded from the lake; that a federation representative be included in planning for use of the property contiguous to the camp area; that the park service be responsible for all upkeep and maintenance of the camp grounds and buildings, carry adequate insurance, provide adequate utilities including electricity, water and sewerage and develop and maintain an adequate service road to the area; and with the federation agreeing to pay the established per capita rent to the park service for use of the camp during the summer or at any other time during the year."

—Approved a change in the bylaws, to be voted on at the 1971 convention, raising federation dues from clubs to \$1.50 per member.

—Voted approval of the firm Yarbrough and Finch of Clearwater making an audit of the FFGC books for 1970-71.

—Voted to ask the National Council of State Garden Clubs to assist the

(Continued on page 10)

## District X

Mrs. Lloyd A. Hundley, *Director*

The 33 clubs and 45 circles are very active, and from reports and visitations are definitely stressing all phases of garden club work. We have one newly federated club and one club of young women on probation. Of our membership 79 (adding 5 this year) are State Life Members, and 7 National.

Appreciation to the Town and Country Garden Club of Lake Worth for hostessing our 1970 Spring Presidents' Conference. It was well attended with much enthusiasm. Their theme was birds, so appropriate because of State Bird Day.

The West Palm Beach Garden Club was hostess to our Annual Fall District Meeting. They also, did themselves proud for such outstanding decorations and fine hospitality. Two hundred attended.

We had a capacity crowd attend our Christmas Symposium, entitled, "Christmas Around the World and Holiday Splendor". District X's talent was used. Clubs with small membership have been hostessing our symposiums.

We have four (4) Garden Centers. The Garden Club of Indian River County, Vero Beach, dedicated theirs Nov. 24, 1970. Mrs. Ann Gurke, our 1st Vice President gave a most interesting talk and offered congratulations. Most clubs have library shelves and donate books in memory of someone.

Christmas bazaars, teas, parties, and holiday house tours were held, also lighting and decoration contests.

Several clubs honor their presidents in the Presidents Book at Headquarters.

A membership tea was held by a small club and was outstanding, as it displayed all phases of garden club work.

A display of flower arrangements and horticulture was held at the South Florida Fair. A Garden Club Day was designated and Mr. Robert Thomas gave a two hour program.

Winners of our Environmental Improvement Contest will be announced at the 1971 Spring Presidents' Conference.

Most clubs and circles stress CONSERVATION AND HORTICULTURE at each meeting, by programs, workshops, suggestions, tips and plant identification.

Roadside developments and planting trees shows much interest. Arbor Day programs were held. Civic beautification includes libraries, hospitals, churches, median strips, entrances to towns and cemeteries.

Eight attended the Blanche Covington Nature Study Course last year. Four (4) attended Short Course at the University of Florida.

Nineteen Bird Sanctuaries in District X.

The North Palm Beach Garden Club will dedicate a Blue Star Memorial marker in May. This makes our total 9.

We have 57 flower show judges and 16 student judges.

Five (5) landscape critics.

Six (6) Standard Flower Shows will be held in March.

West Palm Beach Garden Club will sponsor Course V of the Flower Show Schools on April 27, 28, and 29, 1971.

Field trips are planned for pleasure and educational purposes.

We have sold a large quantity of Florida Arrangement Calendars,

(Continued on Page 10)

## State Life Memberships

Anne G. Keen

It is impossible to make an accurate statement concerning the State Life Memberships for the current year as this report must be submitted to the Florida Gardener months before Convention. Thirty-two Life Memberships have been awarded to deserving and dedicated members since the State Convention in Daytona Beach. The following list includes the names of all members receiving Life Memberships since the last list in the Florida Gardener.

Mrs. Douglas Bailey ..... *Clearwater*  
 Mrs. Francis C. Millican.....*Sarasota*  
 Mrs. D. Cruz .....*Pensacola*  
 Mrs. Arnold Gesner.....*Jensen Beach*  
 Mrs. J. V. Daniell .....*Orlando*  
 Mrs. John A. Keck.....*Clearwater*  
 Mrs. Ronald B. Cooper

*Mount Dora*

Mrs. Victor T. Nixon.....*Orlando*  
 Mrs. E. Paul Dunklin.....*Palatka*  
 Mr. Maurice S. Dillingham

*Santa Rosa Beach*

Mrs. Norman A. Congdon

*Bradenton*

Mrs. Ray A. Harvel

*Delray Beach*

Mrs. A. K. Black .....*Lake City*

Mrs. James R. Butler.....*Lake City*

Mrs. James T. Boyette

*Panama City*

Mrs. Emory Gay Hobbs

*Panama City*

Mrs. Archie C. Johnson

*Ormond Beach*

Mrs. A. D. Smith .....*Bal Harbour*

Miss Vesta C. Sanders

*Jacksonville*

Mrs. G. Sawyer Lennard

*Ft. Pierce*

Mrs. Wm. E. Orth .....*Vero Beach*

Mr. David C. Stouder .....*Miami*

Mrs. Jess M. Elliott .....*Pahokee*

Mrs. Frank H. Forster

*Port Charlotte*

Mrs. S. C. McCullough

*Punta Gorda*

Mrs. Alvin G. Becker .....*DeBary*

Mrs. W. C. Ott .....*Jacksonville*

Mrs. Arthur Pforr .....*Orlando*

Mrs. Fritz Salmar .....*Fort Myers*

Mrs. Herbert Hibbe .....*Miami*

Mrs. H. E. Young .....*Clermont*

Mrs. W. H. Abbott.....*Pensacola*

Mrs. J. H. Walker .....*Pensacola*

Mrs. C. E. Lawrence .....*Miami*

Mrs. John O. Roush .....*Miami*

Mrs. Harry E. Stalker.....*Bradenton*

Mrs. Hugh C. Simmons

*Gainesville*

Mrs. Lamar Ellard.....*Panama City*

Mrs. Leroy T. Williams

*Land O'Lakes*

Mrs. A. W. Case .....*Melbourne*

Mrs. Augustus F. Williams

*Indian Harbour Beach*

Mrs. George Laubach.....*Boca Raton*

Mrs. William L. Mead.....*Melbourne*

Mrs. J. B. Threlkeld .....*Melbourne*

Mrs. Max Zeller .....*Stuart*

Mrs. Mark Williamson

*Orange Park*

Mrs. T. J. Parda .....*Pensacola*

Mrs. C. Wesley Corkins.....*Crestview*

Mrs. W. H. Wylie .....*Apopka*

Mrs. Earl M. Anderson

*Okeechobee*

Mrs. DeLos Carroll

*Jacksonville*

Mrs. Myrtle Wiggin.....*Panama City*

Mrs. Elizabeth Groszberg

*Lake Worth*

Miss Charlotte Farley .....*Miami*

Mrs. E. H. Ellison.....*Carrabelle*

Mrs. Ethel Bridges.....*Apalachicola*

Mrs. Hunter Land .....*Miami*

## 45th Convention

### 45th CONVENTION REGISTRATION INFORMATION

DELEGATES AND ALTERNATES WILL REGISTER ON SPECIAL FORMS MAILED DIRECTLY TO CLUB AND CIRCLE PRESIDENTS. The following form is for convenience of visitors who are not delegates or alternates. Clip the form below and mail to Mrs. Robert H. HUEY, 7101 S.W. 68th Court, South Miami, Florida 33143. Make checks payable "MRS. R. H. HUEY, TREASURER." No cancellations after May 12, 1971.

Registration: Members and Visitors .....\$2.50

(To be paid by everyone attending all or part of convention)

Husbands Only — \$1.00

Fri., May 21 —

Breakfast ..... 4.00

Lunch ..... 6.50

Dinner ..... 8.25

TOTAL (includes tax and tip) .....\$21.25

Entire Package:

Ladies — \$16.00

Men — \$14.50

### REGISTRATION FORM FOR VISITORS

45th Annual Convention

Americana Hotel, Bal Harbour, Florida

May 21, 1971

Name .....

Address .....

Life Member, Florida Federation of Garden Clubs, Inc.

Yes..... No.....

Club or Circle ..... District.....

If Husband check here .....

Make hotel reservations directly with hotel.

Reservation Form Inside Back Cover January-February-March Issue TFG.

## Newly Accredited Judges

### District II

Mrs. A. W. Brannon, Rt. 1, Box 165, Caryville 32427  
Mrs. Ralph Carter, Rt. 1, Chipley 32428  
Mrs. Ben McCrary, 410 Dogwood, Marianna 32446  
Mrs. J. C. Rainey, 125 Daniel St., Marianna 32446  
Mrs. Austin W. Townsend, Box 308, Chipley 32428

### District III

Mrs. Frances Ferrell, 215 W. Sinclair, Tallahassee 32303  
Mrs. Wallace Kershner, 214 N. Lipona Rd., Tallahassee 32304  
Mrs. E

### District IV

Mrs. E. Warren James, Jr., 4972 Rochdale Road, Jacksonville 32208

### District VII

Mrs. Everett G. Lanning, 1720 Oneco Ave., Winter Park 32789  
Mrs. A. L. Paulauskas, 511 S. Osceola St., Orlando 32807

### District VIII

Mrs. J. R. Brooks, 1411 39th St., W. Bradenton 33505  
Mrs. J. D. Hicks, 648 Geneva Place, Tampa 33606  
Mrs. Harry E. Stalker, 1607 21st St., W. Bradenton 33505

### District IX

Mrs. R. O. Dewey, 1230 Edgewater Dr., Lakeland  
Mrs. Sam Houghtaling, 2024 John Arthur Way, Lakeland  
Mrs. E. R. Kline, 625 W. Oak Dr., Lakeland

### District X

Mrs. B. Q. Waddell, Box 937, Vero Beach  
Mrs. T. E. Waggeman, Rt. 1, Box 113, Vero Beach 32960

### District XII

Mrs. Henry J. Bassing, 8425 S.W. 43rd Terr., Miami 33155  
Mrs. Jefferson P. Hill, 7425 S.W. 116th St., Miami 33156  
Mrs. Victor L. Jansen, 9890 S.W. 138th St., Miami 33157  
Mrs. C. E. Lawrence, Sr., 7130 S.W. 64th St., Miami 33143  
Mrs. C. P. Lunson, 8305 S.W. 105th St., Miami 33156  
Mrs. L. M. Sniffen, 8250 S.W. 187th Ave., Miami 33157

#### (Board Minutes Continued)

federation in promoting a 1972 Centennial Arbor Day and issuance by the United States Post Office Department of an appropriate commemorative stamp in April, 1972.

—Heard announcement by Mrs. Dillingham—clubs may send their contributions to Conservation 70, Re: Page 32 November/December TFG for complete information.



#### (District X Continued)

and items from Headquarters.

Area-workshops making items out of native materials proved very educational, outstanding and good fellowship has been enjoyed.

My heartfelt thanks to the members, District Chairmen, and my Assistant for your hardwork, kindness, cooperation and friendship during the past two years. It has been an honor and privilege to serve as your director.

## BOOK REVIEW

### ► PORTRAITS OF TROPICAL BIRDS, by John S. Dunning.

Birders, photographers and people who like beautiful things should be delighted with Portraits of Tropical Birds by John S. Dunning. Here are seventy-two outstanding reproductions of strikingly-colored birds of Central and South America, some of which have never before been photographed.

To anyone who has tried to bird in the tropics, this publication comes as a distinct delight. Heretofore most works dealing with tropical birds have offered illustrations in the form of drawings, many of them worse than mediocre. And to wade through a written description of a bird, especially to those of us in North America spoiled by such excellent field guides as Peterson's, has been exasperating. At least here are seventy-two birds whose identities are absolutely clear, and if the observer meets up with one in the jungles or the mountains of tropical America, he will have no trouble naming it.

Our only hope is that Mr. Dunning will see fit to return to Central and South America to produce another volume, for this area deserves attention. As the author states in his introduction, Columbia alone has "over twice as many species of birds as the continental United States—". Ornithologists list about 1,190 species for Central America.

Under different circumstances, we might object to Mr. Dunning's method of photography, which is to capture the bird by mist net and to place it in an enclosure, thus taking a "set-up" shot. But the extreme conditions that a photo-

grapher must work under in the tropics, with its heavy foliage and subdued and shifting lighting, make this method forgivable. Also, Mr. Dunning has taken the trouble to vary his backgrounds and perches and to make them resemble natural habitat, so that there is not an air of sameness as you glance from one picture to the next. And the author has generously included a section describing in detail his method of photography, so that others might profit from his past experience and hard work.

As pointed out by Dr. Olin S. Pettingill in the Foreword, the text accompanying each plate is brief, simply because little is known about most species, even those that are fairly widespread. Included is a picture of the Colorful Puff-leg, a hummingbird that Mr. Dunning and his wife, who aids her husband in his photography, discovered in 1967 in Colombia, an exciting ornithological event.

In looking only at the pictures the viewer experiences a sense of joy and awe that such exquisite creatures exist. However, such joy rapidly dissipates and we are brought back to reality with a jolt when we read the text. Too many of us still think of Central and South America as remote regions that have been only lightly brushed by threats of pollution and bulldozing. But running through the book is a poignant theme exemplified by the short paragraph on the Glistening-green Tanager: "The beautiful and brightly-colored Glistening-green Tanager lives only in the mountain forest of its small range. These forests are being cut down

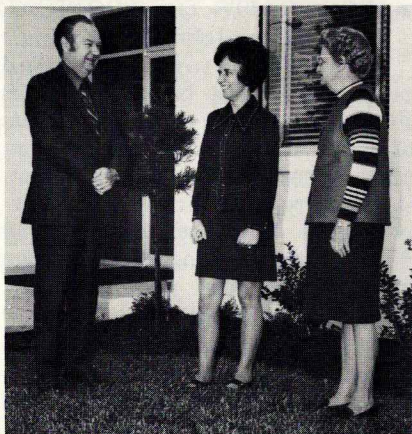
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## Talent Sharing

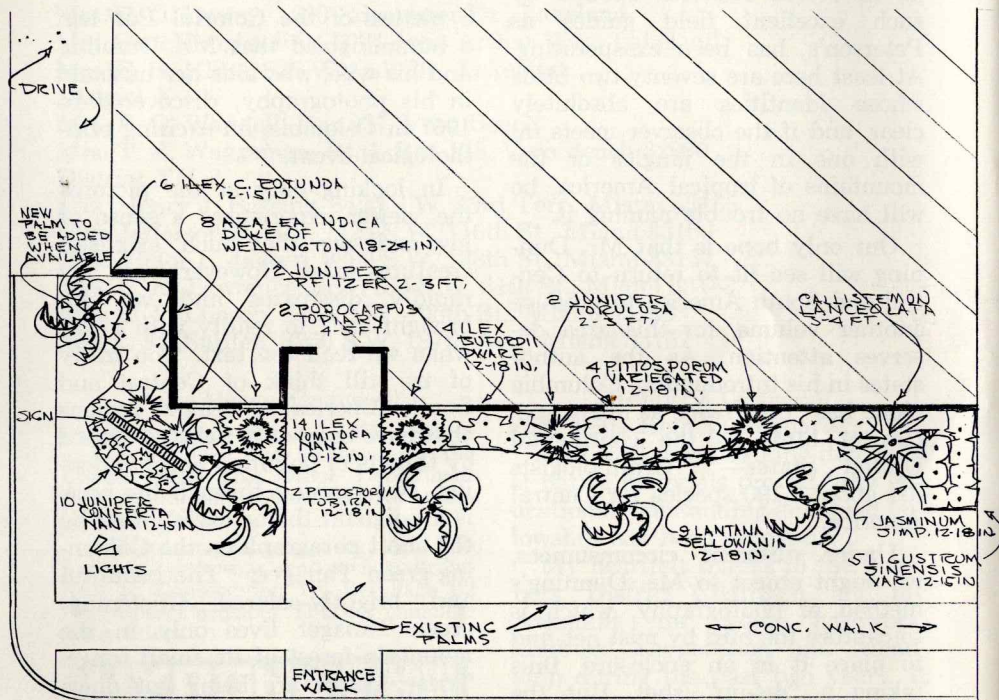
The main objective of our garden club (Hibiscus - Auburndale) is to promote beautification at home. In the summer of 1970 the City Officials gave us permission to landscape the grounds of the New Fire Department, located near the City Hall, a bank and a section of the City Park. This is one of our continuing projects and it is presently aglow with azaleas.

Our membership of twenty are interested in all phases of garden club work and we participate in local gardening events and FFGC events held in our area.

We enjoy the good will of the City and the local newspaper.



Left to Right—City Manager, Mr. Bruce Conavo, Mrs. Sam Lee McCampbell, President; Mrs. L. A. Widner, Beautification Chairman.



Landscape Plan.

## Flower Diggers Beat Dozers

CHARLES E. SALTER

A group of conservation-minded leaders Messrs. Malcolm Johnson, Paul Willis, Angus Laird and Charles Salter spearheaded project FDBD in preserving indigenous plants of the Tallahassee area, for posterity.

It was February 1970 that these men recognized that the progress of I-10 would be destroying a community of wild azaleas and other desirable plant life — and thus embarked upon a team effort of transplanting. Mr. Malcolm Johnson, editor of the Tallahassee Democrat, spread the word of the necessity of speedy action, consequently the "first dig." Amateur botanist volunteered as guides, plants were marked and mutually interested individuals, determined to relocate the plants.

Thus the "flower dig" began: one Saturday, 8:30 a.m. the temperature dipped down in the twenties, ice and mud plentiful on the site, when young and old alike battled not only inclement weather, but man-made progress to save part of Florida's vanishing natural flora. By noon an estimated 500 people were involved. Sunday brought an equal crowd of diggers. Working til dark to remove some 6,000 wild azaleas, itea, magnolias, hollies, violets, maples, bay and pines, evolved amazement from the sponsors and the construction engineers wry remark, "you have saved me a lot of work."

Response continued through the newspaper leading to other phases of project FDBD.

The Democrat's Garden Editor arranged for boys of the Criswell House, a half-way home for errant youth, to dig in inaccessible areas.

A generous citizen provided transportation and some 1,200 wild azaleas were dug, wrapped and kept moist for the public's selection. No price was set, but contributions were accepted for the Criswell House Emergency Fund. All azaleas were gone by noon the same day, thus challenging the boys to dig another 1,000 for the following weekend. The boys planted the left-overs on the Nature Trail at the Tallahassee Junior Museum. The Emergency Fund increased by \$2,000!

The project continues and growth abounds, thus proving that the earth's loveliest, and most fecund natural resources must be preserved through concerned individual efforts.

(Citizens of the Tallahassee area and all Floridians owe a debt of gratitude to these public spirited leaders! Awaken — garden clubbers to the beauty and life-giving resources we are loosing throughout our State. Editor)

A Blue Star Memorial Marker, located at the entrance of Rainbow Springs on U.S. Highway 40, Dunnellon, was dedicated January 21, 1971, by Mrs. Maurice S. Dillingham, President of FFGC. Other participants were Mrs. Hugh C. Simmons, District V Director, Mrs. Franklin B. Wittmer, President Rainbow Lakes Garden Club, officials of the American Legion Wall-Rives Post 56, VFW Post 8201, World Ward I Veterans Barracks 3238, and Mr. Richard A. Kesselring, General Manager of the Springs.

Florida leads the Nation in Blue Star Markers and this one is the 77th.



# Flower Show Calendar

Mrs. Horace I. Tompkins, Chairman  
Route 1, Box 969, Gulf Breeze, Fla. 32561

- Apr. 1, 1971 — Archer Garden Club  
"Florida"  
Apr. 1, 1971 — Fed. Garden Clubs of  
Ft. Myers  
Lee County Garden Council  
"Spring Fever"  
Placement Show  
Apr. 1-2, 1971 — St. Petersburg Garden  
Club  
"My Cup Runneth Over"  
St. Petersburg Garden Center  
Apr. 2, 1971 — Dunedin Garden Club  
"April Splendor"  
Placement Show  
Apr. 3-4, 1971 — Garden Club of Jack-  
sonville  
"13th Annual Pageant of Crosses"  
Jacksonville Garden Center  
Apr. 3-4, 1971 — Zephyrhills Garden  
Club  
"Swing into Spring"  
Zephyrhills Garden Center  
Apr. 3-4, 1971 — Pensacola Fed. of  
Garden Clubs, Inc.  
"A Woman's Vanity"  
Pensacola Garden Center  
Apr. 10, 1971 — Panama City Garden  
Club  
Spring Flower Show  
Panama City Garden Center  
Apr. 14, 1971 — Clearwater Garden  
Club  
"Plants and Planets"  
Clearwater Garden Center  
Apr. 15, 1971 — Chipley Garden Club  
"The Seasons the Reason"  
Masonic Hall, Chipley  
April 16-17, 1971 — Conway Garden  
Club  
"Today's Challenge"  
Orange Co. Agriculture Center  
April 17-18, 1971 — New Port Richey  
Garden Club  
"Under the Big Top Show of Flowers"  
Veteran's Building  
Apr. 17, 1971 — Garden Clubs of Tar-  
pon Springs  
"Swing Out, Sweet Land"  
Placement Show  
Apr. 17-18, 1971—Apopka Garden Club  
"Swinging Design"  
Municipal Auditorium  
Apr. 21, 1971 — Tampese Garden Club  
"Suddenly It's Spring"  
Lighthouse Point Village Hall  
Apr. 21, 1971—Sunset Park Garden Club  
"Our Glorious World"  
Tampa, Florida  
Apr. 22-23, 1971 — Hallandale Garden  
Club  
"The Flower People Are Showing  
Their Bloomers"  
Hallandale Recreation Center  
Apr. 23, 1971—Boca Raton Garden Club  
"Words To Live By"  
Placement Show  
Apr. 23, 1971—Deerfield Garden Club  
"Springtime in Deerfield Beach"  
Community Presbyterian Church  
Apr. 24-25, 1971 — In-Har-Bee Garden  
Club  
"America! America!"  
Indian Harbour Beach  
Apr. 24-25, 1971 — Milton Garden Club  
"Flight of the Bumble Bee"  
Milton Garden Center  
Apr. 26, 1971—The Garden Club of  
Largo  
"Spring Fantasy In Largo"  
Largo Garden Center  
Apr. 29, 1971—Ferry Pass Garden Club  
"Fiesta of Flowers"  
Ferry Pass Methodist Church  
May 1-2, 1971—Lake City Garden Club  
"Bouquets for Holidays"  
Lake City Garden Center  
May 6, 1971—Monticello Garden Club  
"Holiday Happenings"  
Monticello Womans Club House

book to put forth a supreme effort to save the birds it pictures. It would indeed be a tragic loss if they were to become extinct to a world that never really knew them.

Jan (Mrs. Wm.) Bolte

## BOOK REVIEW (Cont.)

so fast that its survival is in considerable doubt. Its habits have not been studied."

We hope that conservationists will be inspired enough by this

# University of Florida Short Course

"RELAX, ENJOY AND LEARN"  
Gainesville: June 23, 24, 25, 1971

MRS. J. D. GAMMAGE

Save June 23, 24, and 25 to "Relax, Enjoy and Learn," at the upcoming F.F.G.C. Short Course.

You gave us some good suggestions last year and we hope this program will please you.

Again this year Tuesday night will be a special program for all to enjoy.

Workshops will be conducted on crafts and flower arranging, or a Garden Tour by bus on Wednesday and Thursday afternoons.

Dr. Jasper Joiner will once again be with us plus several members of the faculty of the University of Florida.

Mrs. Thomas H. Ward, Pompano Beach, Florida, will be the featured lecturer and flower arranger on Wednesday a.m. June 23, and again Friday a.m. June 25. Mrs. Ward is a past president of Florida Council of Flower Show Judges, and Master Judge.

All activities will be concentrated in one building: Reitz Student Union. A limited number of guest rooms will be available in Reitz Union and Broward Hall. You all must make your own reservations directly with the Union: (J. Wayne Reitz Union — G 20 University of Florida, Gainesville, Florida 32601 — or Broward Hall Housing, Ann Lowe University of Florida, Gainesville, Florida 32601). Meals will be on an individual basis at the Reitz Union. No meal tickets are available.

A dinner will be offered (optional) Thursday night at the Reitz Ball Room for \$4.00. Come relax and enjoy being with your friends.

We are looking forward to seeing all of you for a relaxing and enjoyable few days.

Advance registration to:  
A. Bradford Howes  
Coordinator, Special Programs  
607 Seagle Bldg.  
Gainesville, Florida 32601

NAME \_\_\_\_\_ Please make checks payable  
to "University of Florida"

ADDRESS \_\_\_\_\_

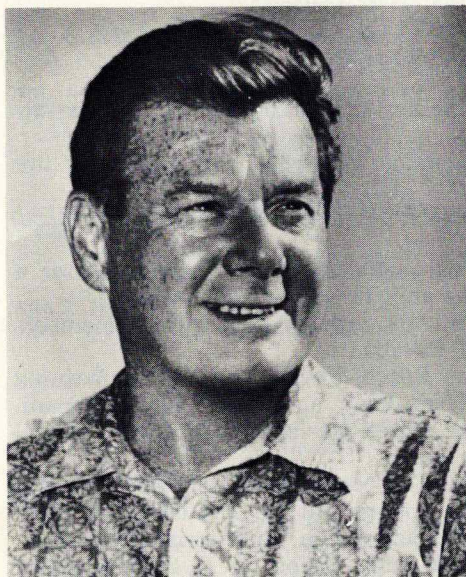
Husband's Initials \_\_\_\_\_

City \_\_\_\_\_

Registration \$15.00  
Dinner 4.00  
TOTAL \_\_\_\_\_

Each registrant must arrange lodging at hotel, motel or dorm. Use above address.

# Profiles..



ARTHUR GODFREY

Born in New York City, raised in Hasbrouck Heights, New Jersey, Arthur Godfrey is an international figure, with fifty active years in show business.

Famous in many fields, it is his sincere concern for Conservation that will once again give him a stellar lead at the opening Banquet, May 17, 1971 at Bal Harbour, Florida.

He has never been one to "stay put," geographically or physically. Traveling the world over, his interest in people and "telling it as it is," has won him many laurels.

In his early years he worked as an office boy for an architect, coal miner, farmhand, cemetery salesman, cab driver, short order cook and tire finisher.

He has served in the Navy, Air Force and Coast Guard. He is a legend in aviation, the military, and the horse world.

Mr. Godfrey's performances on radio, TV, stage, ice rink, night club, show ring and cinema, merge to make him an epic.

Because of his love for the land, his interest in people, his relaxed approach to any assignment, we look forward to hearing Arthur Godfrey's "Ecology at the Grass Roots."

Mrs. Maurice S. Dillingham is President of the Florida Federation of Garden Clubs, Inc. The Forty-Fifth Annual Convention will end her tenure of service as President of FFGC.

She is an active member of the Green Thumb Garden Club, a charter member of the Frances Pryor Camellia Club of Fort Walton Beach, on the Advisory Council of Grayton Beach State Park, and is active in local beautification programs.

During her tenure of service as President of FFGC, she has served as the Recording Secretary of C-70 and has been re-elected for another term!

MRS. M. S. DILLINGHAM



## FEATURED AT '71 CONVENTION

### MRS. FREDERICK A. WARE

Mrs. Frederick A. Ware, a native of Georgia, presently residing in Augusta, will be the guest speaker at breakfast May 20, NCSGC convention.

Mrs. Ware was the 1970 recipient of the Georgia award "Author of the Year" for the best non-fiction book. She is the author of "All Those In Favor Say Something", and has written for the Atlanta Constitution and Augusta Chronicle.



### MRS. EDWIN B. DEAN

Mrs. Edwin B. Dean, Convention Committee Chairman, is a nationally accredited master flower show judge, a member of The Academy of Floral Art, Miami Beach Garden Club, Miami Beach Garden Center and Conservatory Committee, and the Palm, Hibiscus Islands Garden Club. Mrs. Dean is the Vice President of the Florida Council of Nationally Accredited Flower Show Judges. Helen's newest interest is ceramics and she is a member of the Ceramic League.



### MRS. ROBERT E. MILLS

Mrs. Robert E. Mills, Convention Committee Co-Chairman, is the First Vice President of the Council of Garden Club Presidents of Dade County and Publicity Chairman of District XII. She is a life member of FFGC, Accredited Flower Show Judge, and Landscape Design Critic.

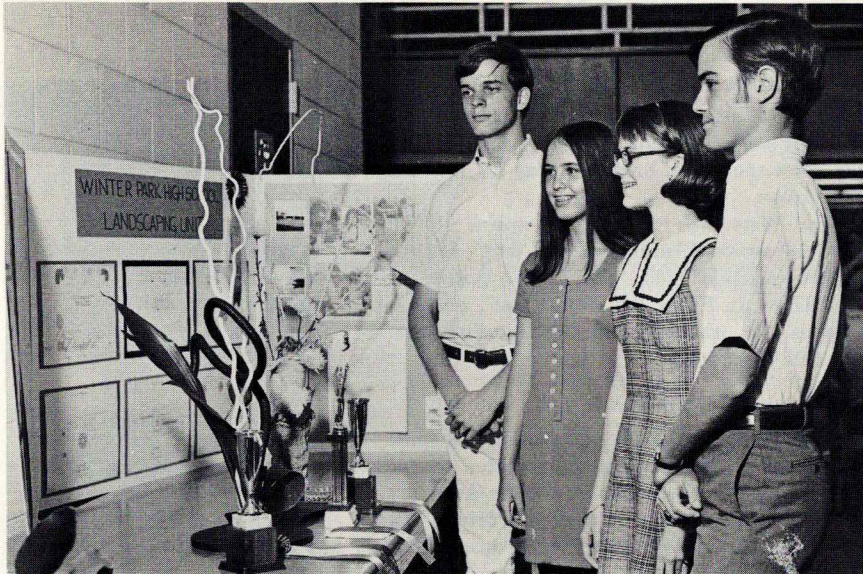


### MRS. ANDREW A. GURKE

Mrs. Andrew A. Gurke, First Vice President of the Florida Federation of Garden Clubs, Inc. Anne has been an active garden clubber for many years. She served as Director of District XI, 1961-63, Circulation Manager of the Florida Gardener six consecutive years, and for the past eight years has served on the State executive board.



Anne is a Nationally Accredited Master Flower Show Judge and has studied flower arranging (Sogetsu School) in Hong Kong. She is a landscape critic and is active in the Hollywood Garden Club.



Left to Right — Andy Mann, Carolyn Ratcliffe, Julie DeGuehry and Steve Tousey.

Andy Mann, High School Gardener of Winter Park, will be guest speaker at the Central Regional breakfast May 18, at the National of State Garden Clubs, Inc., Forty-second Convention and his topic will be "CREATING LANDSCAPE BEAUTY BY HIGH SCHOOL GARDENERS."

Andy is speaker for the Winter Park Inter Club Council Beautifi-



cation Unit of HSG; President of the Winter Park High School Student Council; member of the National Honor Society, the Thespians, Orange County Youth Advisory Council, and Winter Park Youth Center Student Council. He was recipient of Rotary Club's Merit Award for two successive years. In January 1971, he received the "Student of the Year" Award from the Winter Park Jay-Cees.

Mr. Hugh T. McDade, is a native of Mississippi and attended Mississippi Delta Junior college and the University of Mississippi. He will be the guest speaker for lunch May 19, NCSGC Convention.

Mr. McDade, has been associated with the Aluminum Company of America for 29 years, and the past 16 years as Public Relations Manager of the Tennessee Operation Aluminum Company of America, Alcoa, Tennessee.

Mr. McDade is a member of the Kiwanis Club, Taxpayers Association, Chamber of Commerce, Children's Hospital, Commission for Human Development and the State School Board.

## District VII

MRS. RAYMOND V. TODD, *Director*

Conservation has been the chief concern of the 50 clubs in District VII this past year. Every Club has participated in some way towards this cause. There have been outstanding programs on this subject including symposiums, meetings open to the public with distinguished speakers, and brief reports at monthly club meetings to keep members informed of what is going on and that the need is still very great for us to support all efforts in this direction. Conservation 70's has been well supported in VII and our own Teachers' Conservation Workshops have been strongly pushed as a further way for us to show our "Concern Today for Tomorrow".

Civic Beautification ranks as the number two activity in District VII with almost all clubs engaging in some form of environmental improvement — beautifying community grounds, school grounds, local parks, and roadside areas. A group of clubs in one area is assisting in the restoration of beautiful gardens planted with rare and tropical plants at their local Art Center. Four clubs applied for the Sears Environmental Improvement Program Award. Our Junior and High School Gardeners are also most active in civic development.

Much work has been done in Garden Therapy by individual clubs, and through the efforts of our District Garden Therapy Chairman, Mrs. Earl Lau, 24 orchids, donated by a member of The Orlando Garden Club, orchid supplies, and approximately 1,000 flower pots were delivered to Raiford Prison this year along with a large

supply of books for their Horticulture Library.

Our District Anti-Litter Chairman has proposed that all members in VII should be urged to attach an anti-litter sticker on their car bumpers.

Arbor Day was observed by most all clubs planting trees in their communities, many having ceremonies at the local schools.

Holiday flower shows, plant exchanges, and plant sales enjoy a great popularity among our members.

Enthusiasm has run high this past year in District VII as evidenced by the attendance at our Presidents' Round-Table Forum last Fall and with more than 200 members present at all district meetings.

28 State Awards were applied for and 9 National Awards.

This Director appreciates the wonderful cooperation she has received from all Club Presidents and District Chairmen during her term of office. It has been a very rewarding two years for me and I wish continued success to all District VII Clubs.



THE SMART PLACE TO GO . . .  
FOR GOOD THINGS TO EAT !

## Blanche Covington Nature Study Course

MRS. G. SAWYER LENNARD

Since 1968, 43 new campers have been welcomed to the Blanche Covington Nature Study Course. A week of work and play, co-sponsored by the Florida Federation of Garden Clubs, Inc. and the Division of Recreation and Parks (formerly the Florida Board of Parks). Several have returned from the early 60's. Yes, we have a few that never return, but those that do, are devoted, dedicated women giving of their time and many talents to teach our young people to love and enjoy, rather than abuse and destroy the world in which we live.

The 1971 camp week will be held March 28 - April 3 at St. Andrews State Park, Panama City. There

will be daily programs on Birds, Botany and Handcrafts. Guest speakers will include Mrs. Maurice S. Dillingham, Mr. Ney Landrum, Dr. Robert Ingle, Mr. Thomas Anderson and Mr. Pete Seiler, stressing many points of Conservation, from protecting animals to "should we farm the ocean"?

If you are interested in any form of youth work, and would like to become a member of this wonderful group, contact your District Director. She has application forms.

This is a unique program in Florida, that we hope will spread throughout our nation.

### wonderful news from Gro-Tone Super Plant Food

**new!  
PELLETIZED**

Gro-Tone Pelletized Weed & Feed combines a premium quality, long-lasting plant food containing organics, chelated iron and vital elements with an amazing weed killer for St. Augustine, Zoysia and Centipede lawns.

Use these other Gro-Tone® "Prescription Foods" Camellia-Azalea-Gardenia Special, Rose Special, Citrus Special, Palm & Ixora Special... And these... Gro-Tone Soluble, Bed Mix, Floraganic®, BLOOMaster®, • TM

all have Special Formulas for Florida soil / QUALITY BY WILSON & TOOMER



Florida's most famous premium formula now fortified with Organics, Chelated Iron and Vital Elements!

**new!  
PELLETIZED**

Gro-Tone Pelletized Lightweight Lawn Special has the famous, proven, premium Gro-Tone formula in concentrated easy-to-use form. Only 25-pounds covers up to 5,000 sq. ft. Contains organics, chelated iron and vital elements.



## Passing . . . Look . . .

Leading the nation in total membership (30,000 Plus) the Florida Federation of Garden Clubs, Inc., has achieved one of its goals of being the largest organization of its kind in the world. Also, it leads the nation in Blue Star Memorial Markers.

FFGC's abiding forces are: conservation, horticulture, civic beautification and environmental improvement. The 1,116 clubs/circles incorporates these forces into their monthly programs, and participates in continuing educational programs, which includes working

with adults and youth.

Our organization's conservation program under the leadership of Mrs. Maurice S. Dillingham ("CONCERN TODAY FOR TOMORROW") has been promoted throughout the state.

The Florida Gardener and Book of Information keeps all members abreast of current goals and achievements.

We, FFGC, are proud of our background and hope our contemporary programs will serve future generations.

Mrs. Zelda Wyatt Schulke, National Flower Show Instructor now resides in Florida, her address is: 129 East Palm Avenue, Nokomis 33555.

Her experience covers many years of teaching at the Cleveland, Ohio, Garden Center, television flower arranging and lecturing in nearly every state in the United States.

(Factual information by: Mrs. Guy Yaste, FFGC Chairman of Instructors).

### new, fine-quality Hughes Blu-Green Plant Foods now available in southeast Florida

Hughes BLU-GREEN PELLETS are a quality formula of primary and secondary foods, fortified with Chelated Iron and Vital Elements. Clean, long lasting. Here's the easiest way to have a beautiful, healthy lawn and flowers, trees, shrubs and vegetables, too!



Hughes BLU-GREEN Pelletized Weed & Feed contains a complete, quality plant food with Organics, Chelated Iron and Vital Elements, plus control of most weed pests in St. Augustine, Zoysia and Centipede lawns.



Take advantage of these other fine Hughes Plant Foods BLU-GREEN Bloom Special, BLU-GREEN Fruit Tree Special, BLU-GREEN Palm Special, BLU-GREEN Rose Special, Blu-Organic, FVH Gardenia Special.



Hughes BLU-GREEN Pelletized Lightweight Lawn Special is a premium plant food containing Organics, Chelated Iron and Vital Elements in a concentrated lightweight form for easier handling. Just 25-pounds covers up to 5,000 sq. ft.

all have special formulas for Southeast Florida soil, by the makers of Gro-tone Super Plant Food.

# "Oklawaha Imperiled By The Cross Florida Barge Canal"

CHARLES STARLING

United States Department of the Interior has completed an investigation of the alarming population decline of many North American wildlife species. The preliminary report listed 40 kinds of birds and mammals that have become extinct within the past 150 years; more than half of them since 1900. Worse still, an even greater number is faced with extinction in the near future. Only by immediate, vigorous action to promote their increase will these indangered species have the slightest chance for survival. Yes, in the name of progress, we still rush to drain our marshes, cut down entire forests, spread poisonous chemicals and in many other ways seriously damage wildlife habitat. Only when people become aware of the interdependence of all life forms can we hope to correct our ecological ignorance of the past.

Today the Oklawaha ecosystem, named by the Indians meaning "Great River", is imperiled by the Cross Florida Barge Canal. It may have been named "Great River" because of its abundant fauna. One-hundred and ten species of fish, over 300 species of vertebrates, along with hundreds of species of invertebrates, are dependent to some extent on one another and the diverse regional vegetation and soils complex for their existence. Many, but most importantly the game fish and those animals requiring large wilderness expanses such as deer, bear, eagle, and panther, have their existence threatened in the area. A few rare species

that presently survive only in the Oklawaha ecosystem may become extinct.

Can we use the Oklawaha in its natural state? Yes. There was a colorful link used by blockade runners between the Atlantic and the Waldo Railhead during the Civil War, and since that time has been a major tourist attraction. Early steamboat cruises followed the meandering river from Palatka to Silver Springs and some passengers often went on to Lake Harris. Part of the trip was an awe inspiring voyage at night with fat-wood fires and iron baskets slung out from the forecandle. Extravagant praise was heaped on the river by such famous visitors as Ulysses S. Grant, Harriet Beecher Stowe, William Cullen Bryant, Marjorie Rawlings, who of course lived near Silver Glenn Springs and brought fame to the area in *The Yearling* and other cracker stories. In 1963, the river was considered by the Bureau of Outdoor Recreation for inclusion in the national system of wild rivers.

What's the history of the barge canal? Well, a canal across Florida was first proposed by Philip the II of Spain, Andrew Jackson whose army marched into Florida during the early 1800's, and by John Quincy Adams. The canal was reconsidered every 20 - 25 years but was never found practical, even by private interests during boom times. Finally in 1935, during the depression years, construction began on a sea level ship canal but it was stopped a year later because of ground water contamination of the

Floridan aquifer and lack of funds. Five and four-tenths million dollars had been spent. Still, canal proponents lobbied for completion mainly for three reasons: politicians to gain patronage, contractors to get a chunk of federal funds, and finally some people believed that the way to stimulate economy was to spend money.

Then came Congressional approval in 1942, war time, to protect military shipments. The benefit to cost ratio there not given has been estimated to have been less than .2 (benefits) to 1 (spent). In 1951, the Deputy Secretary of Defense sent a letter to the President stating the opinion of the Joint Chiefs of Staff that military benefits from the canal would be so limited they should not be used as a primary justification for construction. Not until 1958 did canal proponents come up with the all important benefit to cost ratio greater than 1 to 1. However, construction did not begin until 1964 with completion scheduled for 1970. At present though, the canal is only one-fourth finished with one-third of the budgeted funds spent and is clouded in controversy. Among the critics are many noted economists, ecologists, biologists, geologists, hydrologists, agronomists and naturalists. Notable items of disagreement are economics, pollution, and recreation. It is claimed by these critics that in order to justify construction, budget figures were manipulated to obtain the favorable benefit to cost ratio. Specific items include unrealistic interest rates, interest on capital cost was figured at only 3.8 percent, and discount rate on facilities of 2.9% is lower than the 4.6% guidelines set by Water Resources Council of the Govern-

ment's Executive Branch. The last item alone would make construction doubtful according to some economists. Meanwhile, enhancement of land values by flood control and land fill has a project increase of 8% per annum, contradicting the low rates applied to cost items.

Land enhancement brings to focus a point that the public generally does not realize. After the barge canal, we will have to cry a river because the Oklawaha will be gone completely as we know it today. There will be no swift meandering stream, only a sluggish, straight channel ditch. If you think this is not degradation, visit the Kissimmee that was shortened by half its length and made almost useless for fishing. There will be no giant hardwood forests towering above and hanging limbs of shade across the river; there will be no landscape, no horizon, only earthen, weeded banks to each side and what is beyond cannot be seen, only the ditch straight ahead, mile after mile after mile after mile for 107 miles. That will be the planned recreational sightseeing tour along the Cross Florida Barge Canal. It is difficult to visualize recreational gain in such a large ditch. The real intent is cultivation of industrial and urban development and subsequent irreparable damage in the Oklawaha ecosystem. Must we believe that no space is available for our society growth on land other than encroaching on the few remaining wilderness heritages that will be desperately needed not so far in the future as retreats from the concrete jungle.

Let us return though to economics. The Corps of Engineers currently lists a transportation savings of \$70,000 to commercial fish-

ing boats. The economic gains credited to recreational boating were projected from boat usage on the Oklawaha and surrounding area prior to any impoundments. The Oklawaha maintained heavy boating in its natural state primarily because of its aesthetic beauty. Boating traffic so heavy in fact that river fishermen were discouraged by the wakes, particularly on Saturdays and Sundays when weekly boat-cades between Jacksonville and Ocala were popular. There is not much reason to believe the area will attract such heavy boating after completion of the canal because of the degradation mentioned before. Therefore, where individual benefits have been credited to fishing, boating, camping, swimming, picnicking, and sightseeing, it seems that many of these benefits are actually duplications of one another. Instead of the predicted gains, the area may sustain a usage loss because of degradation. The Federal Water Pollution Control Administration predicts that in the long run the Cross Florida Barge Canal may become like Lakes Apopka, Dora, Eustis; that a blue-green algae scum may coat the reservoirs. Circumstances now indicate the area is rich in nutrients and indicate weed and algae problems in the future. Already, weeds grow prolifically.

An agronomist with the Department of Agriculture has estimated control of aquatic weeds in the canal may cost as much as \$10,00 per mile per year. The U. S. Geological Survey found areas within the canal where leakages will occur, carrying any pollutants to natural discharge points such as Silver Springs within about 140 days after its spill. It can be pointed out that the canal traffic will commonly

carry some toxic chemicals such as anhydrous ammonia, chlorine and petroleum products. And by experience we all know some accidents will occur regardless of how hard we try to prevent them. This brings to mind the hold and safe clause whereby we, the taxpayers, are liable for damage suits resulting from construction, an item not included incidentally in justification analysis. Other costs the taxpayers will bear, according to Florida defenders of the environment, and that are not included in benefit to costs, are part of the recreation sites and loss of transportation revenue, since the barges pay no-user fees such as road taxes levied on trucks and etc.

In summary, it is almost certain that extensive ecological damage will occur to the Oklawaha ecosystem as it exists today. The transportation savings alone by no means justify building the Cross Florida Barge Canal. Without recreational benefits, the benefit to cost ratio is not favorable to construction.

Do we really need the canal in order to progress? Look at it this way. The canal, once constructed will be permanent, and no genuine ecological study has ever been completed. May we all resolve that there is enough criticism from authoritative sources, that time is not of essence. Right is more important. A moratorium on construction should be supported until a complete, objective study is finished by scientists and specialists of each concerned discipline involved.

## District VIII

MRS. DEWEY R. VILLAREAL, JR.,

*Director*

The 1970-71 garden club year had an exciting start with the announcement of a district Un-Can-Nee contest. Sponsored by the district, with award money provided by the district anti-litter chairman, the reclamation of aluminum cans spurred garden club members to enlist the help of their friends and other organizations in cleaning up the aluminum can litter from beaches, highways and parks. Juniors, geriatrics and just about everybody, carried cans to Reynolds reclamation center, receiving ten cents per pound of aluminum for their efforts.

Money from the Un-Can-Nee contest and the many successful Christmas bazaars helped clubs in District VIII to donate generously to camperships, teachers' conservation scholarships, world gardening projects, Conservation 70's, and therapy programs.

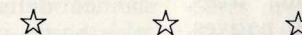
Two flower show school series and one symposium were sponsored within the district. Flower shows have run the gamut from small closed shows for learning purposes to extensive shows with separate junior shows. There is certainly evidence that learning is paying off in better organized, more beautifully presented flower shows.

Four youth leaders attended Blanche Covington Nature Study Course. All of them work directly with young people. The District

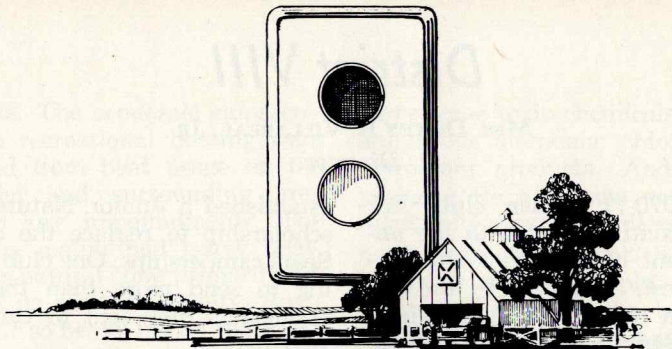
established a Junior Nature camp scholarship to replace the defunct Sears camperships. One club is aiming to send more than the forty youngsters they sent to camp one year ago.

Decentralized program / award workshops of 1970 gave way to a massive THINK TANK in the spring of 1971 where program ideas, speakers lists and materials, slides and films were available for reviewing. Materials available from state and national headquarters were emphasized along with films and slides from state and federal agencies. Gathering and presentation of program materials and related awards is the responsibility of the District VIII board.

Generally, garden clubbers have broadened their scope by participating in their local conservation organizations, making their views known at hearings, and by becoming members of advisory and regulatory bodies. They've planted azaleas and oak trees in parks, landscaped school grounds, hospital patios and nursing homes. They've provided tray favors and flowers for veteran's hospitals and nursing homes regularly in addition to holiday times. They are gardening, teaching young people, sharing and growing into better human beings. Eight is Great because its members care about their world.



**URGENT REQUEST TO ALL FFGC MEMBERS:** Please write — President Richard M. Nixon; The White House; Washington, D.C. 20515. Thank him for halting construction of the Cross-Florida Barge Canal. NOTE: By means of this positive action, future environmental-conservation issues will be benefited also. Mrs. John Kressman.



## The farm of tomorrow ...today.

All-electric farms aren't just a dream of tomorrow. They're working today. With push-button feed handling, electric irrigation, electric barn ventilation, and much, much more.

Want help or advice for electrical up-dating?  
Just call us.



## PLANT DISTRIBUTION

We want you to THINK OF GROWING PLANTS and request the 1971 plant list NOW!!! Mrs. Wm. Knox was able to get the beautiful blue flowered *Solanum havanensis* to sprout, consequently it will be offered again in 1971. First come, first served!!! There will be choice plants for collectors. A few are: *Myrtus communis* (Biblical); potted plants — a *Begonia* and *Alocasia wavrini*; a basket specimen related to the *Hoya* — the *Dischidia*; an unusual small tree with showy coppery leaves — the native satinleaf (*Chrysophyllum oliviforme*). Offered regularly are ferns, bulbs, flowering trees, palms and other beautiful natives.

The 1970 list included: the popular *Iris savannarum* grown throughout the state, *Peperomia rubella* with its tiny red leaves, *Huernia*

*schneideriana* and *Euphorbia lophogona* for succulent lovers and *Cyperus haspan viviparus*, a water plant which the New York Botanical Garden wanted.

Do you want your life to be more exciting, interesting and enjoyable . . . try growing, *join Plant Distribution!!!* Write: Mrs. Philip James, 5620 S.W. 67th Avenue, Miami 33143, or Mrs. Wm. Knox, 649 Isle of Palms, Fort Lauderdale 33301, for complete information.

Plants may be picked up at either of the above addresses, but please, make arrangements (date/time) before coming for them. We cannot deliver plants, but State Board Members are usually happy to pickup plants at board meetings and take them to almost any area of the State.

## Tropical Short Course — 1971

In spite of two unusually chilly days for Miami, concerned gardeners and devotees of the art of flower arranging turned out for TSC 1971 at Beaumont Lecture Hall, University of Miami. It was especially good to see so many of our Federation members from other districts. Nine of the twelve districts in Florida (1, 4, 6, 7, 8, 9, 10, 11, 12) were represented. Visitors from the states of Connecticut, Michigan and Washington, D.C. were also present. Sixty-seven percent of total registrations were from district XII, representing twenty-six garden clubs. The Coral Gables Garden Club and the Coconut Grove Garden Club shared honors for having the greatest representation.

Popular Florida arranger Bob Thomas presented two separate, all new programs: one, emphasizing the oriental influence, both traditional and modern; the other, emphasizing creativity. Of special interest to the audience was Mr. Thomas' original and distinctive use of plant material from Miami gardens.

An unpredicted and violent snow storm in New York City, which caused the airports to shut down, prevented Mr. Jonathan Rinehart of Eastern Airlines from making an appearance. But one of the most popular speakers with Florida gardeners, Dr. Taylor Alexander, came to the rescue with another thought-provoking lecture on "Threats to Natural Communities," which he had given as part of a roundtable, sponsored by the United Way of America, the week before in Miami Beach. Dr. Alexander referred to natural communities as any non-

man-made assemblage of plants and animals sharing a common environment and something of a common history and functioning as a highly interrelated unit. These communities are not accidents of nature. They develop in a series of predictable stages or steps that the ecologist refers to as a "sere." This orderly process may take hundreds and even thousands of years. When the stage is reached in which plants and animals are in equilibrium with the physical environment and each other, this stage is called the climax community. Ordinary climatic fluctuations and natural minor disasters can be absorbed and the community stays stable. Modern man however has technology to move mountains and waterways, change the climate and spread all sorts of pollutants — all major disasters — we cannot damage these natural communities and expect them to remain unchanged. Just the act of going to look at its beauty is a problem, i.e. a 100 lb. girl walking on 1/4 inch heels exerts a force of 2,000-3,000 lbs. per square inch. 1,500 lbs. psi is the allowable bearing stress for concrete. An elephant walks at 50-100 psi. If the structure of a climax community is lost to man's activity, the only way to get it back is via the lengthy process of succession — and maybe not at all. It cannot be replanted. There are too many variables to take into account and many are not even known or suspected. Since seres are reckoned in 100 or 1,000 years, the loss of a mature ecosystem (a community and its physical environment) is as permanent on the time scale of civilization as the extinction of a species. Man

is faced with *value decisions*. Do we need to set aside natural communities for future men to enjoy? Do we need all autos we have? Do we need more roads? More electrical power, etc? Honest differences of opinion need to be evaluated in the light of a worsening environment. Pollution, when found, needs to be subjected to certain criteria. Some forms can be tolerated for awhile, while others need immediate attention. Dr. Alexander stated that the future looks better as the government and private sectors at all levels are seriously considering environment for the first time. All should remember, as long as there is man in his present or larger numbers, we have to accept that our environment will suffer degradation. The present generations have to make the decision as to the quality of the environment of the future. Existing natural communities need careful handling if we are to protect the creation of natural processes. Man needs to remember these are the results developed in time for greater than man's presence on earth.

Pursuing our theme of *Concern Today for Tomorrow*, and the importance of a good stable environment, a panel discussion accompanied by slides, featured Dr. Robert Conover and members of the staff of the Sub-Tropical Experiment Station at Homestead, which is the research unit of the University of Florida Institute of Food and Agricultural Sciences.

#### Fruits and Their Uses—C. W. Campbell

Emphasis in fruit crops research at the Sub-Tropical Experiment Station is placed upon variety improvement and

cultural practices. In all of the work, consideration is given to improvement of the total environment. Fruit crops are important in the diet of man not only because of their nutritional value, but because of their esthetic value. Many fruit crops make beautiful ornamental plants and can be used to advantage as shade trees, hedges, windbreaks, and sources of food and shelter for wildlife. Specific fruits discussed and illustrated were avocado, Barbados cherry, carambola, guava, lime, loquat, lychee, mango and sapodilla. All of these were recommended for planting in the home garden.

**Ornamentals: Diseases and Culture—**  
Robert B. Marlatt

A misleading caricature of a gardener controlling plant disease consists of a person with a spray-gun, squirting fungicides onto the landscape. Actually, spraying is only one of a couple of dozen ways of controlling plant-diseases. It is not the preferred method; it is the last resort! Diseases can be prevented before planting by selecting healthy, disease-resistant plants, treating them with heat (if necessary) and using sterilized tools and containers. A potting mixture best suited to the plant should be pasteurized and the plant located in an environment in which it grows best.



Classical Japanese Arrangement, old bronze container Podocarpus, weathered wood and white lilies.

After planting, disease can be minimized by avoiding plant injuries, except for judicious pruning and roguing, irrigating in the morning so that the plant is not wet all night, applying fertilizer chosen for that particular plant and eliminating weeds. If a plant becomes sick despite all these precautions, do not immediately grab your sprayer; ask your County Agricultural Agent for advice.

#### Biological Control of Insect Pests— R. M. Baranowski

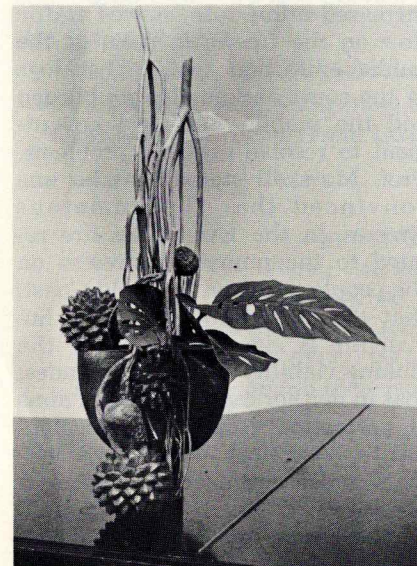
The University of Florida's Sub-Tropical Experiment Station has been conducting research on biological control studying methods of reducing insecticide usage for several years. As a direct result of these studies the use of DDT on vegetable crops in Dade County was sharply reduced several years ago allowing naturally occurring parasites to build up sufficiently to reduce serpentine leaf miner populations to such low levels that leaf miners are no longer considered serious pests of vegetables. Recently a parasitic wasp, imported from Trinidad, was released in several areas in Dade County. These wasps only attack fruit fly larvae. To date the results have been highly encouraging. In the 2 areas where the first releases were made, the Caribbean fruit

fly populations were reduced nearly 50% during July, 1970.

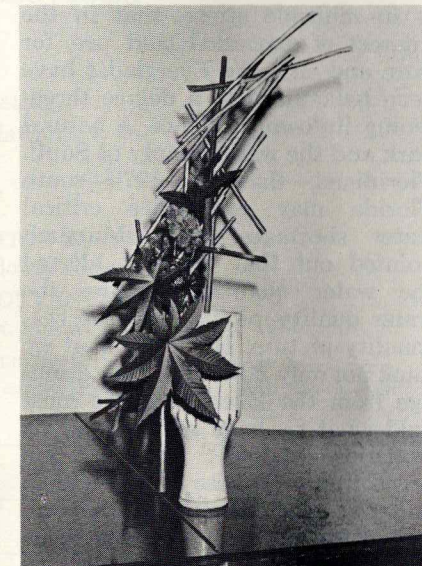
#### Agricultural Research and Improvement of the Environment—R. A. Conover

Scientists at the University of Florida Institute of Food and Agricultural Sciences throughout the state are engaged in many diverse research programs designed to improve the environment, or to lessen the impact that agriculture has on it. Some examples of such research programs include biological control of aquatic weeds; breeding of new varieties of vegetables, fruits and ornamentals resistant to the attack of diseases, insect pests and nematodes; utilization of agricultural wastes such as citrus pulp, bagasse, cull produce and animal manures; and methods to reduce the leaching of fertilizer which might enter the ground water supply. Agriculture depends on a good and stable environment. Agricultural research seeks means not only to "preserve today for tomorrow" but also to make tomorrow better than today.

Continuing with the thesis that research today is planning for tomorrow, Dr. Read's lecture on Thursday reviewed the history, present and future in Horticulture



Modern Japanese container dark green in color, Mitsumata dyed green, Pandana fruit and cut leaf philodendrum, style: modern free style, Ohara School.



Modern Japanese container dark green of short peices of Mitsumata, castor Bean foliage and berries dark red in color.



research and his talk was accompanied by slides. He spoke of air pollution and its effect on plants, evaluation and screening of introduced plants, the great potential in the Tropics for varieties in species, the success of growth chambers, tetraploid ornamentals, resistant forms to virus and fungi, chemistry of color and plant regulators. Dr. Read included among the slides, many beautiful views of the tropical flowers and plants in the magnificent gardens of the Royal Botanic Garden Perodeniya where he was stationed when he headed the Flora of Ceylon Project for Smithsonian Institution.

Professor Arthur Marshall of the University of Miami was the closing speaker of the conference in a penetrating discussion of the water problems of Southern Florida and the future of the water supply of Dade County. He pointed out that the water basin of the Everglades is in multiple stress, that in the interest of expanded land use, for farm and city, the Everglades have been balkanized to a degree threatening its own existence, a natural park and the water supply of South Floridians, that by 1976 south Florida may experience critical water shortages. Prof. Marshall pointed out that we have altered the water quantity picture, the water quality picture and the seasonality picture. He stated that we must not only *halt* all further drainage from the Everglades, we must hold what we have and expand its wetlands wherever possible. He urged that we advise canal builders and our elected officials that we intend for our public monies to be spent on useful purposes such as retaining water resources. Among other problems we have generated for the future is the consumption

of the Everglades muck. Soil authorities, he said, give it a life of 30 years, and we have concurrently destroyed the mechanism which produced that much over thousands of years. Another problem is the spread of trees which were imported (Brazilian pepper, Australian pine, Melaleuca) and which will change the character of our environment unless controlled.

Professor Marshall referred to the enrichment of lakes in Florida as an example of the curve of stress. As nutrients are added to a lake, its resources decline: algae and rough fish flourish, odors emanate from the lake and the bottom is blanketed with ooze. This critical level comes abruptly — often beyond the range of human experience and rarely can it be foreseen. Curative measures, if possible, must be drastic. In society, this curve of stress operates in association with increasing population density: increased crime rate, slowed traffic flow on the freeways, costs of the public education system, backlogs in the court docket, the tax burden and the inability of local government to resolve pressing problems. Prof. Marshall stated that he was convinced that the numerous stresses in the Everglades are related to the numerous stresses on the people living on the Gold Coast; that the decreasing quality of human life is signaled to us by the sinking viability of the Everglades; that in neither case are the old aims of promotion growth and development compatible with these systems under duress; that there is a possibility of social and environmental forces moving beyond our control. This should be of concern to everyone!

He said however, he was not pessimistic. He was encouraged by

the action of the President in stopping the Cross State Barge Canal and urged everyone to write to the President showing support, and recommended that a bill be introduced to disband the Cross State Barge Canal Authority. He urged protection of the drainage basin of the Big Cypress, and closed his lecture with "I don't think we'll ever see an airport in Big Cypress."

Professor Marshall's humanistic,

thoroughly professional approach to the problems of the Everglades, his enthusiasm and attitude of hope made for an inspiring conclusion to our two-day symposium CONCERN TODAY FOR TOMORROW.

Erma Kytan  
Chairman, T. S. C.  
Feb., 1971

## FLORIDA COUNCIL FLOWER SHOW JUDGES CONVENTION

Americana Hotel, Bal Harbor, Florida

Thurs., May 20, 1971

Luncheon

12:30 P.M.—National Council State Garden Clubs

PROGRAM: "Flower Discoteque" Florida Judges

3:00 P.M.—Workshop—Revised Handbook

Fri., May 21, 1971

F.F.G.C.—Annual Meeting: See Jan.-Feb. Gardener for details

4:30 P.M.—Judges Council Board meeting

Sat., May 22, 1971

8:00-9:30 A.M.—Registration

9:30-11:30 A.M.—Business meeting

11:30 A.M.—Brunch and Installation

### REGISTRATION BLANK

Florida Council Flower Show Judges

#### ANNUAL CONVENTION

Americana Hotel, Bal Harbor, Florida — May 20-22, 1971

Thurs., May 20 — NCSGC, INC. Luncheon (Reg. incl.) \$7.00 \$ \_\_\_\_\_

Sat., May 22 — Brunch (Reg. incl.) ..... 7.00 \_\_\_\_\_

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## At Dirksen Memorial Garden




Left to Right — Mrs. James Wallin, Mrs. Everett Dirksen, Mrs. Creston Overstedt and Mrs. Donald Middleton.

Hundreds of visitors thronged through the memorial garden tribute to the late U.S. Senator Everett Dirksen — a garden of marigolds on the grounds of the De Bary Chamber of Commerce. A plaque honoring our last resident

was unveiled by Mrs. James Wallin and Mrs. Creston Overstedt, current and former beautification chairmen of the De Bary Garden Club.

Rev. Lewis W. Bullard, pastor of the First Presbyterian Church, De Bary, offered the invocation after which Mrs. Louella Dirksen accepted the memorial plaque and told of her husband's efforts to have the Congress vote the hardy marigold as our national flower of the U.S. Representatives of various organizations and clubs paid tribute to the memorial of Senator Dirksen and heard the Garden Club officers, with Mrs. Donald B. Middleton, immediate past president tell of the 300 marigold seedlings presented to the Garden Club in '69 when the garden for civic beautification was established. She announced that the program for this year of the Garden Club is dedicated in honor of De Bary's famous citizen and friend.

Rev. V. J. Ragsdale, pastor of the Community Methodist Church, De Bary, offered the benediction.



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