



the florida
gardener
january-february 1980

Curriculum: the courses offered—

Tropical Short Course—Miami, Jan. 29-30—For all those who want to know more about horticulture, floral design and conservation, particularly as it applies to Florida. No exams, no credit, but lots and lots of expert information for garden clubbers and non-garden clubbers alike.

Cruise Symposium—Feb. 10-17—Who could resist upgrading their judging certificate and having a glorious week cruising the Caribbean at the same time? A fully accredited symposium, with outstanding instructors—Mrs. Nelda Brandenburger of Sacramento, Calif., in Floral Design, Horticulturist Herbert Gundell of Denver, Colorado, and Florida's own Sally Rahm. Topics covered will include "Judging Collections and Displays," "Creativity—the Force Within," "Flower Show Evaluation," "A New Look at Flower Arranging," "Arboreal Classes" and Aralias, finishing up with just-for-fun arrangements by volunteers. Now, this sounds like a great vacation!

Gardening Study Course—Tallahassee, Feb. 25-27, Series II, Course 1. A new series starts in this "in-depth," multi-faceted study of horticulture as it pertains to Florida. Courses do not need to be taken in sequence . . . each is an entirety in its own. These courses are for the student who is seriously in pursuit of horticultural knowledge.

Short Course—Gainesville, March 3-5. Short Course, like Tropical Short Course, is for the garden clubber or general public—anyone interested in updating their knowledge of what's new and interesting in the horticulture and floral design world, but requires no examination or accreditation, is not so detailed as the Gardening Study Courses, nor as technical as Symposiums. This course is located in Gainesville for easy access to gardeners of northern and central Florida and is a good get-together for people with a common interest . . . entertaining and educational all at the same time.

Gardening Study Course—Melbourne, March 25-27, Series I, Course 4. The last of a four-course series, this Study Course, like the Tallahassee Course, is geared to the student who wants to go beyond surface knowledge of Florida horticulture. You won't get your Doctorate after attending these courses, but you will know a lot more than you did before you started!

Blanche Covington Nature Study Course—Wekiva, April 13-18. Five days at Camp for those who are, or who intend to become youth leaders. This course will give you the education to teach and inspire young people in the wonderful world of nature. Three scholarships (free) are available for each district. Contact your District Director for more information.

Landscape Design School—Winter Park, April 21-27, Series XII, Course II. *Local chairmen:* Mrs. Charles Vale, 3600 N. Chickasaw Trail, Orlando 32807; Mrs. J. R. Myers, 2560 Tuscalossa Trail, Maitland 32751. Landscape Design Schools provide authoritative instruction by professional Landscape Architects in a wide range of landscaping areas . . . from home gardens to the urban community, including public parks, school grounds and many other areas.

Landscape Design School—Chipley, May 19-21, Course IV. *Local Secretary:* Mrs. George W. Horne, Rt. 1, Box 175, Chipley 32428. This course will conclude the series of four Landscape Schools provided for the panhandle region.



Volume 28, Number 3

(ISSN 0426-5750)

January-February, 1980

THE COVER

Plant Gold in '80—in honor of National Council's 50th Year, and celebrating Arbor Day—January 18, *The Florida Gardener* presents the golden glory of *Tabebuia chrysotricha*—a rare variety of *Tabebuia* not widely grown, but compatible with Florida temperatures from Orlando southward, as evidenced by this beautiful specimen growing in Cypress Gardens, near Winter Haven. *Photograph courtesy of Cypress Gardens.*

DEADLINES—for March/April, 1980 issue—*Editorial*—Jan. 15; *Circulation and Advertising*—Feb. 1

CONTENTS

Arbor Day	3	National Life Memberships	8
Book Briefs	7	Orchidaceae	12
Deep South Convention	15	Penal Therapy	6
Floral Design	20	SEEK '80	27
Flower Show Calendar	18	Short Course	10
Flower Show Schools	19	State Convention	24
Food Gardens	12	State Life Memberships	22
Liliaceae	13	Wekiva '80	27

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

399 Clubs 647 Circles 29,809 Members

10 Probationary clubs—247 Members

PRESIDENT: Mrs. John G. Wood, Lake Otis, Winter Haven 33880

HEADQUARTERS: 1400 Denning Drive, Winter Park, FL 32789

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

Telephone: 305/647-7016

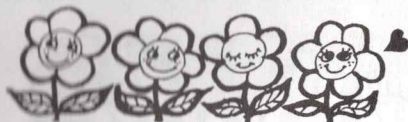
Editor—Mrs. William B. Lemons, 1330 E. Lake Cannon Dr., Winter Haven 33880

Circulation—Mrs. Rick Simmons, P.O. Box 1604, Winter Park 32790

Advertising—Mrs. Crowell Dawkins, 4705 Clear Ave., Tampa 33609

Published bi-monthly, September through June, 5 times a year, by the Florida Federation of Garden Clubs, Inc., a non-profit organization. Subscription \$1.00, included in dues, \$1.25 per year to non-members, 35¢ per single copy, 50¢ single copy of back issues. Second-class postage paid at Winter Park 32789 and at additional mailing offices.

Postmaster: Please mail form 3579 to The Florida Gardener, P.O. Box 1604, Winter Park 32790



Garden Path

We salute the decade of the '80s and hope that for each of you the year ahead will be a happy one and the years to follow filled with exciting new dimensions in our world of gardening.

One of the events your President looks forward to in the year ahead is attending the National Council of State Garden Clubs Convention in Oklahoma City. There, on Awards Night it will be with enormous pride that she accepts the honors that your efforts bestow upon the Florida Federation of Garden Clubs. Your presentations and those of our dedicated State Chairmen have been received, and your Federation Awards Chairman is now busily engaged in sending out entries to the National Council Awards Chairman. Why not plan now to attend National Convention and be with us on Awards Night? If you plan to attend and would like to be considered as a delegate, please drop us a line.

The Deep South Regional Convention will be held in Biloxi, Mississippi this year—a delightful place to visit. The tentative program for the convention is included in this issue. Conventions are for all garden club members, their spouses and friends! The Deep South Convention is a "family affair", where we meet with our sister states of Alabama, Georgia, Louisiana, Mississippi and Tennessee to discuss projects of common interest, such as the marking of the Bartram Trail (Sept./Oct. '79 Gardener). Deep South Convention is a place to meet fellow gardeners from neighboring states and make new friends. The Deep South Regional Director, Virginia Lacey, issues each one of you a cordial invitation to attend. Again, please drop us a line if you plan to be present so we can make plans for making you feel "at home".

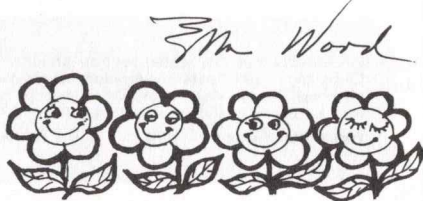
Awards night at our own State Convention is for many, the highlight of our convention. January 30th is the deadline for mailing your club's Books of Evidence to the designated chairman. Winning awards is not just recognition for superior efforts, but also a valuable educational

tool where others benefit from your experience, as outlined in your Book of Evidence. So, let's communicate and share! We look forward to seeing many of you in the winners circle at Lake Buena Vista on Awards Night, May 1, 1980!

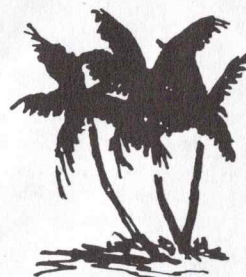
Shortly after January 1st you will receive the forms for your club's report to the President. We ask that you complete your reports and mail them by the deadline date, February 15th. Each report is a vital link in our Chain of Communication! These reports are used to prepare FFGC's report to the Deep South Region and the National Convention. The report we make is of your accomplishments and it cannot be made without your help and cooperation.

Environmental concerns became very much a part of our national scene in the '60s and continued with ever increasing emphasis throughout the '70s. The decade of the '80s will see many decisions made concerning the environment. Foremost will be the development of alternative sources of energy. Prepare yourself to take intelligent action in energy requirements and other environmental decisions that we will face by participating in the Environmental Education Workshops of FFGC. An FFGC workshop, sponsored by District 5, will be held at Withlacoochee Training Center on February 1-4. Clubs should encourage their members to participate in this program. A way to encourage participation is by providing the interested member with a scholarship. The Environmental Education Workshop is a non-profit project. The only fees charged are those necessary for room, board, materials and instruction. Show your concern for the environment by attending and encouraging others to attend.

The Garden Path for the new year ahead is filled with programs and projects as the one we just said goodbye to. Isn't it wonderful to have so many opportunities to meet together and to communicate to each other our love and interest in our own special world of gardening?



THE FLORIDA GARDENER



Arbor Day

January 18, 1980
Mrs. Robert E. Mills
Trees Chm.

Arbor Day observance was started in 1872 in Nebraska to encourage Americans to plant trees. Conservationists of those days had become alarmed over the razing of the nation's forests and smaller wooded plots. They would really be concerned today. Every year, more than a million acres of greenery are paved with masonry and concrete to house expanding populations.

Yet our modern life requires increased masses of greenery. About 78 trees are needed to absorb carbon dioxide and produce oxygen to maintain the balance in the atmosphere for every person. Twenty trees are required to offset the effect of a car driven 60 miles in one day. And more than 100,000 trees are needed to cancel the atmospheric pollution of one round trip coast to coast jet.

Trees do more than yield necessary oxygen. Their shade can cool a city street as much as 10 to 15 degrees. Planted in the proper location a tree can drop the temperature from 3 to 12 degrees in your home and reduce power bills substantially. Leaves and branches filter out dust and sound waves, reducing noise from busy

roads up to 10 per cent. Trees, of course, also prevent soil erosion, conserve water, serve as windbreaks and provide habitat for wildlife.

Trees are true modifiers of the environment and now when we are very energy conscious it is important to use natural means of controlling our heating and cooling problems. For trees to do their intended job satisfactorily they must be selected carefully for specific needs and then watched until they become established.

If you need help in selecting the proper tree for an area call your local forestry representative and send for their newest booklet "Recommended Trees for Planting in Your Area" which is available for the six different regions of Florida.

Community beautification pays off economically as well as aesthetically. Does your community have the qualifications to be a TREE CITY USA? Check with your local forester for more information on this program.

Remember . . . When you say TREES, you've just got to smile!

"Each One Plant One"

Deep South Region Junior Project: Arbor Day Tree Plants

Goal: A tree for each Junior Gardener in each state

Project Year: Sept. 1, 1979 to Sept. 1, 1980

Award Applications: Include news, reports, two pictures each

Chairman: Mrs. Cecil H. Stanberry, (Deep South Region Jr. Gardening Chm.), 423 Central Ave., NW, Cleveland, TN 37311.

Exhibition 50

Organized as a tribute to mark the conclusion of the 50th Anniversary Year of National Council of State Garden Clubs, EXHIBITION 50 will take place in Washington, D.C., September 11-13, 1980. The impressive headquarters of the OAS, the Organization of American States Building, will be the setting for this international exhibition.

A preview of EXHIBITION 50 is scheduled before it opens to the general public. This reception will find National Council officers, presidents, club members and affiliate members joining together with special guests from the federal government, diplomatic corps, National Capital Area friends and guests for a gala evening.

Many stimulating and colorful events are being planned for this three-day event. Watch for publication of complete plans throughout the next few months.

JANUARY/FEBRUARY 1980

Memorial to Man's Dreams

By Bryce Nelson
(reprinted from the *Los Angeles Times*, Oct. 7, 1973)
Submitted by Thelma Yeats—Fort Ogden

BEE, Neb.—President Franklin D. Roosevelt saw with his own eyes the black blizzard of dust that whirled across the Great Plains in the 1930s.

His response was an audacious experiment to slow the wind and hold the blowing topsoil and swirling sand of the Dust Bowl on the vast, mostly treeless prairies. He ordered the planting of "shelterbelts" of trees and shrubs—222 million were put in, in a 200-mile-wide swath stretching from the Dakotas south a thousand miles into the Texas Panhandle.

Now, more than 30 years later, many of "F.D.R.'s trees" still stand—a living memorial to one of man's greatest efforts to control nature.

Although farmers and foresters would plant windbreaks somewhat differently today than was done in the "Dirty Thirties," most say, the shelterbelts have helped protect crops, cattle and humans from high winds, the arctic cold and the burning heat that the volatile seasons bring to the unsheltered plains.

Now, as the leaves go golden in the sharp, autumnal air, enthusiastic men and boys tromp along the windbreaks to hunt pheasants, quail, turkeys, doves or other game the trees have sheltered.

But the grandiose hopes of some of the more ardent advocates of the shelterbelts have become muted by the reality of nature.

"There was something of the idea of changing the Great Plains from the Great American Desert to the Garden of Eden" said Ralph A. Read, a Nebraska forester for the U.S. Forest Service, a leading authority on the shelterbelts.

In July of 1934, the nation's chief forester, F. A. Silcox, said that "this will be the largest project ever undertaken in this country to modify climate and other agricultural conditions . . ."

The operation was known as the Prairie States Forestry Project and it ran from 1935 into 1942.

The first announcement was grand indeed. The program was to cost \$75 million and was to spread a forest of trees across 1,000 miles to lessen "the desiccating winds of the Western plains."

From such announcements, it became fixed in people's minds that the shelterbelts would run in continuous north-south rows the length of the plains.

Instead, the belts were often planted in half-mile rows, usually in an east-west direction, to protect crops from the scorching summer winds coming from the south.

The 100-foot-wide belts, usually consisting of 10 to 15 rows, contained many species of trees. There were evergreens such as junipers and pines, as well as deciduous varieties such as honey locust, sycamore, green ash, Russian olive, cottonwood, Siberian elm and white willow.

In May of 1935, the program's first trees were planted in the sandy soil of a 160-acre cotton farm five miles west of Willow in southwestern Oklahoma. Those trees are standing today.

"They've done real good," said Horace E. Curtis, the owner of the farm and the "strawboss" of that original planting. "They've helped the crops tremendously. They're nice to have."

One purpose of the project was to provide jobs for the unemployed, and much of the work was done under the auspices of the Works Progress Administration and the Civilian Conservation Corps. The government provided the seedlings and paid for the planting; the farmers provided the land. In some cases, farmers planted their own belts.

If the trees were watered at all by man after planting, it usually was but once. The young seedlings were basically on their own, receiving their moisture from the capricious plains skies.

The government never spent anywhere near the \$75 million target figure; costs barely reached \$2 million annually in the eight years the program was operating.

After the program began, the drought on the plains eased and the dust subsided somewhat. The nation became much more concerned about the prospects of a second world war than about blowing dust.

No long after the United States entered the war, the Prairie States Forestry Project was ended. General responsibility for the trees was passed from the U.S. Forest Service to the U.S. Soil Conservation Service, and farmers no longer received major federal help to plant trees.

Despite the numbers, the federal windbreak project is, in many ways, a forgotten program.

Many of the younger people in the shelterbelt areas do not know why and when the trees were planted. Memories of the drought and dust have faded.

When the original planters sell the land, often to agricultural corporations, the attachment to the trees becomes less. And so, in parts of the plains, some corporations and some farmers are bulldozing the trees each month, burning the stumps and branches, clearing the land to plant more crops and make more money.

With the price of land and agricultural commodities as high as they are, some authorities predict the pressure to remove the shelterbelts will increase.

"Your shelterbelts were mostly planted by your older people. As these older people retire, the younger farmers will probably plow these trees out. With these young guys having to pay \$700 to \$900 an acre for land, it's too expensive to grow shelterbelts."

Carl Westerhoff, who farms near Bee, cut down his half-mile shelterbelt. He explained, "Land is too high priced to keep it in forest."

A neighbor, Vincent Boharty, disagreed.

"It's a shame these people are dozing out their trees; it only takes three or four acres and you make it back on your crops and livestock," he said. "These trees have kept the hot winds off my crops. I like trees—you can see that."

Another neighbor, Alvin Herrold, Jr., said he thinks the 36 acres of trees on his 320-acre farm "Has sure helped my crops." It also was a good place for "kids to play treehouse in," he said.

In some areas, local governments rent or buy pieces of roadside shelterbelts to use as picnic areas for travelers.

The Herrolds are firm believers that man does not farm for bread alone.

"The trees are so beautiful in the fall—the golds, the reds," Mrs. Herrold said. She takes pride that her Danish grandparents planted one of the first windbreaks in Antelope County to the northwest.

"I'm sure that the women were the ones who pushed tree planting on the plains, if only to have a friend," Read, the Nebraska forester, said.

E. L. Perry has written that the earliest settlers found the lack of trees on the prairies one of the hardest conditions they had to face. He wrote that insanity, especially among women isolated in their farmhouses, reached "an alarming peak among the new arrivals" on the treeless, windswept plains. "The plains turned many people back."

There is less feeling on the plains these days that trees are needed to stop wind erosion. Farmers now are much more likely to use stubble mulching, strip cropping, crop residue management and other methods to help keep the soil in place than they did 40 years ago.

Forestry experts now say that the 10 to 15-row windbreaks were unnecessarily wide; windbreak planning of one to three rows has been found effective and takes much less land.

The foresters also suggest the use of many more conifers than were planted in the original windbreaks.

Although many farmers who have shelterbelts seem to like them, most have done very little maintenance work on their trees.

"The old saying is that the plains farmer's hands don't fit an ax handle," Read said.

The shelterbelts are at a stage of maturity where increasingly the trees will die off as they fall victim to age. Unless many of the belts are thinned, renovated or replanted, they will be in such poor shape the farmers will have to take them out to remove the eyesore of a bedraggled, useless shelterbelt.

Blanche Covington . . .

Nature Study Course Teaches

"HOW TO . . ."

By Mrs. E. W. Johnson
Chairman

We're looking forward to gathering together soon and sharing ideas for working with youth groups. Time: April 13-18. Place: Wekiva Youth Camp.

"How to" is the theme, and we'll have a good potpourri. Not just bird walks, nature walks, learning about our environment, working on crafts, but our goal will be ways to do these things in an appealing way—challenging the interest of children. We'll have leaders to point the way, but will welcome in-put and suggestions from any of you who have found success with your ideas. The course will be five days of living with nature and experiencing nature—not just talking about it.

There are three "scholarships" for each District, meaning that scholarship recipients have only the expense of trans-

portation to and from camp. When the quota is filled, others from the District may attend for a nominal fee. Contact your District Director, who will then get in touch with this Chairman. Since the training course is primarily for people who have not attended before, these people will have first priority; but those who've attended in the past and want to "update," are equally welcome, though may have to pay a fee, depending upon quota. The more you attend, the more ideas shared.

Brochures will be available from your District Director or this chairman after mid-January: Mrs. M. E. (Billy) Johnson, Chm., 2671 NE 19th St., Pompano Beach 33062.

Hope to hear from lots of you.

PENAL GARDEN THERAPY'S

20th Birthday - Coming Up!!

By Bea Thorn,
Penal Garden Therapy Chm.

FFGC's Penal Garden Therapy Program is approaching its 20th birthday of May 23, 1980! On that day, 20 years ago, FFGC dedicated the first little greenhouse for inmates at Raiford and established the "Prisoner Rehabilitation Program". Garden Clubs all over the state shared in this achievement by contributing 5 cents per member to the project.

Shortly thereafter, we built greenhouses at Avon Park and Apalachee, later adding Lowell (women), Sumter and Indian River Correctional Institutions. With the growth of the program, contribution increases have been made by the clubs, which are used to supplement the Ornamental Horticulture Programs for the inmates. All contributions should be sent to this chairman for distribution through approved channels.

For our 20th birthday year celebration we ask all garden clubs in the state to participate in as many events of Penal Garden Therapy as they are able. Here are some of the GOALS we hope to achieve:

- 1-Let's have 100% contributions from every garden club to the FFGC Penal Garden Therapy program.
- 2-Plan to visit an institution in the program, following guidelines given in the Book of Information, pp. 164-65.
- 3-Volunteer assistance to local Correctional Centers, introducing a Garden Therapy Program, after getting advice from your local sheriff.
- 4-Send this chairman a report of all you do for this Penal Garden Therapy Birthday Year!



book briefs

By Mrs. Pierre Thompson
FFGC Book Chairman

HORTUS THIRD by staff of the L. H. Bailey Hortorium, Cornell University
Publisher: Macmillan Publishing Co. Inc. of New York
Front & Brown Streets, Riverside, N.J. 08075

Price: \$99.50

HORTUS THIRD is a *must* for every serious gardener . . . every gardener who is interested in knowing botanical names and their derivations, the common names of plants, their nativity, use, propagation and culture. This exceptional book is now to be found in the library at FFGC Headquarters, and is available for use by all garden club members (may not be removed from the library). A gift to FFGC from the publisher, **HORTUS THIRD** designates the botanical names of 34,305 families, genera and species of plants, and a large number of sub-species, varieties, forms and cultivars.

AZALEAS (Southern Living) by Fred C. Galle
Publisher—Oxmoor House, Inc., Book Division of the Progressive Farmer Co., P.O. Box 2463, Birmingham, Alabama 35202.

Price: \$6.95

Author of this book—Fred C. Galle—is Director of Horticulture at Callaway Gardens, GA. If you weren't an Azalea enthusiast, you will be, after reading and viewing this very beautiful book on that unequalled flowering landscape plant—the Azalea. This book teaches you the elements of landscaping, planting and care of Azaleas, and their special culture; companion plants for the Azalea garden; propagation, diseases and pests. You will also note the complete glossary and

exquisite pictures that will send you right off to the nursery for these dependable beauties.

WESTCOTT'S PLANT DISEASE HANDBOOK, fourth edition, By Dr. Cynthia Westcott. Revised by R. Kenneth Horst, Ph.D., 832 pages.

Publisher: Van Nostrand Reinhold, 135 West 50th St., N.Y., N.Y. 10020.

Publication date: July, 1979.

Price: \$32.50

This beautiful book is another must for your horticulture library. Pesticide specialists, students, professional planters and all serious gardeners will want to delve into the many pages of this well-defined and descriptive book. All recent pesticide and chemical regulations and taxonomic changes are thoroughly covered and the latest research findings on viruses and/or viral agents are given. The ingredients of each chemical are listed, along with the chemical's uses and its potential for plant injury, and application methods.



Cypress Gardens Cookbook

A Florida cookbook featuring citrus—seafood—and everyday good cooking for homemakers on the go.

Featured in Ladies Home Journal
Nov. 1974—Community Cookbook Series

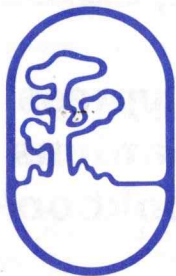
\$6.95 + 4% Tax The Cypress
Gardens Cookbook
P. O. Box 373 FG
Postage \$1.00 Winter Haven, FL
33880

National Life Memberships

By Mrs. Sidney R. Davis
National Life Membership Chairman

HAPPINESS IS . . . receiving a National Life Membership from those who recognize hard working garden club members.

- | | |
|--|---|
| 2822 Mrs. Curt Garmager, S. Merritt Is. | 2840 Mrs. Joseph W. Blake, Jr., Jacksonville |
| 2823 Mrs. Archie C. Johnson, Jr., Daytona Bch. | 2841 Gladys Larson, Neptune Beach |
| 2824 Mrs. Roy Landrum, Ponte Vedra Beach | 2842 Mrs. R. McSweany, Tampa |
| 2825 Mrs. Lowell Lucas, Kissimmee | 2843 Mrs. Lester Simon, Tampa |
| 2826 Mrs. Robert S. Hanks, Clermont | 2844 Mrs. Bertram S. Reid, Jacksonville |
| 2827 Mrs. Richard W. Waters, Clermont | 2845 Mrs. Glenn Cooper, Panama City |
| 2828 Mrs. Preston Maynard, Clermont | 2846 Mrs. J. M. Chupp, Jacksonville |
| 2829 Mrs. W. M. Johnson, Clermont | 2847 Mrs. Irene Gasporn, Bartow |
| 2830 Mrs. Howard E. Young, Clermont | 2865 Mrs. Ned S. Olin, Jacksonville Beach |
| 2831 Mrs. Alfred J. Beck, Ft. Lauderdale | 2866 Mrs. H. W. Grage, Atlantic Beach |
| 2832 Mrs. A. L. Paulauskas, Orlando | 2867 Mrs. R. C. Lunsford, Panama City |
| 2833 Mrs. Gloria Myers, Maitland | 2868 Mrs. Urban Kokenge, Miami Beach |
| 2834 Mrs. Victor T. Nixon, Winter Park | 2870 Marjorie Ruth Taylor Luce, Melbourne |
| 2835 Mrs. F. McBean Hulbert, Mount Dora | 2871 Sophia Nell Rockwood, Jacksonville Beach |
| 2836 Mrs. Henry L. Higginson, Ponte Vedra Bch. | 2872 Mattie Harris, Jacksonville Beach |
| 2837 Mrs. Walter Z. Tarr, Orange Park | 2874 Mrs. George Michem, Maitland |



Cypresswood Golf & Country Club

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

Cypresswood has four models of patio homes and a unique variety of single family residences. Write for information today!

JOHN G. WOOD & ASSOCIATES, INC.
409 E. CENTRAL AVENUE
WINTER HAVEN, FLORID 33880
PHONE 813-294-7681

The Spice of Life

By Mrs. Charles H. Blanchard

Is your garden club draggy? Have you done everything there is to do and now only meet to eat? STOP IT! Check in with the director of your nearest VOCATIONAL TECHNICAL CENTER. Don't go empty-handed. Have a program oriented to their horticulture program, whether it be Nursery Operations, dealing with greenhouses and field-grown stock, or Floriculture, emphasizing how to be successful with a florist shop.

You **can** do it. You already KNOW everything. Why don't you share it? Others are so grateful and eager to learn. Think about it . . . can you teach a workshop on Foliage Design, Fruit Arrangements, Buffet Tables, a Wedding at Home, Hospitaliana, Birthdays, National Holidays? Can you teach Corsages, Miniatures, Basket and Shell Designs? What about Insecticides, Pesticides, Pruning, Beds for Annuals, Landscaping, Bulbs, "Weeds: when is one?" Potpourri, Containeramics, Trees, Annuals, Grafting, etc?

I suggest you talk it over with the teacher. DID you ever realize you can be the frosting on the cake? It's as simple as falling off a log. All you have to do is make up your mind. Try SPICE instead of SALT. Drop a rosebud instead of a thorn. It's habit . . . and you can share what you have absorbed because you are lucky enough to belong to the Florida Federation of Garden Clubs, Inc.!

We have a new category in FFGC—VOC-TEK units. Dues are \$10 per year and the units are sponsored by adult clubs. There is no age limit.

You'll miss a lot if you pass this up . . . and it's something permanent that you can leave.

CLASSIFIED ADS

BRAND NEW FLOWER PRESS

A totally new concept for pressing flowers. No more shriveling, shrinking, or distortion! No more stringy daisy petals! For perfect pressed flowers EVERY SINGLE TIME do get Celestine's Original Flower Press. Only \$25.00. Write for details
9618 Gerald Avenue
Sepulveda, California 91343

CONTAINERS AS UNUSUAL AS YOUR DESIGNS.

Finest quality hand crafted stoneware. Custom designed and ready made. Truly unique shapes & sizes. Reasonable prices. Call today for brochure.

Dot Sterling: tel, 904-376-0781
1112 NW 38th St., Gainesville, FL 32605



Gardening Study Courses

Nathan F. Klein, Chm.

March 25-27, 1980—Melbourne—Series I—Course 4

Techniques for Growing Fruit Cultivars
Techniques for Growing Trees & Shrubs
Specialized Styles of Gardening
Lawns and Grasses
Identification of Plants in large Commercial Nursery

Feb. 25-27, 1980—Tallahassee—Series II—Course 1

Gross Vegetative Structure of Plants
Soils
Pests, Diseases, Physiological Problems
Slides of native plants, commentary
Tour of Teaching Greenhouse

JANUARY/FEBRUARY 1980

"Serenade in Bloom"

March 3-5, 1980

J. Wayne Reitz Union—University of Florida—Gainesville

Conducted by:

Florida Cooperative Extension Service
Ornamental Horticulture Dept. U. of Fla.
Florida Federation of Garden Clubs, Inc.
Institute of Food and Agricultural Science



Monday afternoon, March 3 will feature a lecture and demonstration in Floral Arrangement by the fabulous Posey Sisters, Mrs. K. O. Tubb and Mrs. J. E. Collins, as well as a lecture and slide program on "Landscaping to Conserve Energy" by Dr. William Barrick, an assistant professor of Ornamental Horticulture at the University. In the evening, at an informal reception, Ways and Means ideas—"We're in the Money"—will be displayed. **Tuesday, March 4** will find Dr. Benny Tjia "Making Our World Lovelier by Using Flowers." Dr. Tjia is an Indonesian from Java, and is Extension Floriculture Specialist in the Dept. of Ornamental Horticulture at the University, working primarily with the production of cut and pot flowers.

Also on **Tuesday** Mr. James Stephens, Extension Specialist in the Vegetable Crops Department at the University, and actively involved in the area of home gardening, will give tips on growing vegetables—"Lettuce Entertain You."

All this on **Tuesday morning**, as well as a Topiary Workshop presented by members of the Garden Club of Orange Park.

On **Tuesday afternoon** the Posey Sisters will conduct two workshops, which will run simultaneously, to be repeated the second hour, so registrants may participate in both workshops. In Ballroom A will be Mrs. K. O. Tubb, of Germantown, Tennessee, a Master Judge who is involved in numerous garden club activities throughout the Deep South Region. Mrs. Tubb will conduct a workshop on "Harmony in Home Design." At the same time Mrs. Jack E. Collins, also of Germantown, a Judge, instructor and lecturer, will conduct a workshop on "Table Rhythm."

The day time activities will conclude with a tour of the University greenhouses—then—**IN THE EVENING**—"Waltz of the Flowers"—a banquet at the Turkey Creek Golf and Racquet Club.

Wednesday, March 5 will begin with two lectures—"Are Your Camellias Out of Tune?" by members of the Camellia Society and "Are Your Roses Off Key?" by the Rose Society. Again, to round out the morning, the Posey Sisters will conduct the two workshops presented on the previous day . . . each an hour-long workshop to be repeated.

REGISTRATION—Registrations postmarked after Feb. 22 cannot be processed in advance. Registration fee is \$20, or \$10 for any one day. Registration fee (which must be made separately) for the banquet is \$10. Please mail attached registration forms before Feb. 22. On-the-spot registration begins at noon on Monday, March 3 on the second floor of the J. Wayne Reitz Union.

FEES—Make out check or money order to: Florida Cooperative Extension Service and Mail to: Dr. Robert J. Black, 2551 HS-PP Bldg., University of Florida, Gainesville 32611.

WORKSHOPS—will be limited to 30 people. Those planning to participate in Mrs. Tubb's workshop should bring: plate, cup and saucer, goblet, napkin (ring optional), table cloth or mat, and 2 containers.

For Mrs. Collins' workshop, bring: 2 vases, favorite object from home (rock, plate, statue, etc.), a problem container or vase.

Kits for the Topiary Workshop will be available for a nominal fee at the Short Course.

HOUSING—is available at any of a number of Gainesville Motels. The Holiday Inn University Center at 1250 W. University Ave., has reserved a block of rooms. Telephone (904) 376-1661; Zip code: 32601.

PARKING—Persons staying at the Reitz Union can park in the lot adjacent to and south of the Union. Those persons housed off campus can park in Areas 23 and 9, just south and across the street from the J. Wayne Reitz Union parking lot.



The Posey Sisters—Mrs. K. O. (Jerry) Tubb, left, and Mrs. J. E. (Mary Lou) Collins prepare for workshops to be presented at Short Course at the University of Florida in March.

50 Years of Service

"FIFTY YEARS OF SERVICE—NATIONAL COUNCIL OF STATE GARDEN CLUBS—1929-1979" has just been published. It is the story of the accomplishments by garden clubs of National Council during this half century. Every member, as she reads this book, will find sections on particular subjects to which she will relate. She will also experience personal satisfaction in having had a part in one of the great movements of the twentieth century in the United States. A copy of this once-in-a-lifetime limited edition can be yours by sending \$3.00 to: FFGC Ways & Means, P.O. Box 1604, Winter Park, FL 32790. It will come to you post-paid, bringing interesting reading and a challenge to continue to make history through your local club activity.

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

1980 Garden Club Short Course
March 3-5, 1980

Name _____

Address _____

Zip Code _____

Please Check: _____ \$20, entire course; _____ \$10, one day only

Tues. morning (choose 1) _____ Topiary Workshop; _____ Horticulture Lecture

Tues. afternoon (choose 1) _____ Workshop—Tubb; _____ Workshop—Collins

Wed. morning (choose 1) _____ Workshop—Tubb; _____ Workshop—Collins

Make checks payable to: Florida Cooperative Extension Service

Mail to: Dr. Robert J. Black, 2551 HS-PP Bldg., U. of Fla., Gainesville 32611

Cancellations must be received by Feb. 22 for full refunds

PRE-REGISTRATION FORM BANQUET

Tues. March 4, 7:30 p.m. . . Turkey Creek Golf and Racquet Club, Hwy. 441 North

Name _____

Address _____

Zip Code _____

Banquet—\$10 _____

Make BANQUET checks payable to: Mrs. F. LeGrand, 1930 NW 34th Terrace, Gainesville 32606. Cancellations to be received by Feb. 22 for full refunds.

PLEASE WRITE SEPARATE CHECKS FOR REGISTRATION AND THE BANQUET

JANUARY/FEBRUARY 1980

Orchidaceae

By Mrs. Robert Hunter
Improved Cultivars Chm.

Orchids are a study in contradictions. Although one of the largest plant families in the world, many of its plants are still rare, much sought after and expensive. The fragile, ethereally beautiful flowers of the orchid seem to be very delicate, yet they are long-lasting and the plants are extremely tough.

Orchids have the reputation of being very difficult to grow but once their requirements for light, cleanliness and a moderate temperature are met, few plants are easier to grow. In Florida, where it is relatively simple to meet these demands, orchids will produce a bonanza of beauty.

There are 660 genera of orchids with numberless varieties, since hybridization is constant.

By far the most recognized and popular of the orchid genera is the *Cattleya*, the florist's or corsage, orchid. It comes in a great range of colors and sizes in nature, and hybridization over the years has increased its size, accented the roundness of the flower and the variety of contrasts of the colors. Hybridization has also made the lip an even stronger dramatic accent to the blossom.

Some of these changes have been brought about by intergeneric crosses. In orchids sometimes three genera will be brought together in a plant, as in the *Brasolaeliocattleya* (Blc). *Cattleyas* are distinguished by having an upright pseudobulb, which may be unifoliate or bifoliate, and from which the flowers arise.

Oncidium is a genus of about 750 species. Many are called "dancing ladies" because of their arching sprays of sprightly yellow blossoms. *Oncidiums* like more sun than most orchids but require very good drainage.

Phalaenopsis also produce sprays of flowers in either white, pink (lavender) or yellow, and there are luscious new colors on the hybridizer's benches. A greenhouse filled with these plants in full bloom is a spectacular and unforgettable sight. *Phalaenopsis* are tropical, shade-loving and should not be allowed to dry out, as

(Continued on page 30)

Food Gardens

By Mrs. Jess Elliott
Food Garden Chairman

Food gardening is one of America's most popular activities. A U.S. Department of Agriculture study last year found that nearly half the households surveyed either had a garden or intended to have one.

Why do people garden? The survey suggests three main reasons: (1) a preference for the taste of fresh fruits and vegetables; (2) an interest in gardening as a hobby; (3) a desire to save money and cut the food budget.

You want your gardening to be fun, so don't start out with too big a garden. A little garden or a few plants that are well taken care of is more satisfying than a big unkempt garden. Determine how much time and energy you will have to give to your garden. Then that will determine how much you plant.

Now, if you don't have a plot of land to use, don't worry. Check your yard and your flowers to see where you can plant single plants. This is really what I am stressing. So many of us have yards that are already full. But with some planning you can also grow fresh vegetables and fruits.

Interest in home gardens is at its highest level since "victory gardens" of World War II. Produce from your own garden, harvested at peak maturity, generally has a better flavor and higher nutritional value than foods harvested at earlier stages and shipped long distances to super markets. Therapy or personal satisfaction—working with living plants and seeing them respond, has therapeutic value. The exercise can be relaxing and even recreational. As for artistic value—food plants can be an integral part of the home landscaping, enhancing its variety and color at different seasons of the year.

Selecting Varieties

Choosing the best varieties of plants for your area is highly important. Differences in soils, climatic factors, such as temperature, and the length of growing season and rainfall, determine the varieties of fruits and vegetables that do well in your area while doing poorly in

(Continued on page 30)

Plant Families

Liliaceae

Part 2. LILIACEAE—in contrast with
Amaryllidaceae and Iridaceae

By Dr. Fanny-Fern Davis
Wildflower Chm.

In the Nov./Dec. issue we studied the FABACEAE, or Pea Family, as a remarkably diverse and widely distributed family of flowering plants. These are dicotyledonous plants. That is, they are characterized by netted, veined leaves; potentially woody stems; buds in the axils of leaves; flower parts in fives (sometimes fours); and, of course, two cotyledons connected to the embryo in the seed, as in the peanut.

This time I have chosen for study a most typical family representing the monocotyledonous plants—the LILIACEAE. The monocotyledonous plants, or monocots, as they are frequently called, in contrast to the dicots, have parallel-veined leaves; the woody fibers and vessels are distributed throughout the stem rather than in a ring between the pith in the center and the cortex on the periphery of the stem, as in the dicots; the flower parts are usually in threes or sixes; buds are not found in the axils of the leaves, and the embryo in the seed has a single cotyledon, as in the corn grain.

The members of the LILIACEAE family are easily recognized by their flowers, which are composed of three sepals and three petals that look alike, and are said to make up a six-parted perianth. There are

six stamens surrounding a single pistil, with a three-celled ovary at the base, a single style and a stigma at the top, which may, or may not be three-lobed.

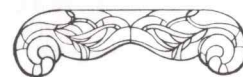
Since the perianth and the stamens arise from the stem below the ovary, it is called a *superior* ovary. Leaves are parallel-veined and in many species arise from a bulb. As in all flowers, the mature, or ripened ovary is recognized as the fruit, and it may be either a three-celled capsule or a berry.

There are two other families, the flowers of which are frequently incorrectly called lilies. In the AMARYLLIDACEAE, the flowers have a six-parted perianth and six stamens, as in the LILIACEAE, but the ovary is *inferior*, appearing as a swelling in the flower stalk just beneath the perianth, as in spider-lilies (*Hymenocallis*). The IRIDACEAE likewise have flowers with six-parted perianth and an inferior ovary, but there are only three stamens instead of six, as in the other two families. Examples are the blackberry lily (*Belamcanda*) and the blue-eyed grass (*Sisyrinchium*).

Happy and successful hunting!!

Please remember to keep a diary of the species you find in bloom each month and share them with me in your annual report next spring.

WHAT IS A NATIONAL LIFE MEMBERSHIP? . . . it is a way to honor those who have been outstanding in garden club activities. Write for information to Mrs. Sidney R. Davis, P. O. Drawer 8, Ft. Myers 33902.



Good times begin at the Publix Deli. You'll find everything from complete Deli Dinners, including fried chicken and all the fixin's, to sandwiches and salads all ready to take out. And whether you're entertaining formally or casually, Deli platters are a great way to get the good times underway.

**SIXTH ANNUAL
CASTLE AND GARDEN
TOUR 1980
ENGLAND, SCOTLAND
AND IRELAND**

Tampa-Tampa

24 Days

\$2660.00*

Personally escorted by Virginia Knopke

Travel with Virginia and Knopke Travel Service, Inc. on our Sixth Annual Castle and Garden Tour in May of 1980. Departing on May 14th and returning on June 6th.

Truly a deluxe travel experience with many new features for 1980, including membership into the Royal Horticultural Society of Great Britain.

Space will be limited to 30 participants—so make your reservations early.

(*Subject to change)

**Virginia L. Knopke
1000 North Ashley Dr.
Tampa, Fl. 33602**

Please send itinerary and information—Castle & Garden Tour—1980!

Name _____

Address _____

City _____ State _____ Zip _____

1980 DEEP SOUTH REGIONAL CONVENTION

**Biloxi Hilton, Biloxi, Mississippi
March 9-12, 1980**

Expanded Horizons . . .

Sunday, March 9

9 p.m.—Special Program for Early Arrivals. No charge (check if planning to attend) _____

Monday, March 10

9 a.m. Coast Tour (optional) to Beauvoir, home of Jefferson Davis; seafood luncheon and bus . . . \$15.00 _____

3 p.m.—Meeting of Regional Council members only

7 p.m.—Regional Council Dinner, for Council members only

8 p.m.—Welcome Party—no charge (check if planning to attend) _____

Tuesday, March 11

9 a.m. Formal Opening and business session

12:30 Luncheon and Fashion Show (\$7.50) _____

2:30 Concurrent Workshops

7:00 Buffet (\$12.50) Program "Nature's Conservation is Man's Preservation" _____

Wednesday, March 12

8 a.m. Roundtable Breakfast (\$6.50) _____

9:30 Business session continued

12:30 Luncheon (\$8.50) Program: "Our Energy—Problems & Solutions" _____

2:30 TOUR (\$4.00) State port of Gulfport and Nature Conservancy Project

6:30 No-Host Cocktail Party

7:30 Awards Banquet (\$13.00) _____

PACKAGE PLAN (includes: 1 breakfast, 2 luncheons, Welcome Party, 2 dinners, Gulfport tour, Registration) . . . \$58.00 _____

PACKAGE PLAN AFTER FEBRUARY 15 . . . \$60.00 _____

No refunds after Registration cut-off date . . . February 26

Make checks payable to: Deep South Regional Convention

Mail with Registration Form to: Mrs. Clarence Evans, 249 Farrar Ln., Waveland, MS 39576

Make hotel reservations directly with: The Biloxi Hilton, 3580 W. Beach Blvd., Biloxi, MS 39531 (601) 388-7000.

Request "Gulf View" 6, 7, 8 floor and indicate with Deep South Region.

Single: \$35 . . . Double \$41 . . . Suites Available

Husbands are invited to register for any open event. Further information available on arrival.

SPECIAL!!! NATCHEZ TOUR—departing Thursday, March 13, 8 a.m. . . . returning Biloxi by 3 p.m. March 14. For details contact: Mrs. R. H. Barnes, 518 State St., Natchez, MS 39120.

Please check and include Registration Fee: All events . . . \$6 _____

Per Day . . . \$3 _____

Single Event . . . \$1.50 _____

Husband or Guest \$1 _____

Please check status: Attending first Deep South Convention _____

National: Officer _____ Chairman _____ Life Member _____

Regional: Officer _____ Chairman _____

State President _____ Club Member _____ Husband _____ Guest _____

Delegate _____ Alternate _____ Chairmanship or Special Interest _____

			F		
D			L		
A	R	B	O	R	
Y			W		
		♥	E		
H	E	A	R	T	S
			S		♥

WATER FOR THE BIRDS

When you put out food for the winter birds, don't forget the all-important water that must be nearby! This is a "must" for our feathered friends.

BUG OFF!!

A sprig of mint hung by the back door will help to repel annoying flies.

A branch of an aromatic shrub or tree (camphor, eucalytus etc.) placed under a table or couch helps control fleas (so they say!)

JUDGES—TAKE NOTE!

At least one judge should initial the entry card of all entries in a flower show, in order to indicate that the entry has been judged. This is for the benefit of the public as well as the exhibitor (this word comes from National).

NEW YEARS RESOLUTIONS

1. Plant gold in '80!
2. Earn at least one "I-Got-One" button by recruiting an interesting new club member.
3. Involve yourself in the projects of your club. Sideline sitters reap sideline rewards.
4. Have you ever attended a Short Course or school sponsored by FFGC? Treat yourself to a world of gardening pleasure in 1980.

FORGET WHEN YOUR FERTILIZED?

Forget when you fertilized your indoor plants last? Dilute your fertilizer to 1/4 recommended strength and use every time you water your plants.

MRS. ROGER J. WAYBRIGHT DIES

Mrs. Roger J. (Evelyn) Waybright, National Legislative Chairman on the FFGC Board of Directors, died in October.

A long-time Board Member, Mrs. Waybright, was very active in the fields of conservation education and legislation. In 1970 and again in 1973 she rallied women's groups to support the passage of Florida Environmental Education Acts.

Evelyn was a member of The Garden Club of Jacksonville and will be sorely missed by the Florida Federation of Garden Clubs.

DISH GARDENS

How often have you received a dish garden as a gift, so lush and beautiful, and gradually watch it disintegrate before your eyes as the weeks pass? The gardens are planted for the effect of the moment, but so often the plants incorporated have widely varying growing requirements. After the first flush of enjoyment passes and the straggles set in, gather your nerve and take the garden apart, combining plants with like-growing habits. The effect can be equally attractive.

MERCURY LIGHTS

Mercury Vapor street lights can effect the growth of your plants—indoors and out—causing premature growth and effecting blossoming of plants that require a short day to bloom. Move your plants from the window, or screen the light if it effects your plants.

SUCKER PROPAGATION

We've probably all tried to propagate African Violets by the common leaf method—sticking the healthy leaf in vermiculite or perlite until new little plants come sprouting along.

But have you tried propagation by suckers? When four visible leaves appear in a leaf axil, you know it is a new plant. So says Ortho. Allow this plant to become a fairly good size, then remove carefully with a pencil or nut pick. Place on a shallow layer of vermiculite enclosed in a plastic bag, in bright light (not direct sun). Harden off, separate and repot when 2" high.

MINIATURE ROSES

Have you tried the mini-roses yet? These little beauties can come indoors in the winter, and love the outdoors, too. They do need lots of water, because of their diminutive root systems, but they tolerate heat and cold well—actually more than hybrid teas. A fertile soil is important. **Nelson's Roses**, a long-time advertiser in *The Florida Gardener* has an excellent choice of these baby beauties.

DISTINGUISHED HOUSE TOUR

Founders Circle, Sarasota Garden Club, (Dist. VIII) will present their 23rd annual "Distinguished Homes Tours" in Sarasota on Feb. 20-21, 1980 . . . Seven homes . . . \$8 . . . 10 a.m.-4 p.m. Tickets may be obtained by writing: Mrs. Claire Mader, 6146 Midnight Pass Rd., Sarasota 33581. Proceeds are used for Civic Beautification.

HOME AND GARDEN TOUR

The Naples Garden Club invites all to attend their *House and Garden Tour* on Saturday, Feb. 23, from 11 a.m. til 5 p.m. Tickets may be obtained through the Naples Chamber of Commerce.

ENCHANTED GARDEN CORNER

By Kathy Sample
Plant Distribution Chmn.

Everytime we water our garden there's a surprise! White Ladies'-tresses orchids appeared one day! They are fascinating! My Trillium, dormant until late fall, sent up long stems with whorls of three leaves. This plant is cold hardy. A yellow azalea, indigenous to N.W. Florida, is leafless; its flower buds are now fattening to show yellow corollas and long yellow stamens in the spring.

We need your distinctive native flora for the Wildflower Garden at FFGC Headquarters! Write to us!

Flower Show Calender

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

1980

- February 8-10, Delray Beach, **10TH ANNIVERSARY IKEBANA EXHIBIT**, Sogetsu Florida Branch, Japanese Island House: Mrs. James Mihori, Chm.
- February 23-24, New Port Richey, **CONSERVE AS WE SERVE OUR FLORIDA**, New Port Richey Garden Club at the West Pasco Art Guild, Mrs. S. G. Spangler, Chm.
- March 5-6, Punta Gorda **LABORS OF LOVE—LABOR DAY HOLIDAY**, Punta Gorda Garden Club, Civic Center; Mrs. Ruby M. Davenport, Chm.
- March 6-9, Key West, **ENCHANTED GARDENS**, Key West Garden Club; Mrs. Joseph M. Langr and Mrs. Paul E. Newhouse, Co-Chm.
- March 8-9, Fort Myers, at Lions Park Recreation Center; Mrs. Robert J. Rohr, Chm.
- March 10-15, Coleman, **FESTIVAL OF FLOWERS**, Azalea Garden Club of Sumter County at the Fairgrounds; Mrs. Robert Little and Mrs. Howard Elliott, Co-Chm.
- March 10-15, Stuart, **BEAUTY AT THE FAIR**, The Garden Club of Stuart at the Fairgrounds; Ms. Linda McClure and Mrs. Paul Wilkens, Co-Chm.
- March 14-15, Belleair, **ON THE GO**, The Belleair Garden Club, Activity Center; Mrs. John H. Becker, Chm.
- March 15-16, Sarasota, **IT'S A FLOWER WORLD**, Sarasota Garden Club at Exhibition Hall; Mrs. Craig B. McKown, Chm.
- March 17, Tampa, **LET'S CELEBRATE**, Clearfield Garden Club at the Clearfield Recreation Center; Mrs. A. A. Keith, Chm.
- March 17-19, Eustis, **SHAPE OF A SONG**, Lake County Council, at Lake County Fairgrounds; Mrs. George S. Horsford, Jr. (first show).
- March 20, Bradenton, **SCHOOL DAYS**: Sunny Shores Garden Club at Club House; Mrs. Mildred Irey, Chm.
- March 20-23, Eustis, **SHAPE OF A SONG**, Lake County Council, at Lake County Fairgrounds; Mrs. George S. Horsford, Jr. (second show).
- March 21, Jensen Beach, **DO YOU REMEMBER?** Jensen Beach Garden Club, Jensen Beach Women's Assn. Bldg.; Mrs. Arthur C. Mills, Jr., Chm.
- March 21-22, Boca Raton, **TIMELY TOUCHSTONES**, The Boca Raton Garden Club at the Garden Center; Mrs. Gerard Bozzone and Mrs. Thomas McDermott, Co-Chm.
- March 22-23, Palm Springs, **DIFFERENT WAYS TO BEAUTIFUL DAYS**, Palm Springs Garden Club at the Village Hall; Mrs. Thomas G. Crytzer, Chm.
- March 26, Tampa, **HOME FLOWER SHOW**, Sunset Park Garden Club of Tampa. The show will begin at the Clubhouse; Mrs. William J. Smith, Chm.
- March 28-29, Clearwater, **BEAUTY OF AMERICA**, Clearwater Garden Club at Garden Center; Mrs. William Eichenberger, Chm.
- March 28-29, Sanford, **A PACK RAT'S PARADISE**, The Garden Club of Sanford, Club House; Mrs. Carl Tillis, Chm.
- March 29-30, Daytona Beach, **EVERYBODY'S FLOWER SHOW**, The Council of Garden Clubs of The Halifax District, Inc., at the Museum of Arts and Sciences; Mrs. Hugh Manson, Chm.
- March 29-30, Dunedin, **DUNEDIN'S BIT OF SCOTLAND**, Dunedin Garden Club at the Community Center; Mrs. Evelyn Davies, Chm.
- April 12-13, Bartow, **RUNNING THROUGH FIELDS OF FLOWERS AND CLIMBING THE HIGHEST MOUNTAIN TO CATCH A PAILFUL OF STARS**, Bartow Garden Club at Civic Center; Mrs. Louise W. McClain, Chm.
- April 12-13, Tampa, **WEATHER OR NOT**, Tampa Federation of Garden Club Circles, Inc., Garden Center; Mrs. W. M. Black, Jr., Chm.
- April 12-13, Gainesville, **A FESTIVAL OF ART AND FLOWERS**, Four Seasons Garden Club at First Florida Savings & Loan Assoc.; Mrs. Lawrence Shaw, Chm.
- April 12-13, Ocala, **HOSPITALITY OCALA STYLE**, The Pioneer Garden Club of Ocala at the Civic Auditorium; Mrs. Wayne Rubinas, Chm.



Flower Show Schools

Mrs. John H. Howarth
Flower Show Schools Chmn.



PUNTA GORDA—COURSE V

Jan. 30, 31, Feb. 1, 1980

Instructors:

Mrs. Thomas Ward
Mrs. O. Fenton Wells

Chairman:

Mrs. Noreen Faber
1797 Belle Court
Punta Gorda 33950

GAINESVILLE—COURSE III

Feb. 5-7, 1980

Instructors:

Mrs. Frank Woodruff, III
Mrs. Robert Guthrie

Chairman:

Mrs. Marvin Brooker
924 NW 18th Terr.
Gainesville 32605

WEST PALM BEACH—COURSE V

March 12-14, 1980

Instructors:

Mr. Bob Thomas
Mrs. O. Fenton Wells

Chairman:

Mrs. James Kirwin
723 42nd Street
West Palm Beach 33407

SARASOTA—COURSE IV

March 31, April 1, 2, 1980

Instructors:

Mrs. Thomas Ward
Mrs. Jesse Barfield

Chairman:

Mrs. Francis Millican
1733 South Drive
Sarasota 33579

SYMPOSIUM—CRUISE

Feb. 10-17, 1980

Aboard t.s.s. Mardi Gras
Depart Miami

Instructors:

Mrs. Nelda Brandenburger, Calif.
Mr. Herbert Gundell, Colorado
Mrs. Sally Rahm, Florida

Chairman:

Mrs. Urban Kokenge
4955 Lakeview Drive
Miami Beach 33140

- April 16, Dunedin, **BYWAYS OF PINELLAS**, Bay Bouquet Garden Club, at the Church of the Good Shepherd; Mrs. Horace Furman, III and Mrs. Moreno Marsala, Co-Chm.
- April 18, Tarpon Springs, **A DAY OF BEAUTY**, Garden Club of Tarpon Springs at the Yacht Club; Mrs. C. W. Leonard, Jr., Chm.
- April 18-19, St. Petersburg, **RHYTHMS OF THE WORLD**, Garden Club of St. Petersburg, Inc. at Garden Center; Mrs. Sherman Littell, Chm.
- April 19-20, Rockledge, **A TOUCH OF NATURE**, Cocoa-Rockledge Garden Club at the Garden Center; Mrs. Donald Rice, Chm.
- April 19-20, Milton, **THE BEST THINGS IN LIFE ARE FREE**, Milton Garden Club at the Garden Center; Mrs. Leo V. Davis, Jr., Chm.
- April 22-23, Groveland, **WHAT TIME IS IT?**, Groveland Garden Club at the Civic Auditorium; Mrs. Kim Clay and Mrs. E. B. Hart, Sr., Co-Chm.
- April 23, Crystal River, **APRIL IN PARIS**, The Garden Club of Crystal River at St. Benedict's Catholic Church; Mrs. Johnston, Chm.
- April 25-26, Jacksonville Beach, **OLYMPIAN FANTASY**, Ribault Garden Club, at Garden Center; Mrs. James Clawson, Chm.
- April 25-27, **EVERYTHING UNDER THE SUN**, Metropolitan Miami Flower Show, Inc. at the Coconut Grove Exhibition Center; Mrs. Shelbie Cochran, Chm.
- May 3-4, New Port Richey, **NATURE'S DRAMA**, Beacon Woods Garden Club at the Racquet Club; Mrs. Pat Fisher, Chm.
- May 10, Dunnellon, **FLOWER SHOW**, Rainbow Lake Estates Garden Club; Mrs. William Webster, Chm.

Floral Design—

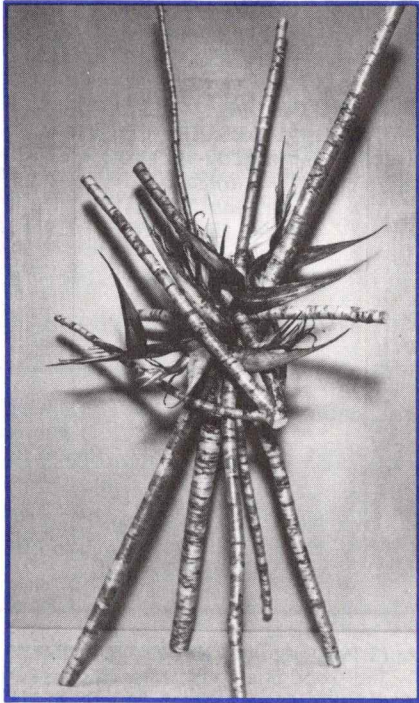
Assemblage vs Still-Life

By Bob Thomas
Floral Design Chm.

Ralph Mayer, in his "Dictionary of Art Terms and Techniques" defines ASSEMBLAGE as the technique of creating three-dimensional works of art by combining various elements, especially "found" objects, into an integrated whole; also a composition so constructed. An Assemblage may be either free-standing or mounted on a panel, and may include elements painted, carved, or modeled by the artist.

Mayer further defines ASSEMBLAGE in "The Artist's Handbook of Materials and Techniques" as an art form in which the artist finds or selects an object and mounts and displays it in such a manner as to exhibit its aesthetic qualities of form, contour, color, texture, etc., as though it were a creation he had formed himself. When such objects are more or less two dimensional, such as printed paper items, and are pasted to a flat surface, the work could be called a *collage*. When the objects are definitely three dimensional or mounted or joined together with other objects, especially when free-standing, the work is called an *assemblage*, usually with the French pronunciation. Found objects are usually natural things (shells, driftwood, stones), but they may be manmade, especially if their quality is enhanced by age or weathering. A mass-produced item exhibited for the same or similar values is called a "ready-made."

FOUND OBJECTS are defined by Mayer in his "Dictionary of Art Terms and Techniques" as being objects which are found, selected, and exhibited by an artist, usually without being altered in any way. The display of such objects is a 20th C. art form, practiced by the Dadaists and Surrealists. The object may be natural (a shell, stone, piece of driftwood) or it may be manufactured (a household item, a piece of clothing, or a piece of machinery). A manufactured object is also called a "ready-made." It may be given a new aesthetic quality by inventive methods of mounting and display. The artist's role in



Construction made of wild cherry branches with white Strelitzia. Design by Mrs. Wade Kelly, Atlanta, Ga. Photo courtesy "Guidelines" AGFA.

its presentation is creative only in that it points out aesthetic values that the object already possesses, but that was not deliberately considered in its construction. The concept of the found-object is in accordance with a Surrealistic doctrine, which holds that anything with aesthetic value, even inadvertently so, is a work of art and worthy of being exhibited as such.

Seitz defines ASSEMBLAGE as being:

1. Predominantly assembled rather than painted, drawn, modeled or carved.
2. Entirely or in part, the constituent elements are preformed natural or manu-

factured materials, objects, or fragments not intended as art materials.

3. Objects are grouped—not by function or emotion, but by size, color, form etc., conveying the real spirit of design.

Let us briefly define words found throughout the recorded terms regarding Assemblage, as in applying these definitions we will have a better understanding of the real essence of designing, through application of such.

Combining: to come or bring into union—join.

Various: differing one from another; of several kinds.

Elements: a fundamental, essential, or irreducible constituent of a composite entity.

Compost: made up of distinct components—compound.

Entity: something that exists independently, not relative to other things.

Design: to conceive; invent; contrive.

Found-objects: any of various objects or materials picked up by chance and incorporated into a work of art.

Integrate: to make into a whole by bringing all parts together.

Whole: constituting the full amount.

CONSTRUCTIVISM: (not to be confused with Assemblage) A non-objective art movement that began in Russia and had far-reaching effects on modern art. It first appeared in the work of Tatlin around 1913, as a development of Cubist relief construction, and was first called Tatlinism. Its theorist did not name it Constructivism, or fully establish its principles until 1921. Constructivist work utilized materials such as iron, tin, wood, glass and plaster in its attempt to bridge the gap between everyday life and art. An early name for constructivism was "production art," and one of its aims was to revolutionize industrial design by creating a body of artist-engineers.

STILL-LIFE: A group of inanimate objects contrived by the artist according to some theme—either symbolic (Expressionistic) or merely aesthetic (decorative). The theme was usually carried by the objects that were chosen (which were usually man-made, functional, utilitarian).

Defined words found in the above statement:

Functional: of, or pertaining to, a function or functions. Designed for, or adapted to, a particular need or activity.

Utilitarian: pertaining to, or associated

with, utility; stressing the value of practical over aesthetic qualities.

Utility: the condition or quality of being useful, of being good or worthwhile.

Tradition: the passing down of elements of a culture from generation to generation.

Realism: in general, the depiction of human figures, real objects or scenes as they appear in nature, without distortion or stylization.

ASSEMBLAGE GUIDELINES:

1. Materials are of non-art type—bits and pieces.
2. Abstract rules apply in placement of components selected.
3. Space is used positively.
4. Dynamic impact is essential.
5. Must contain some plant material, to be classified as a floral design.
6. Schedule to govern "type." If man-made bits and pieces are selected and are of greater volume than the plant materials, it is suggested that Assemblage classes should only be listed as eligible for Creativity Award. If the found objects are used in a minor role, such as a line within a design of plant materials, or objects placed at the base of a design of plant material, you would then have an arrangement with

(Continued on page 32)

The Flower Arranger

The best-selling flower arrangement magazine which includes gardening articles and many colour pages.

£2.95 inc. postage for four issues from Taylor-Bloxham Ltd, Tyrrell St., Leicester LE3 5SB, England

State Life Memberships

Mrs. Edward R. Jordan, Chm.
11515 SW 97th Ave., Miami 33176
(contact for information and applications)

Additional names of Life Members of the Florida Federation of Garden Clubs, Inc. are listed below. Further names will be printed in future issues of *The Florida Gardener*.

- | | |
|---|--|
| 1272 Mrs. William A. Watson, Jr.,
Jacksonville | 1315 Mrs. Charles E. McCoy, Key West |
| 1273 Miss Evelyn Justiss, Marianna | 1316 Mrs. C. E. Bragan, Marathon |
| 1274 Mrs. J. Rodgers, Jr., Windemere | *1317 Mrs. Adam Galazka, Ft. Lauderdale |
| 1275 Mrs. John Bennett, Beverly Hills | 1318 Mrs. Chester Toomer, Kissimmee |
| 1276 Mrs. George T. Dunlap III, Bartow | 1319 Mrs. John B. Long, Tallahassee |
| 1277 Mrs. V. I. Thackrey, Bartow | 1320 Mrs. Homer Black, Tallahassee |
| 1278 Mrs. W. L. Haynes, Bartow | 1321 Mrs. William Barnett, Jr.,
Jacksonville |
| 1279 Mrs. Ellis Varner, Alturas | 1322 Mrs. T. S. Arledge, Pensacola |
| 1280 Mrs. Paul Newhouse, Key West | 1323 Mrs. John Ferris, Pompano Beach |
| 1281 Mrs. J. H. Durham, Panama City | *1324 Mrs. A. J. Rademacher, Oklawaha |
| 1282 Dr. Anne S. Newsome, Sebring | 1325 Mrs. Victoria de Salaverria,
El Salvador |
| 1283 Mrs. George E. Watkiss,
Ponte Vedra Bch. | 1326 Mrs. Aida de Fiallos, El Salvador |
| 1284 Mrs. Anthony Spoto, Tampa | 1327 Mrs. Carl Irwin, Ft. Myers |
| 1285 Mrs. Eben G. Woodruff, Lake Wales | *1328 Mrs. Kenton Haymans, Punta Gorda |
| 1286 Mrs. Earl E. Baldauf, Babson Park | 1329 Mrs. Allen Wiethop, Jacksonville |
| 1287 Mrs. Raymond Butler, Kissimmee | 1330 Mrs. Martin Garrick, Panama
City Bch. |
| 1288 Mrs. Dorothy Edwards, Boca Raton | 1331 Mrs. John A. Grant, Tampa |
| 1289 Mrs. Howard Wright, Largo | 1332 Mrs. R. Wilson King, Lutz |
| 1290 Mrs. Roger M. Kruse, Melbourne | 1333 Mrs. Malcolm Wheeler, Tampa |
| 1291 Mrs. George Rodgers, Panama City | *1334 Mrs. William Fitch, Jacksonville |
| 1292 Mrs. Jewell Majoris, Panama City | * Presented at Convention 1979 |
| 1293 Mrs. Clarycee Smith, Panama City | |
| 1294 Mrs. Douglas B. Danser, Clewiston | |
| 1295 Mrs. Frank Farebrother,
Lauderdale Lakes | |
| 1296 Mrs. Robert Judd, St. Augustine | |
| 1297 Mrs. R. F. Hand, Orlando | |
| 1298 Mrs. Albert Byrd, Tampa | |
| 1299 Mrs. B. A. Wilkes, Palatka | |
| 1300 Mrs. Milton Frier, Live Oak | |

1978-79

- 1301 Mrs. W. E. Sayer, Sebring
1302 Mrs. George Scobie, Titusville
1303 Mrs. R. E. Wellborn, Apopka
1304 Mrs. Clive McKay, Englewood
1305 Mrs. Raymond Kissack, Englewood
1306 Mrs. Halstead H. Lucas, Callahan
1307 Mrs. Ralph W. Cellon, Gainesville
1308 Mrs. Sal V. Palma, Rockledge
1309 Mrs. Ernest Oravetz, Tampa
1310 Mrs. Kenneth Nichols, Lake
Panasoffke
1311 Mrs. B. T. Coleman, Tallahassee
1312 Mrs. Lorraine B. Leverone,
Panama City
1313 Mrs. Jefferson Hill, Sr., Miami
1314 Mrs. Robert Kennedy, Panama City

.....OFFER EXTENDED.....

"Schultz-Instant"
CONCENTRATED SOLUBLE
Fertilizer
20-30-20
with Model 5 "MIXERATOR YARD GUN"



1/4 teaspoon
per gallon
water grows
vegetables,
flowers, roses,
trees, shrubs,
lawns, every-
thing for yard
& garden.

The patented non-clogging "Mixerator" Yard Gun makes application easy on large areas.

Available at your store or send \$7.95 with this ad for 5 lbs Schultz Fertilizer plus a \$2.95 "Mixerator" Free. (Estate Size 25 lbs with 2 "Mixerators" \$30.00). Free delivery. Extended, limited offer. Immediate shipment.

Schultz Company
Dept. GCFL 11730 Northline, St. Louis, MO 63043



Thirteen members of the Ribault Garden Club of Jacksonville Beach were honored last spring with Life Memberships in National Council of State Garden Clubs, Inc. One member, Mrs. W. E. Donegan, was presented with a Life Membership in FFGC and 56 of her friends compiled a "Love Book" for her. A third honor was given Past President of FFGC, and immediate Past Director of Deep South, Mrs. Carroll O. Griffin, who was presented with an Honorary Life Membership in the Ribault Garden Club. Mrs. Griffin was formerly a member of Ribault Garden Club, and now serves as Fourth Vice President of National Council. New Life Members shown above are—from left, first row: Mrs. Herbert B. Moller; Mrs. H. L. Rockwood; Mrs. Edward F. Smithers (who assisted in the presentations); Mrs. Griffin; Mrs. Joseph W. Roberts; Mrs. Henry L. Higginson. Second row: Mrs. James P. Clawson; Mrs. Roy Landrum; Mrs. Ned S. Olin; Mrs. Wallace A. Brown; Mrs. Arved Larson. Third row: Mrs. H. W. Grage; Mrs. Earl Roberts; Mrs. J. H. Harris. Mrs. Donegan was not present for this picture. Mrs. Smithers is Treasurer of the Florida Federation of Garden Clubs.



**CAN YOU GROW ROSES
IN FLORIDA? . . .**
YES!, if they're NELSON'S
on Rosa Fortuniana rootstock (Double Cherokee)

Nelson's Florida Roses

Rt. 1, Box 164 • Apopka, FL. 32703 • 886-3111
Available only at leading nurseries

1980 State Convention—



“The Wonderful World of Gardening”

Lake Buena Vista, Disney World Area
Dutch Inn—May 1 & 2, 1980

For early arrivals . . . the latest of fashions for madame!!!
—the Evening of April 30—

To make your stay exciting . . . floral design, workshops, forums. Trees, seeds, prizes and surprises for those attending. Shopping, tours, swimming, golf, tennis, boating, fishing all available, plus the MAGIC KINGDOM OF DISNEY WORLD!

Your golden opportunity to *Cultivate, Communicate and Harvest the Rewards* of a wonderful year of garden clubbing at the Wonderful World of Disney.

Plan to have your husband and family come on Friday and spend the weekend!
More detailed information in the March/April *Florida Gardener*.

. . . annual judges meeting . . .

Our Growing World of Flowers

Dutch Inn Lake Buena Vista April 30, 1980
10 a.m. meeting-followed by luncheon
Program: stressing miniatures
Chairman: Mrs. Robert J. Rohr, 1262 Myerlee Country Club Blvd., Apt. #1, Ft. Myers 33907

START THE NEW YEAR OUT RIGHT . . .

Send your friends a subscription to “The National Gardener”. Keep a direct line of communication through this window of the garden club world.

Please fill out subscription blank below . . . NOW!!!

Subscription Blank

THE NATIONAL GARDENER

Bi-Monthly Bulletin of National Council of State Garden Clubs, Inc.

Please enter the following subscription for which payment is enclosed:

\$2.50-One Year \$7.00-Three Years Foreign: \$4.00-One Year

Subscriber's Name _____
(Type or Print Plainly)

Street Address _____

City _____ State _____ Zip Code _____

Make check payable to National Council of State Garden Clubs, Inc.
Mail subscription and check to: National Council of State Garden Clubs, Inc.
4401 Magnolia Ave., St. Louis, MO 63110

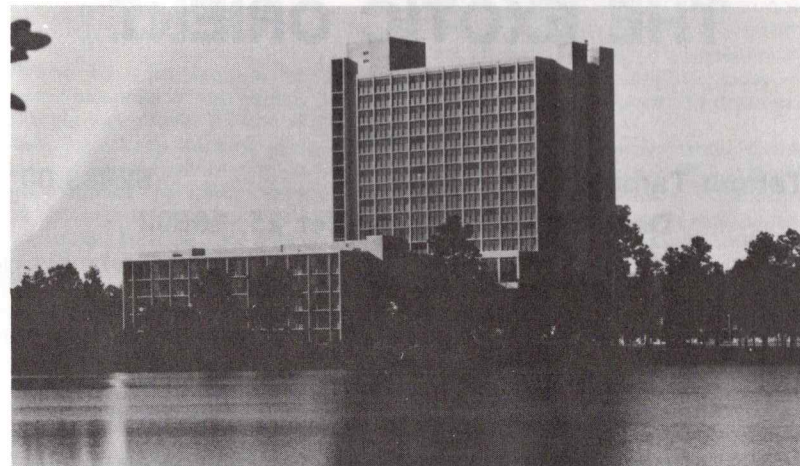
The National Gardener is published in January, March, May, July, September and November. Subscriptions **must be received before the 1st of the month prior to month of publication** to commence with the next issue. Subscriptions received after the 1st of the prior month will commence with the next following issue.

Dutch Inn

RESORT HOTEL

Welcomes . . .

The Florida Federation of Garden Clubs
Annual Convention April 30—May 3, 1980



LOCATED IN THE RESORT COMMUNITY OF WALT DISNEY WORLD'S LAKE BUENA VISTA!

DUTCH INN RESORT HOTEL

P. O. BOX 22202, LAKE BUENA VISTA, FLORIDA 32830

FLORIDA FEDERATION OF GARDEN CLUBS ANNUAL CONVENTION
WEDNESDAY, APRIL 30—SATURDAY, MAY 3, 1980

Convention rate per room, plus applicable taxes.
(Convention rates apply 3 days prior and 3 days
after meeting dates.)

No. of Rooms	No. of Rooms

**\$44.00 SINGLE OR DOUBLE
EUROPEAN PLAN**

All hotel reservations for the period of the meeting should be made on this application blank and mailed with deposit in the amount of the first night's stay or credit card guarantee to the hotel. You will receive confirmation promptly.

NAME _____
Please list names of additional members in your party and include children's ages.

ADDRESS _____

CITY _____ STATE _____ ZIP _____

ARRIVAL DATE _____ TIME _____ AM PM DEPARTURE DATE _____

Fill in the following to guarantee your reservation by credit card

BAC DINERS CLUB MASTER CHARGE AMERICAN EXPRESS CARTE BLANCHE

_____ Expiration Date _____

Signature _____

TOLL FREE
1-800-432-2926

AC (305)
828-4444



Dutch Inn
RESORT HOTEL

CHINA plus THE EXOTIC ORIENT

24 days

Tampa-Tampa

\$2889.00*

Departing on September 25, 1980!!

Escorted by Virginia L. Knopke

Our CHINA EXPERIENCE plus THE EXOTIC ORIENT TOUR will be limited to 24 participants. EARLY RESERVATIONS ARE VERY ESSENTIAL. This tour will be strictly booked on the first come, first confirmed reservation basis!!

(*Subject to adjustment.)

Please RUSH me more information about China plus The Exotic Orient Tour, departing on November 13, 1980.

Name _____

Address _____

City _____ State _____ Zip _____

KNOPKE TRAVEL SERVICE, INC.
c/o Virginia Knopke
1000 North Ashley Drive
Tampa, Fl., 33602

wekiva '80

Junior Nature Camp
By Mrs. Gustave Harrer
Wekiva Youth Camp Chairman
2815 NW 29th Street
Gainesville 32605

Wekiva '80 is just around the corner, and we "old-timers" are already beginning to get camp fever. I hope all garden clubbers have been thinking Wekiva this winter, and are already beginning to save natural materials (including shells), books, costumes and wigs, and, especially, green stamp books. Turn all this over to your District Director.

The green stamp books can mean a projector and/or other teaching aids, new sports equipment, and other conveniences and comforts for the clinic or the adult staff.

And speaking of the adult staff—now is the time to make the decision to spend a week at Wekiva as a volunteer. Office help, canteen ladies, nature and crafts leaders are needed. Volunteering for a week means making new friends, learning new things, and above all, going home with the knowledge that you have helped 100 kids become more appreciative of their beautiful world. Guidelines are provided to make camp duties easy for the first timer; and for those of you who wish to work in the crafts program, we hope that your garden club friends from all over the state are so busy collecting that you will never want for materials!

Also needed are young people of high school or college age for counselors-in-training (who have completed the ninth grade), jr. counselors (completed at least 10th grade), and counselors (completed at least 11th grade). Write me about these and I will send applications in January. CITs pay the regular fees and may be sponsored by a garden club or a parent. They must be accepted by this chairman before the fees are sent to the registrar.

In case your club president or youth chairman has misplaced the green flyer which was distributed at the Fall District Meeting, remember that brochures will be available after the first week in January from either your District Youth Chairman or the camp registrar, Mrs. Robert Hanks, Rt. 3, Box 90-C, Clermont, FL 32711. Reservations and/or registrations may be made

SEEK '80

By Mrs. Daniel F. Connell
SEEK Chm.

SEEK '80 (Save the Earth's Environment through Knowledge) is FFGC's effort to alert Florida's teenagers to the environmental problems facing us today, and offering possible solutions to these problems.

This Youth Environmental Conference, to be held Aug. 3-7, 1980 at the University of Central Florida in Orlando, will be four days of high-level instruction by University staff members and other experts. The topic of Energy, our greatest environmental concern, will be explored in depth. Energy alternates, new sources, solar energy and energy conservation will be studied.

This will be a great learning opportunity for all who participate. We urge all clubs, circles and individuals to become part of this timely conference by sending scholarships, or portions of scholarships, and by recommending top students—those interested in Saving the Earth's Environment, conserving our natural resources, and inquiring into alternate energy sources.

All donations of \$15 or more will be acknowledged by Certificates of Appreciation—to be given out at District Meetings. The cost of the University is now \$100 per participant, but we have held the scholarships to \$70, and will make up the \$30 difference from undesignated donations.

WE NEED YOUR HELP! Be a participant! For further information, contact: Mrs. Daniel F. Connell, SEEK '80 Chm.; 726 SW Kings Bay Drive, Crystal River 32629.

Mail donations to: Mrs. Harry C. Durand, Finance Chm., 625 N. Hartley Circle, Deltona 32725.

after Feb. 1 with Mrs. Hanks. Reservations must be accompanied by the fee, stating the week desired, as well as whether the camper is to be in the regular program or the special 8th grade program (please check brochure for weeks of 8th grade program). Registration of the child can be made later. Send us your best juniors—they are our future leaders in garden club work. Happy Camping!

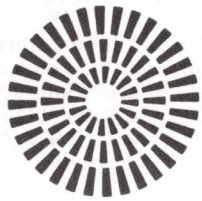
Is Your Garden (Club) Growing?

By Mrs. Frank T. Lowe
FFGC Membership Chm.

Every member of your club should be an aide to your Membership Chairman, not only seeking new members, but helping to organize new clubs. Invite men to join your club. Invite your new neighbor to one of your outstanding programs. Be sure to introduce him/her to other members. Make your guest feel welcome, and let him/her know what can be learned as a garden club member.

Each day new people move to Florida from other geographical areas. They are eager to learn how to grow indigenous plants. There are prospective garden club members to be found in all areas—young couples in new homes and apartments, anxious to beautify their homes with plants. For working couples, an evening 'couples club'—for others, luncheon, dinner or evening clubs can be important.

Yes, all the people mentioned are busy, but the busy person gets things done. The companionship of other people interested in various areas of garden club activities can be rewarding. Retired citizens are prospects glad to meet others whose interest is now gardening. The companionship and joy of sharing ideas can help the new retiree make the transition from working days to leisure days.



**Southeast
Bank of
Wildwood**

200 S. Main Street
(904) 748-1611
Wildwood, FL 32785

Member FDIC

Do not overlook that very important group—women with children. Our youth programs need their leadership and it is an opportunity for them to work with our Juniors, Intermediates, High School and College clubs.

Are we spreading the word that Garden Clubs are not just tea and flower arranging parties? Club programs offer horticulture information for both ornamentals and vegetables, on conservation, the environment, therapy for aged and youth, civic beautification and many other related areas.

Membership seeds, planted by our National President, Mrs. Dahlgren, and FFGC President Ella Wood, should now be sprouting and making strong healthy growth in clubs and circles.

Let's look at some statistics: In 1970-71 FFGC had a total of 30,053 members; nine years later the membership is 30,815, an increase of only 762, when the population of Florida is exploding. Are we so complacent that we will accept this rate of growth? I think not.

The membership seeds planted by our presidents will be fertilized by clubs and circles and there will be growth. Membership is a concern to all of us, or should be, and we need to grow in the quality of our members, as well as quantity.

We need the talents of many people in our clubs. We cannot all be horticulturists or flower arrangers. Every club needs a secretary, a treasurer, most clubs have money-making projects, and where creative talents are needed—sewers and sales enthusiasts, as well as artists to design posters and flower show schedules are valuable. Well written articles, of interest to members as well as the public, are needed. And don't forget the people who are proud of their culinary artistry. Most people are willing to share their abilities with others.

Publicity is the secret of any successful campaign. Are we spreading the news of our civic projects, conservation programs, Wekiva Youth Camp, E. E. Workshops, SEEK and many other projects? All the above programs and more are being accomplished by volunteers—individuals joining together with mutual interests and objectives. We contribute our time, money and talents because we care about

(Continued on page 29)

Arboreta and Botanical Gardens

By Mrs. Clifton L. Schandelmayer
Chairman

Is your club looking for a worthwhile continuing project? Have you thought of working with an Arboretum or Botanical Garden in your area? There are several non-commercial gardens throughout Florida that are in need of help of one sort or another.

District Directors have been given the location of some of these gardens, and their needs. This information is yours for the asking. Now that you have it, contact the Director of the garden and inquire how your club can become actively involved.

If a suitable facility is lacking in your district, consider starting a new garden. Major costs are land acquisition, fencing and irrigation facilities. If these costs are prohibitive, perhaps you could develop a mini-garden on the grounds at your garden center. A few words with the City Fathers may bring forth a public area that could be used.

Maintenance costs include labor, fertilizer and other supplies. You will need someone to supervise the garden's development and someone to manage finances, pay bills and raise funds. Utilize the talent in your group.

There are many privately owned gardens, of modest dimensions but often with superb plant collections, around the state. Most of these gardens are doomed to deterioration after the death or disability of the owner. Garden clubs in Florida could work to identify and preserve some of these.

We would like to see EVERY district either working with an existing Arboretum or Botanical Garden or establishing a new one during the present administration. What better way to "CULTIVATE COMMUNICATION AND HARVEST REWARDS!"

(Continued from page 28)

people and the world in which we live.

Spread the word of the vital work we are doing in our communities. Reap the results of increased membership. New members bring new ideas and talents. Win your "I-GOT-ONE" button. Start a new club.

NOTICE: EE WORKSHOP

The Environmental Education Workshop, to be held Feb. 1-4, 1980 at the Withlacoochie State Forest near Brooksville, is open to all garden club members, their friends and anyone interested in the environment.

This Workshop, under the sponsorship of District V, promises to give you real environmental education in a beautiful natural area. The housing does have indoor plumbing, however, and heat and/or air conditioning, and is arranged so that men, women and couples may be accommodated.

The cost—\$45 per participant—covers food, lodging, linens and teaching materials.

Housing facilities are limited, so reservations are accepted as the checks arrive—"first come, first served".

For further information contact: Mrs. Daniel F. Connell, Chm., 726 SW Kings Bay Drive, Crystal River 32629.

Send checks and reservations to: Mrs. Harold Jules, Rt. 2, Box 356, Crystal River 32629.

THE NATCHEZ PILGRIMAGE

Natchez-On-The-Mississippi
March 8 through April 6, 1980

34 Antebellum Houses Open

CONFEDERATE PAGEANT

Monday, Wednesday, Friday
Saturday nights

HOUSES BY CANDLELIGHT

Sunday, Tuesday, Thursday nights

For information about group
or individual tours, write

P. O. Box 347
Natchez, Mississippi 39120

Orchidacea

(Continued from page 12)

they have no pseudobulbs.

Dendrobiums produce spectacular numbers of flowers on pendent stems. This epiphytic genus has more than 1500 species, varying widely in flower and pseudobulb size.

Epidendrums are of great interest to Floridians since many of these easy-to-grow orchids are native to our state. Some species of epidendrums are terrestrial and some are reed-like without pseudobulbs, but most are epiphytic.

Vandas may be small but often are large tree-climbing specimens. The inflorescent spike of attractive, mostly flat flowers is long-lasting and comes in many colors. *Vandas* are sun-loving and do well with liberal amounts of water and fertilizer.

In the mild, humid atmosphere of South Florida most orchids may be grown outside or in slat houses, needing protection only for severe cold spells, but in other parts of Florida more winter protection is needed.

Cleanliness and the use of sterile pots, media and tools are of primary importance in orchid culture. Good ventilation is also essential in preventing fungal diseases. Overwatering is a common fault of the beginning orchidist, but the amount of water and the frequency of watering should be governed by the weather, the type of orchid, the time of year and the type of medium used for planting. Thus, it is difficult to make general rules for such a large and diverse family.

Orchids are usually fertilized with one of the liquid 20-20-20 fertilizers, but again this will vary according to the season and the species. Orchid growers are constantly experimenting with new materials and new nutrients. *Osmunda*, tree fern and tree bark are among the principal media choices; and here good drainage is the governing factor.

As in all plant families, a knowledge of the natural habitat of the species and its growing habits in that location is the best guide to continuing success.

Food Gardens

(Continued from page 12)

another. Also, some vegetable varieties may do best in Spring, others in late summer or fall plantings, due to dif-

ferences in temperature, rainfall and day length. Many disease resistant varieties and strains are now available. These should be selected if adaptable to your area.

Seed companies give information on planting. But as a general rule, the most cold hardy, cool season vegetables should be planted (or transplanted) 4 to 6 weeks before the last spring frost or "real cool spell." The less hardy cool season vegetables should be planted 2 to 4 weeks before the last real cold spell. The most cold hardy of these cool season crops include: broccoli, cabbage, cauliflower, collards, kale, lettuce, onions, English peas, Irish potatoes, spinach and turnips. The less hardy, cool season crops include: beets, carrots, chard, mustard, parsnips and radishes.

The frost tender, warm season or heat tolerant vegetables should not be planted until after the last of the Spring cold weather and when the soil is warm. These vegetables include: snapbeans, New Zealand spinach, squash, tomatoes (transplants), lima beans, eggplant, pepper, okra, peas, sweet potatoes, cukes, cantaloupes, pumpkins and watermelons. If you keep a record of your plantings, how they do, etc., next year's planting will be much easier, and you can apply for Award No. 28.

Container Gardening

I would like to discuss "container gardening." New techniques and materials for growing plants in containers have elevated this method from an expensive hobby to a valid and dependable source of fresh vegetables for apartment, condominium and mobile home residents. As our back yards become more shaded by maturing trees, many gardeners can move their vegetables into containers and on to remaining sunny spots on their patios, sidewalks, balconies or porches. Growing berries and dwarf varieties of fruit and citrus can be moved indoors, if necessary.

Containers can be very decorative. Wooden barrels or rustic boxes can be treated with "copper naphthate," which will not harm plants or animals. Much less expensive, and almost as durable, containers can be made from plastic garbage cans, foot tubs, plastic laundry baskets and used car tires. To reduce watering frequency, containers for vegetables should be of minimum 4-gallon capacity. Tomatoes, with two large vines per container, can be planted in 20 to 30 gallon

plastic garbage cans, and the can can be decorated to carry out a color scheme. Berry and fruit tree plantings call for sturdier containers to support the weight of the root ball. Half barrels of 20 gallon capacity work well. Avoid very small pots—they dry out quickly and will blow over in a stiff wind. Window boxes are wonderful for small plants—herbs, strawberries, etc. (and you have your herbs handy for use).

I like the idea of planting single plants in with the flowers. You have already prepared the soil and you water your flowers, so when you do this you also cultivate your food plants. I have seen tomato plants in with hedges.

(Continued in Mar./Apr. issue)

STATEMENT OF OWNERSHIP

- 1-Name of Publication: The Florida Gardener
 - a-Pub. No. ISSN 0426-5750
 - 2-Date of filing: 10-1-79
 - 3-Published Bi-monthly, 5x year, Sept./June
 - 4-Office of Publication: 1330 E. Lake Cannon Dr., Winter Haven, FL 33880
 - 5-Headquarters: 1400 S. Denning Dr., Winter Park, FL 32789
 - 6-Publisher: The Florida Federation of Garden Clubs, Inc., 1400 S. Denning Drive., Winter Park, FL 32789
Editor: Mrs. W. B. Lemons, 1330 E. Lake Cannon Dr., Winter Haven, FL 33880
 - 7-Owner: The Florida Federation of Garden Clubs, address same
 - 8-Known bondholders, etc.: none
 - 9-Nonprofit status not changed in last 12 months
 - 10-Total copies printed (average) 30,285; (actual) last printing: 31,010;
Paid circulation through vendors—none; Mail subscriptions (average) 29,896; (actual) 30,594; Total paid subscriptions (average) 29,896; (actual) 30,594; Free distribution (average) 189; (actual) 116; Total distribution (average) 30,085; (actual) 30,710; Copies undistributed (average) 200; (actual) 300; Returns from news agents: none. TOTAL: (average) 30,285; (actual) 31,010.
- I certify that the statements made by me are correct and complete.

Carol B. Lemons

FOR 29 YEARS—Federation members throughout the United States have received our catalog containing many **FLOWER ARRANGING and GARDENING ITEMS.**

Recently moving to Florida, we desire you know us. Our FREE new 1980 Mail Order Catalog is ready.
(We invite inquiries for exhibiting in two day Flower Shows).



Floral Art
THE FLORIDA GARDENERS' PARADISE
Supplies Inc.
P.O. BOX 13273
ORLANDO, FL 32859

JANUARY/FEBRUARY 1980

Resume of Minutes

Compiled by Mrs. Melville Hall
Resume Chairman

**Board of Directors Meeting
September 5-6, 1979
Headquarters, Winter Park**

Board Members:

- Heard President Mrs. John G. Wood report on participating in Wekiva Youth Camp sessions and SEEK '79; on holding conferences on By-laws Revisions and the new Floral Design program; attending the Energy Environment Education Conference in Durham, N.H., serving as publicity coordinator at the Environmental Education Workshop in Hawk's Nest, W. Va.; supervising carpet installation and painting of office and hall at Headquarters; meeting with Headquarters and Endowment Trustees, Advisory Council, District Directors and By-laws/Policy Committee prior to the September Board meeting.

- Ratified appointment of Mrs. A. E. Ansley and Mrs. Urban Kokege as Bird and 1980 Cruise Symposium Chairmen, respectively.

- Adopted a COLLECT written by Mrs. Melville Hall, Chaplain, as the official COLLECT of FFGC.

- Federated **St. Augustine Shores Garden Club (IV)**; **Brantley Harbor Garden Club (VII)**; **Summerplace Garden Club of Vero Beach (X)**; approved the transfer of Garden Club of Englewood from District IX to District VIII and accepted for probation **Sugar Mill Woods Garden Club** of Homosassa and **Wekiva Garden Club** of Gulf Hammock (both V), and **Garden Club of Gulf Harbors (VIII)**. Also, heard **Taki Bonsai Circle** announced as a new circle of **Lake City Garden Club (IV)**; first readings of intent to resign from **Ferry Pass Garden Club (I)**; **Founders Garden Club** of Green Cove Springs and **Rose Mallow Garden Club** of St. John's County, (both IV); and **Kendall Lake Garden Club (XII)**; and approved resignations of **Homewood Garden Club** of Fort Walton Beach (I), and **Tampense Garden Club** of Lighthouse Point (XII).

- Approved FFGC initiating a taxonomic study of Florida's native plants throughout its 12 districts in order to com-

pile a list of Seasonal Florida Vascular Plants.

- Advanced \$500 operating expenses to the 1980 FFGC Convention Committee, \$500 to the 1980 Cruise Symposium Committee, and an amount not to exceed \$200 for the purchase of study course books not in the library collection.

- Approved Tallahassee Garden Club hosting Gardening Study Course, Series II, Course 1, Feb. 25-27, 1980; Course II, Sept. 22-24, 1980; Course III, March 23-25, 1981; the holding of Landscape Design Schools in Jacksonville, tentatively beginning in the fall of 1980, in Gainesville, tentatively beginning in the fall of 1981.

- Adopted a resolution requesting Governor Bob Graham to issue a proclamation designating March and April, 1980 as "KEEP FLORIDA GLITTER CLEAN:" months.

- Heard 761 names are now inscribed in the "Parade of Presidents" Book at Headquarters, that net sales on ways and means items during the 3-month period ending Sept. 1, 1979 totaled \$1,457.18; "I Got One" buttons will be presented at 1980 Spring District Meetings to those who have reported getting a new member; Sixteen FFGC Life Memberships had been processed since June Board Meeting and six National Life Members, of the goal of 50 set for Florida this year, have been enrolled; SEEK Scholarships remain at \$70, with the goal for the 1980 Conference being \$15,000.

- Adopted the auditor's report and a corporate resolution, a copy of which will be sent to all banks handling FFGC accounts.

- Took cognizance of President Wood's appointment of Mrs. Joe Robinson, Flower Show Calendar and Evaluations Chairman, to serve as Liaison Chairman for an International Exhibition to mark the end of the 50th Anniversary celebration of National Council tentatively set for Sept. 11-13, 1980 in Washington, D.C.

- Heard Garden Club members are encouraged to send pictures of outstanding designs to the Florida Flower Arrangement Calendar Editor for possible use in future editions; Pierson Garden Club's request has sparked the movement to designate the Bartram Trail with permanent markers, with Deep South Director Mrs. Thomas Lacey accepting same as one of three main objectives of this biennial; last year's contributions in support of the

Federation's penal therapy program at six correctional institutions, which started some 20 years ago with FFGC members donating five cents each to build a greenhouse at Raiford, totaled \$2,152.68.

- Also heard Mrs. Vernon L. Conner, immediate past National Council President, voice the need for a complete restoration of Headquarters grounds; plans are progressing for establishing a wildflower garden at Headquarters, hopefully with four or five distinctive plants from each of the Federation's 12 districts; Bob Thomas, approved by National Council Chm. Mrs. Mabel Squires, is to teach Design at the 1980 Fall Symposium, scheduled Dec. 2-3, in Tampa; and Mrs. Bob Graham, first lady of Florida, will be asked to be honorary chairman of the Federation's "Operation Wildflower" program.

- Joined FFGC President Mrs. Wood in welcoming Mrs. Eugene M. Richcreek as Headquarters Office Manager, replacing Mrs. Marjorie Connor who resigned to move out-of-state.

assemblage—

(Continued from page 21)

accessories, which could not be considered an Assemblage. Remember—the secret lies in a factual statement in abstraction, governed by abstract guidelines.

STILL-LIFE GUIDELINES:

1. Objects selected are art type—functional—utilitarian.
2. Traditional or realistic placement of objects is used.
3. Development and story-telling is found in the objects used.
4. Realism is evident throughout the entire design.
5. Usually displayed in a niche or against a background.
6. Because the story is told more with objects than by arranged plant materials, it is suggested that Still-life classes be eligible for Creativity Award. If the objects are used in a minor role, such as a line within a design of plant material, or if objects are placed at the base of a design of plant material, you then have an arrangement with accessories, and this cannot be called a still-life.
7. Must contain some plant material, to be classified as a floral design.

Oberammergau Passion Play and Middle Europe Highlights

In the little German village of Oberammergau the internationally famous Passion Play will be presented in 1980. The play is a full day's reenactment of the life of Christ. The people of Oberammergau, in performing the play, fulfill an obligation which is a deep act of faith. It is a magnificent memorable spectacle.

It is imperative to make your reservations early. If you miss the Passion Play in 1980, you will have to wait until the next performance in 1990. Our tour will be limited to 28 participants who will be provided the very best reservations to insure their comfort.

Come with Knopke Travel & Maupintour to the 1980 Passion Play and also enjoy Highlights of Middle Europe. It will be a moving experience never to be forgotten.

DEPARTING JULY 13, 1980

10 DAYS

PERSONALLY ESCORTED

Price from Tampa and return

\$1886.00*

*(*Per person, double occupancy. Subject to change.)*

Knopke Travel Service, Inc.
1000 North Ashley Drive
Tampa, Florida 33602

Please send more information concerning the inspiring and moving 1980 Oberammergau Passion Play and Middle Europe Highlights Tour in July, 1980.

Name _____

Address _____

City _____ State _____ Zip _____

Postmaster

Please return form 3579 to

The Florida Gardener

P.O. Box 1000

Winter Park, FL 32789

CALENDAR OF EVENTS

1980

- January** 8-9 Board of Directors Meeting, Winter Park
18 Florida Arbor Day
29-30 Tropical Short Course, Miami
- February** 1-4 Environmental Workshop, Withlacoochee State Park
10-17 Cruise Symposium
25-27 Gardening Study Course, Series II, Course I, Tallahassee
- March** 3-5 Short Course, Univ. of Florida, Gainesville
10-12 Deep South Regional Convention, Biloxi, Mississippi
- Spring District Meetings**
- 7 District I—Pensacola
14 II—Panama City
17 III—Live Oak
18 V—Gainesville
19 IV—Jacksonville
20 VI—New Smyrna Beach
21 VII—Kissimmee
24 X—Fort Pierce
- 25-27 Gardening Study Course—Series I, Course IV, Melbourne
- April** 8 District VIII—Venice
9 IX—Naples
10 XI—Pompano Beach
11 XII—Miami
13-18 Blanche Covington Nature Study Course, Wekiva
21-23 Landscape Design School, Series XII, Course II—Winter Park
30 Annual Flower Show Judges Meeting & Luncheon
30 Pre-Convention Board of Directors Meeting, Lake Buena Vista
- May** 1-2 FFGC Convention, The Dutch Inn—Lake Buena Vista
3 Post Convention Board of Directors Meeting, Lake Buena Vista
11-15 NCSGC Convention—Oklahoma City
19-21 Landscape Design School, Series XI, Course IV—ChIPLEY
- June** 15 through July 26—Wekiva Youth Camp
10-11 Board of Directors Meeting, Winter Park
- August** 3-7 SEEK '80 Youth Environmental Conference—U. Central Fla.