

the florida
gardener
september-october 1980



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1981 Poster Contest Rules

Smokey Bear and Woodsy Owl —Environmental Poster Contest

A good poster is bold and simple in design, carrying its message in both picture and slogan. Anyone looking at a poster should be able to grasp the import of the message immediately from either picture or slogan.

1. Posters will be based on an environmental theme.
2. Participants are invited from the community-at-large—especially youth and senior citizens.
3. Competition divisions: (1) Kindergarten-2nd grade; (2) 3-5 grades; (3) 6-8 grades; (4) 9-12 grades; (5) above 12th grade.
4. Posters will be judged 20% each, for originality, design, slogan, artwork and overall effectiveness of message.
5. Size of poster: no larger than 12" x 18".
6. Materials used: No restrictions.
7. Artist's name, grade (or age) and home address should be printed on the lower right-hand corner on back.
8. Entries must be in the mail to the State Poster Contest Chm. **no later than Jan. 5, 1981.** Send to: Mrs. O. Edgar Williams, Jr., 260 Imperial Lane, Lauderdale-by-the-Sea, FL 33308.
9. For further information, please contact Mrs. Williams.



the florida gardener

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THE COVER

A familiar sight to most Floridians, but always intriguing because of its dramatic design, is the bloom of the banana tree *MUSACEAE paradisiaca sapientum*, the "common banana." A native of India and Ceylon, the banana is a tree-like herb, growing to 25 ft. The stem, after bearing, dies and is replaced by new suckers.

Photo courtesy of Cypress Gardens.

DEADLINES—for Nov./Dec. 1980 issue—*Editorial*—Sept. 15; *Advertising*—Oct. 1; *Circulation*—Oct. 1.

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Garden Path

A full basket of rewards was gathered at the National Council of State Garden Clubs Convention in Oklahoma City in May, as FFGC led all other states in the number of awards received! Congratulations to all winners and a special thanks to those who participated in the National Council Awards Program.

One of the highlights of the Awards presentation was receiving, for the second consecutive year, the Bronze Seal, given in recognition of outstanding completed projects by a State Federation. This prestigious and coveted medal was awarded for FFGC's 20-year project of penal garden therapy. See the article in this issue for details of Awards won.

We wish all of you could have been with us in Oklahoma City to share in the excitement and fun of a National Convention. It is a wonderful experience to meet delegates from all over the country, many traveling thousands of miles, as do the delegates from Hawaii and Alaska, to meet and discuss the business of making our world "The Wonderful World of Gardening."

In 1981 all of us have a golden opportunity to attend a National Convention without extensive travel. The National Convention will be held in our Deep South sister-state of Georgia. Start planning now to go to Atlanta in April, 1981.

We were saddened this spring by the loss of our beloved past president Mrs. Homer Gwinn. Velma was a devoted, dedicated gardener and a delightful and true friend. She will be sorely missed by her many garden club friends here in our state and throughout National Council, and by her many friends in the International Affiliated clubs. Velma shared her beautiful talent for floral design generously and was in much demand for workshops here and abroad. Read elsewhere in this issue of our Velma Gwinn Memorial Tree Plantings and plan to participate in this tribute to a beloved past president of FFGC.

At the Deep South Regional Convention last Spring the program of "Plant an Energy Tree" was adopted by all Deep

South states. What is an energy tree? This is a tree planted at home or in a public place that will help conserve energy by providing, particularly in Florida, shade in the summer or conversely one that will shed its leaves in the winter to allow sunlight to warm your home.

Energy conservation should be of paramount importance to all Americans. Plans are underway to sponsor Mini-Energy Education Conferences for garden club members. We will keep you posted.

The day before your President left for a cruise on the Norway, she received a most exciting mail-a-gram from the President of the United States, inviting her to a briefing on the Alaskan lands issue which was to be debated in the Senate the week of July 21st. The invitation was for July 21st at 10:30 A.M., the day after the ship arrived back in Miami. We hurriedly made our travel arrangements and flew to Washington D.C. on Sunday evening, July 20th, in the midst of the heat wave.

Due to the heat the briefing was held in the East Room of The White House instead of the Rose Garden, where it was originally scheduled. President Carter and Secretary of the Interior Cecil Andrus gave the views of the administration on the pending legislation. President Carter called it "The most important environmental decision of the century." Your President was honored to have had the privilege of joining eminent environmentalists from throughout the Nation for this important briefing. Your devotion to environmental issues made the invitation to the President of FFGC possible.

Our continuing educational programs go into gear with the Fall months. Plan now to attend Flower Show Schools, Flora Design Study Courses (see listings in this issue), Landscape Design School (Jacksonville on Oct. 1-3 and Winter Park, Oct. 29-31), Gardening Study Course in Tallahassee Sept. 22-24 and Environmental Workshop at Withlacoochee, Nov. 12-15.

As we travel the Garden Path in October to visit you at the District meet-

President Ella Wood invited to White House

At the invitation of President Jimmy Carter, FFGC President Ella Wood attended a briefing at the White House in Washington on the Alaskan Lands Issue being debated in Congress during the week of July 21. Interested people from all over the United States were present for the briefing.

After many delays the Senate was about to act on the Alaska Public Lands Bill, which would determine how much of Alaska should remain under federal protection in parks, refuges, and wilderness.

The battle over Alaska's public lands dates back to 1959, when Alaska won the statehood and became entitled to a share of the federal lands within its boundaries. The disagreement is about what lands the state should get. To provide interim protection until Congress acts, President Carter and Secretary of the Interior Cecil D. Andrus have taken steps to protect a large part of the land.

Last year the House passed a strong development-oriented bill that is opposed by conservationists, the Administration and House leaders. Senators Paul Tsongas (Mass.) and William V. Roth, Jr. (Del.) have

introduced a substitute bill similar to the House bill. Five amendments have also been offered to strengthen the committee bill.

The question before the Senate is whether a significant amount of the nation's last wilderness frontier will be protected for future generations. The Tsongas-Roth bill would leave at least two-thirds of Alaska open to development, including more than 90% of the state's high-potential, on-shore oil and gas areas, all the off-shore areas, and more than 70% of the high-potential hard-rock mineral area.

The outcome of the debate is still pending as this issue of *The Florida Gardener* goes to press.

National Council Visits Nation's Capital

Are you going to Washington, D.C. to see the Golden Anniversary Celebration of our National Council of State Garden Clubs? September 11-13 is the date. Our Florida clubs have donated a grand total of \$2,548.48 to this exciting event. We are proud of your contributions and thank you for all your generosity.

—Mrs. Joe C. Robinson
Exhibition 50 Liaison



FFGC members all dressed up and ready to enjoy the National Convention festivities in Oklahoma City in May. From left: Mrs. Kenton Haymans, Flower Arrangement Calendar Chm.; Kitty Gibbs of Dist. XII; Mrs. Charles H. Fischer, FFGC Corsage Chm.; Mrs. W. Scott Piersol, Jr., Chm. Headquarters and Endowment Trustees; Mrs. Sally Rahm, Chm. Personnel FFGC; Mrs. Joe C. Robinson, Chm. Flower Show Calendar and Evaluations, also Chm. Exhibition 50, for Florida; Mrs. Hugh C. Simmons, 2nd Vice President FFGC, Chm. of Awards; Mrs. Edward R. Jordan, 1st Vice President FFGC, State Life Membership Chm.; FFGC President Mrs. John G. Wood; Mrs. Sidney R. Davis, Past President and Chm. National Life Memberships; Mr. Henry Chillias, Chm. Parks, Memorial Gardens, Pilgrimages and Scenic Routes.

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Propagation

By Mrs. E. Robert Hunter
Improved Cultivars Chm.

Ever try to prop up a tree with a stake and later find that the stake had rooted? That is basic propagation and that's how easy it is in Florida—sometimes! Propagation can also be complex and difficult, and plants that root quickly can rot just as quickly. But propagation is fun, and sooner or later all of us have the urge to try our hand at reproducing one or more of our plants—perhaps by putting down a leaf of an african violet or a cutting from a dracaena. A few of us are led on into the more complicated but more rewarding pursuit of hybridizing—producing improved cultivars.

The principal method of producing improved cultivars is by seed. This is the only way to combine the genes of one cultivar with those of another to produce a third cultivar which is entirely new, as it may recombine the parental genes or revert to the characteristics of any one of its breeding lines. In this way we produce exciting new plants. We may also produce plants which combine less desirable traits and these should be ruthlessly discarded.

For the gardener in Florida, making cuttings is the most popular way of reproducing plants, partly because it is easy and partly because this produces an exact copy of the parent plant. Other ways of reproducing exactly are air-layering, root-layering and plant division.

We now have another method of duplicating plants—by meristem or tissue-culture. By this method one can produce hundreds of clones from the growing tip of a plant, thus making possible quick reproduction for the market when an exciting new cultivar is produced or when a break-through in breeding is achieved. Today, tissue-culture is largely a tool for commercial growers and large-scale hybridizers, since it requires a specialized laboratory and some degree of scientific knowledge.

Another method of reproducing plants combines parts of two plants so that they grow together. This is called grafting and is widely used by commercial nurseries, usually to make a tender or susceptible

(continued on page 32)

Tree Program

By Mrs. William Douglass Howze
Horticulture Chm.

FFGC has been offered an exciting opportunity! An invitation has been extended and accepted to participate in a pilot tree planting program instituted by the Florida Nurserymen and Growers Association and the Florida Department of Agriculture, Division of Forestry, for Florida Arbor Day, January 16, 1981.

Presently, a group of nurserymen in a trial area that includes the counties of Dade, Broward, Palm Beach, Hillsborough, Manatee, Sarasota and DeSoto have agreed to pot bare root tree seedlings supplied by the Division of Forestry in gallon containers and grow them for a year. The trees will then be offered to schools, public and private, in the seven trial counties. Approval has also been given for trees to be planted on the grounds of other institutions such as childrens homes and various types of youth training facilities, as requested.

Basically, the plan is for the Urban Forester in these counties to contact the schools and to act as coordinator and supply instruction on planting and maintenance. Plant distribution would be shared with F. N. G. A. participants and the garden clubs. In addition to helping with distribution, garden clubs in the trial counties would participate in presenting appropriate Arbor Day ceremonies and in arranging publicity.

Garden clubs in Dade, Broward and Palm Beach counties that want to share in this program should contact Mrs. R. E. Mills, 9735 SW 138th Street, Miami 33176 (305-235-3036). Those in DeSoto, Sarasota and Manatee, Mrs. Robert P. Meier, 4621 Longleaf Lane, Sarasota 33583 (813-924-0706). Hillsborough county clubs are to contact Mrs. Wm. N. Porter, 2203 Sunnybank Court, Valrico, FL 33594 (813-685-1362).

Tree varieties being grown for the trial area vary, and while all are growing slash pine, some nurserymen are also growing red cedar, eucalyptus torelliana and South Florida slash pine.

It is important to note that the Division of Forestry will continue to make bare root

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Mrs. Homer Gwinn President FFGC—1975-1977



In paying memorial tribute to Velma Gwinn, whose friendship all of us treasured, we acknowledge the enrichment added to our lives, individually and collectively, through associations with her as we worked together for the Federation during her tenures, beginning as District X Director and continuing through the vice presidencies and the presidency.

The earthly light that was this talented, capable, efficient, gentlewomanly leader burned brightly during an all-too-short span of years. Gracious and generous, she gave of her ability, her time, talent and vast storehouse of knowledge, tenaciously and effectively promoting and enhancing the many-faceted programs of the Florida Federation. Her influence was far reaching, extending beyond the confines of the United States, where she encouraged the formation of additional garden clubs and was then instrumental in placing them on our roster as affiliates.

Loyalty, integrity, dedication to purpose, unselfish devotion to duty and friends, leadership ability, willingness to give guidance and share burdens were synonymous with Velma Gwinn. No challenge seemed too great for her and by the same token no responsibility too small. She was a patient listener as well as a gifted speaker. Blessed with the joy of living in her heart and a dynamic, sparkling personality, she lived a full, rich and useful life. Her memory will live on in the hearts of thousands of garden clubbers.

—From a memorial by Mrs. Melville Hall

High School Gardening Units Extended

By Mrs. Robert Stone
624 Balmoral Rd., Winter Park 32789
High School Gardeners Chm.

In order to extend our registered High School Program to those excellent students who attend Camp, SEEK and garden club schools, three new concepts have been initiated.

1) **The Districtwide Unit**, which is designed for those Districts having no organized high school units and for those students who cannot join an already organized unit because of distance or closed membership. In addition, it may include those Intermediates whose garden club does not sponsor a high school unit. If there are seven students in one District who wish to participate in the high school program, they may contact this State High School Chairman, who will request the District Director to assign a garden club member as their liaison.

2) **The Associate Member** is a camp or

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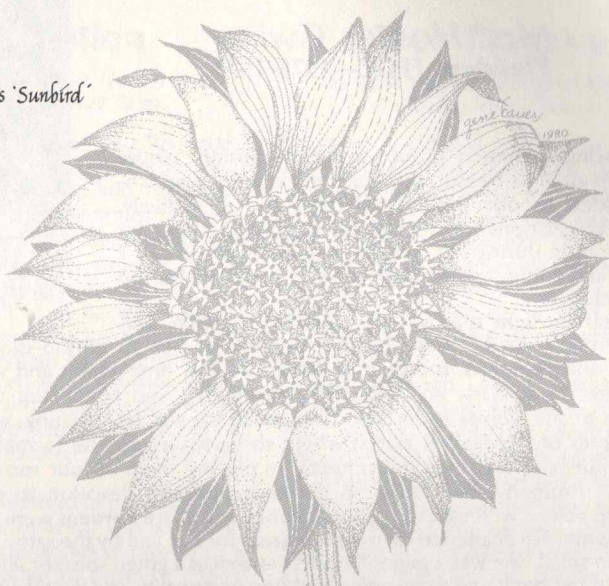
Flowers of Gold

Last year Mrs. Dale Bauer of Running Spring, California, most generously shared her beautiful drawings of "Plants of Gold" with *The Florida Gardener*. Her drawings and articles were originally created for *The National Gardener* in celebration of National Council's 50th birthday. Once again we are very, very fortunate to receive additional articles of this outstanding series. (See pg. 6 & 7).

Mrs. Bauer is a member of Redlands Horticultural Society in California, and is a Life Member of California Garden Clubs, Inc., as well as a Life Member of National Council. A former art teacher in the Los Angeles school system, Mrs. Bauer's home is at an elevation of 5,500 feet in the San Bernardino Mountains, where she has planted over 35,000 daffodil bulbs over the past 21 years.

Mrs. Bauer serves as Naturalist on National Council's Board, and was pictured in the latest *National Gardener* displaying the Environmental Action Leadership Medal that she was recently commissioned by Sears, Roebuck & Co. to design.

Helianthus annuus 'Sunbird'



Flowers of Gold

text, illustration and calligraphy by Gene Bauer
Naturalist, National Council of State Garden Clubs, Inc.

Sunflowers are among the best known and loved of all flowers. They are especially fascinating to children and often serve as their introduction to the gardening world. Sunflowers grow easily and rapidly into handsome plants providing a sense of great accomplishment. Native to almost every state, Kansas honors this cheerful plant as its official state flower.

Big, bold and dramatic are these flowers that follow the sun. To walk among even a few may be likened to a stroll among the giants. Hybrids of *Helianthus annuus* are capable of growing 4.8 meters (16 feet) tall and are crowned with glorious sunbursts of color 63 centimeters (25 inches) wide.

Indigenous to the western hemisphere sunflower seeds were considered sacred food to the aborigines of both American continents long before the arrival of Columbus. To the Incas in Peru the sunflower was the sacred image of their sun god. Sunflower emblems fashioned of solid gold were an integral part of the apparel of Inca priestesses.

The flower heads are composed of an outer ring of golden ray florets surrounding the inner tubular florets. As the florets fade the handsome pattern created by the closely packed maturing seeds becomes apparent. Variable in color the seeds may be gray with white stripes, black, brown or white.

Rich in flavor and highly nutritious sunflower seeds are 25 percent protein and contain many vitamins and minerals. They are eaten raw, roasted and sometimes ground into a meal. The most valuable product extracted from the seed is an edible oil used in cooking, making cosmetics, soaps and varnishes. This premium oil is now being tested as a fuel and fuel additive.

Long a commercial oilseed crop in eastern Europe and South America the sunflower, at last, is becoming a major crop in its homeland. In many areas of the Midwest "amber waves of grain" are being replaced by golden seas of sunflowers. Flower, as it is known to many farmers, is the most rapidly expanding crop in the nation. Over 5 million acres are now planted with sunflowers and within the next few years the planting will exceed 10 million acres. Much of this miracle crop is exported to Africa, Australia and Europe.

A flower whose blooming time coincided with the festival of the Virgin Mary was named *Mary's Gold*. This attractive, vigorous and carefree plant is now known by the shorter name of marigold. Indigenous to our southern neighbor, Mexico, it was introduced into Europe in 1596. Unfortunately its origin was overlooked because today these native Mexican flowers are often referred to as French marigolds and African marigolds.

Now available in many sizes ranging in height from 15 centimeters (6 inches) to 91 cm. (3 feet), flower form may be single, semi-double and fully double. Clear colors include soft cream, pale primrose yellow, gold, orange, mahogany and russet red. Vigorous fern-like foliage is lush and green. Marigolds provide containers, beds and borders of golden sunshine continuously from early summer until the first frost.



Tagetes erecta 'First Lady'

The Florida Gardener is grateful to Gene Bauer for allowing us to publish these beautiful pages, which originally appeared in *The National Gardener*.

SEPTEMBER/OCTOBER 1980



Butterflies

Attracting Winged Flowers

By Eve Riel Hannahs
Butterflies Chm.



Close your eyes and imagine a beautiful garden with butterflies. Now imagine the same garden without them. Even though the brilliant colors of flowers remain, without butterflies to bring it to life, the garden seems a sterile place.

Butterflies add much beauty to the world, as well as make themselves useful as pollinators. In this function they are second only to bees. Pollination is essential for creating fruits and seeds.

There are plants that guarantee butterfly visitations. In the cooler parts of our state a lovely shrub, **Buddleia** sp, known as butterfly bush, is a must for the butterfly garden. Species of milkweed grow statewide and can be incorporated into the garden for larval and nectar food. Golden rod, much maligned because of the myth that it causes sneezing, has heavy pollen that must be transported by butterflies and other pollinators.

Any other member of the Asteraceae attract butterflies. Spanish needle (**Bidens** spp) and thistles are not welcomed in most gardens, but observe their prowess in attracting butterflies. Lantana, coreopsis, day lilies, phlox, sweet william, citrus and clover all are attractors. Most any bright flowers or white flowers with colored centers are sought out for food. Notice that many hybridized flowers have lost their fragrance in their superior development and have lost their attraction for pollinators as well.

Flowers with enclosed blossoms, such as the **Sarracenia**s or monks hood and most of the orchids (e.g. lady slippers) must rely on bees that crawl into the lip or pierce the underside of the flower, or else specialized moths, for pollination.

Drooping flowers present difficulties for butterflies, as they prefer flat-topped flowers or those growing in racemes, with a large petal or lip for a landing platform, or inflorescences with multiple florets such as liatris or standing cypress (**Gilia**) that they can cling to.

The nectar of flowers is found in the base just above the ovary; therefore, flowers with tubes deeper than the proboscis of the butterfly will be left to other pollinators.

Before we have butterflies we must have larvae. Larvae are finicky eaters. Sometimes a species will feed on but one species of plant or only members of a certain plant family. Keep in mind larval foods when planting a garden. A list of these plants may be found in the Peterson series, "A Field Guide to the Butterflies", or in our publication, "Color Me a Butterfly".

In March, an area where willows were predominant was visited and there was an abundance of the Monarch "look alike" Viceroy. On a recent trip through the Blue Ridge Parkway and on up to Wisconsin it was noted that the only showy butterfly was the tiger swallowtail, which was observed in great numbers. Their larval food is mostly poplars, wild cherry, tulip trees and birches which were in great abundance.

Do you have any nettles (**Urticaceae**) in your yard? Who does? If they are found nearby, your garden will be visited by the Red Admiral. Those vacant lots and canal banks that many insist be mowed or sprayed, produce myriad forms of wildlife that includes butterflies. Larval plants are necessary for a self-perpetuating butterfly garden, as has been noted. Species are limited by larval food.

In England, where butterfly populations are dwindling, butterfly gardens are very popular. It was noted that at the Chelsea Flower Show the forestry exhibit consisted of plants for butterfly food. Do yourself a favor by planting a butterfly garden and be rewarded by the sight of our "flowers of the air".

PAST TREASURER FFGC

Word was received in July of the death of Mrs. Viola Delarose Gallagher of Jacksonville. A member of River Oaks Garden Club as well as Gloriosa Rothchildeana Circle of The Garden Club of Jacksonville and Verano Park Garden Club, Mrs. Gallagher was a past Treasurer of the Florida Federation of Garden Clubs and had many friends in FFGC.

THE FLORIDA GARDENER

Plant Families

Gramineae

Part 3. **GRAMINEAE** or **POACEAE**
(the grasses) in contrast with
CYPERACEAE (the sedges)

By Dr. Fanny-Fern Davis
Wildflower Chm.

The grasses make up an extraordinarily large and significant family of the Monocotyledons, one with minute flowers which are not understood by the casual observer of plants. This is unfortunate, for when seen under the dissecting microscope or with the aid of an adequately powerful hand lens, they are beautiful beyond compare.

The next time you visit in New England, be sure to look up the Glass Flowers in the Agassiz Museum on the Harvard Yard and find the grass flowers which have been most accurately produced under very high magnification. That exhibit will open a whole new world to you!

But back to the grasses: They make up a uniquely important family consisting of some 525 genera and 5,000 species, some of which provide much of the food used by humans and their livestock throughout the world. Agnes Chase, who worked with the grasses in the Department of Botany of the Smithsonian Institution from 1903 to 1946 wrote: "Grasses have been so successful in the struggle for existence that they have a wider range than any other plant family; they occupy all parts of the north and exceed any other family in the number of individuals . . . They endure both cold and torrid desert conditions, form the main part of the vegetation of vast prairies, plains, savannas, and steppes of both hemispheres, and occupy great stretches of marsh and tidal flats, where they are building up the land. Bamboos, the largest of grasses, form extensive forests and dense jungles . . . They form the third largest family of flowering plants, exceeded in number of species only by the aster family and the orchids . . ."

All grasses are easy to recognize by their common characteristics of stem and leaf structure. The stems (called culms) are hollow with solid joints and two ranked leaves, one at each joint. The leaves consist of two parts, the blade which commonly is long and narrow and parallel-veined, and the sheath below the joint,

which fits around the stem with margins often overlapping, but rarely grown together, with a hairy ring at the joint, called a ligule.

The great variability responsible for the 5,000 species is in the nature and arrangement of the tiny flowers (called florets) in spikelets. The minute flowers have no petals or sepals and usually consist of three stamens surrounding a single pistil with two beautiful feathery stigmas and styles all contained between two bracts known as the lemma and the pelea. And yet it is on the characteristics of these tiny florets and their arrangement in spikelets or panicles of many types that species identification is made. Perhaps the one best known for its beauty to Floridians, and one which is easiest to study is Sea Oats (*Uniola paniculata*).

Grasses are easily distinguished from the sedges (*Cyperaceae*) by their leaves and stems. The stems of sedges are commonly solid and three-sided, and sheaths completely surround the stem. The florets do not have the lemma and pelea, are frequently unisexual and arranged in comparatively short coarse spikelets.

To the sedges belong some of our worst weeds as well as the bullrushes, the *Cyperus* paper plant from India and, in Florida, our beautiful roadside *Dichromena latifolia* (whitetop sedge), with its involucre of white pointed recurved bracts at the base of a flat cluster of inconspicuous flowers. There are some 90 genera and 4,000 species of sedges, which like the grasses are distributed around the world.

FIRST BARTRAM TRAIL MARKER TO BE DEDICATED

Pierson Garden Club of Dist. VI has purchased the first Bartram Trail marker in the entire Deep South Region, and this marker will be dedicated on October 8, 1980 in the town of Volusia under the big oak. Many people involved in the Bartram Trail project will be present and all interested people are invited. Contact Ruth C. Hagstrom of the Pierson Garden Club for further details. Let's all support this giant step in the preservation of the Bartram Trail!

SYMPOSIUM 1980

December 2-3

Holiday Inn, 4500 W. Cypress, Tampa

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

Registrar: Mrs. W. D. Howze, 3947 Eden Roc Circle, Tampa 33614

Judges taking Symposium for credit must receive approval from the State Flower Show School Chairman. Write for application form: Mrs. John Howarth, 1253 Westlawn Dr., Jacksonville 32211

Dec. 1—Monday: Registration—4:00 P.M.-7:00 P.M. Pre-Symposium dinner and program (casual dress) 7:00 P.M.

Dec. 2—Tuesday: Registration—7:30 A.M.-8:00 A.M.; 8:05—**Florida Wildflowers**—Dr. J. E. Dunlap; 10:15—**Araceae & Orchidaceae Families**—Mrs. A. F. Legatski; 1-3 P.M. Resume. 3:00 P.M.—Point Scoring Examination

Dec. 3—Wednesday: Registration—7:30 A.M.-8:00 A.M.; 8:15 A.M. **Table T.N.T.—Treats 'N Techniques**—Mrs. Dursie Ekman 10:15 A.M. **Perceptive Analysis of Line, Mass and Mass-Line in Designing with Plant Material**—Mr. Bob Thomas; 1:00 P.M. Resume. 3:00 P.M.—Point Scoring Examination

Brochures will be mailed to all Judges in September. Those not receiving a brochure, please use this form.

Make checks payable to **1980 Symposium, Tampa**

Mail Registration form and check to **Registrar:** Mrs. W. D. Howze, 3947 Eden Roc Circle, Tampa 33614

NAME _____ DISTRICT _____

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Please check events you will attend and enter all amounts included in check.

Dec. 1—Pre-Symposium Dinner and Program \$ 9.50 () _____

Dec. 2—Course and Luncheon 17.50 () _____

Dec. 3—Course and Luncheon 17.50 () _____

Examination Fee 2.00 () _____

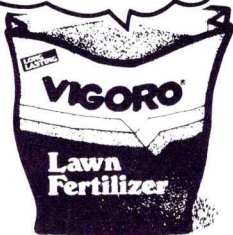
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DECEMBER 1-3, 1980**

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- Cut off date for reservations is November 10 after which rooms will be sold on a space available basis at our published rate.

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- You must guarantee your reservation with a first night's deposit or major credit card number. Credit Card # _____
Exp. Date _____

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_____ BAC _____ MC _____ DC _____ TVLRS. CHECK

CC NAME _____

CC # _____ EXP. DATE _____

REFUND POLICY

- Full refund of deposit will be forfeited unless written cancellation is received one week prior to arrival date.

THE PARADE of Florida Schools

By Mrs. Ralph Carter
School Grounds Beautification Chm.

GOAL: One community school ground improved by each club and/or circle in FFGC. **Parade your banner** at District Meetings and State Convention.

You did the work on your community school grounds last year. You planted at least one tree or one flower bed, or put up one bird house.

But many of you did not parade those banners at State Convention. What fun we had!

Now is your second chance! Plan to do some work on at least one of your community's school grounds.

Pledge with your banner! Use the official banner of the school (not over 15" x 36"), or have your youth group or Project Chairman make a school banner.

- (1) Use school colors
- (2) Make of any fabric
- (3) Triangular shape
- (4) No larger than 15" x 36"
- (5) Include name of school
- (6) Attach to balloon stick.

Parade your Banner—at District Meetings in the Fall and Spring—and at State Convention in Miami next May.

ALSO, make special plans for Arbor Day 1981. Contact your County Forester. **Order now** (1) Free bare root seedlings for school grounds. (2) Other bare root seedlings at nominal cost. (3) Potted trees—a special cooperative effort between FFGC, Florida Nurserymen and Florida Division of Forestry (available to clubs in Dade, Broward, Palm Beach, DeSoto, Sarasota, Manatee and Hillsborough counties).

Keep those Records! Keep your progress reports, pictures of each improvement and copies of all publicity.

Apply for Awards!

Take pictures! (1) Color snapshots of front of school, showing name of school. (2) On back write name of school, address, sponsors and District. (3) Mail to School Grounds Improvement Chairman for President's Scrapbook: Mrs. Ralph Carter, Rt. 5, Box 484, Chipley, FL 32428 (904-638-0885).



Cypresswood

Membership Growth

By Almeda B. Lowe
Membership Chm.

The "I Got One" button membership campaign continues, with awards, certificates, plaques and surprises to be won. YOU can become a special garden club member, YOUR CLUB can be a part of a select group—READ the next issue of *The Florida Gardener* for details.

A few ways that clubs are increasing membership:

One club almost doubled in size after beautifying the entrance to their large development. Residents wanted to be a part of a group doing so much to increase the value of their properties.

Another club found that an exhibit in a mall, store or fair was an excellent way to recruit interested members.

"Grow and Share" programs have attracted members, especially when combined with an informative horticulture program.

Holiday workshops open to the public attract persons interested in flower arranging. While attending this workshop they become aware of the many other activities your club sponsors.

Displays, publicity and participation in civic programs helped spread the garden club story and increased membership for one club.

Each club showing an increased membership grew by using the method best suited to that club.

Organizing New Clubs

Potential garden club members should not be discouraged by being put on a waiting list—there are other alternatives. Bylaws can be changed, but best of all, new clubs can be organized. A club that has not sponsored a new club has missed a wonderful experience. Last year a circle with limited membership had as one of their projects organizing a new circle. This they completed in less than six months.

A club within a newcomers club is always successful. Most members come from out of state and are anxious to learn about Florida gardens. Newcomers are also interested in meeting people with similar interests.

Just one member can organize a new club. If you live in a newly developed area invite a few friends and neighbors to a coffee and discuss the advantages of being a part of FFGC. You can always belong to

SEPTEMBER/OCTOBER 1980

NATCHEZ

ON THE

MISSISSIPPI



FOURTH ANNUAL FALL PILGRIMAGE

October 4-18, 1980

FOR FURTHER
INFORMATION CONTACT:
THE NATCHEZ FALL
PILGRIMAGE
P.O. Box 347
Natchez, MS 39120
Tel: 601-446-6631

New Scholarship

The Florida Federation of Garden Clubs is most grateful to Mrs. Beth Collier for a scholarship she has established in the name of her sister. It will be known as "The Sally Rahm Scholarship For Wekiva Youth Camp."

Its purpose is to pay the tuition of one or more students to Wekiva Youth Camp each year. Sally Rahm is currently serving as Personnel Chairman for FFGC and is 1st Vice President and Program Chairman for the Florida Council of Flower Show Judges. For National Council Sally serves as International Affiliate Judges Chairman on the Flower Show Schools Committee.

This new scholarship was awarded for the summer of 1980 to Donna Catalanotto of Lighthouse Point.

more than one club. It takes only you and nine others to form a new club.

At Convention next May will YOU be a member of a special group? Will YOUR CLUB receive a surprise award? This article tells how to be in the winner's circle. Start now—be a winner. Membership MUST and WILL grow with the participation of all members.

State Life Memberships

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

Garden Clubbers from all over the state have been honored with life memberships by their clubs and friends this past year. So many, in fact, that it will take more than one issue to list all of these outstanding honorees.

1449 Mrs. Hobart Brown, Clearwater
1451 Mrs. J. D. Gillman, Milton
1452 Mrs. Mary Huhn, Venice
1453 Mrs. George W. Mitchem, Maitland
1454 Mrs. Arthur Fox, Tavares
1455 Mrs. Carl Feit, Orange Park
1456 Mrs. Jim Dye, Tallahassee
1457 Mrs. William Wilson, Tallahassee
1458 Mrs. Ethel Minor, Apopka
1459 Mrs. Alfred Grinstead, Jacksonville
1460 Mrs. Paul King, Tampa
1461 Mrs. T. R. Robinson, Tampa
1462 Mrs. Ralph Wheeler, Punta Gorda
1463 Mrs. Ronald Nettles, Tallahassee
1464 Mrs. Prentiss Huddleston, Tallahassee
1465 Mrs. M. R. Clements, Tallahassee
1466 Mrs. Morgan Gilbert, Miami Beach

1467 Mrs. Charles Browne, Marathon
1468 Mrs. R. E. Hunter, Tampa
1469 Mrs. N. J. Gay, Tampa
1470 Mrs. Alvin L. Horning, Crystal River
1471 Mrs. Donald B. Frazier, Jacksonville
1472 Mrs. James H. Roberts, Tallahassee
1473 Mrs. William H. N. Ellis, Tallahassee
1474 Mrs. William P. Cooke, Tallahassee
1475 Mrs. A. W. Boatright, Live Oak
1476 Mrs. R. L. Dalton, Panama City
1477 Mrs. Paul R. Sauve, Sarasota
1478 Mrs. O. A. Brown, Milton
1479 Mrs. Leroy Oswald, Melbourne Bch.
1480 Mrs. John Shirek, Melbourne Bch.
1481 Mrs. Willis R. Givens, Indialantic
1482 Mrs. William F. Cole, Delray Beach
1483 Mrs. H. Jack Watson, Orange Park
1484 Mrs. Leo Davis, Bagdad
1485 Mrs. Dan McKenzie, Milton
1486 Mrs. Granville Alley, Daytona Bch.
1487 Mrs. Hoke Johnson, Holly Hill
1488 Mrs. Howren Boland, Jacksonville
1489 Mrs. C. E. Copeland, Apopka
1490 Mrs. Addison Dishman, Cocoa Bch.
1491 Mrs. B. J. Beckman, Miami
1492 Mrs. Kenneth DeGarmo, Miami
1493 Mrs. Earl E. Hamilton, Marianna
1494 Mrs. Hanna P. Stone, Tampa
1495 Mrs. Carleton A. Fox, Lehigh Acres
1496 Mrs. Shirley Floyd, Jupiter
1497 Mrs. John Andrews, Tampa

Scholarship Honors Agnes McIntosh

At the June Board meeting Directors voted that "The FFGC Student Aid Grant now be known as The Agnes McIntosh Student Aid Grant," to honor a past director who died February 27, 1980. Agnes resigned from the board several years ago because of poor health, but during her many years as a director she was well known throughout the State, the Deep South and in National Council. A "Guardian of Gardens," her generous bequest to the Headquarters Endowment Fund attests to her dedication to the work of our State Federation. Among her many interests were the advancement of the Wekiva Youth Camp and the Scholarship program.

A \$700 Student Aid Grant was established in 1976 to be available to a deserving Florida student attending a Florida college or university as an upper classman or graduate student, majoring in a subject pertaining to garden club objectives.

A few unused scholarships were the basis for this fund. Garden Clubs and individuals are welcome to send memorials and honorariums to the Agnes McIntosh Student Aid Grant, as this will be the source of its perpetuation.

"Schultz-Instant"
LIQUID PLANT FOOD
10-15-10
Concentrated, High Analysis — All Purpose — 10-15-10 "Starts and Feeds" all Plants Indoors and Outdoors.
Available at your store or send \$1.25 for 5-1/2oz. \$2.50 for 12oz (includes mailing).

"Schultz-Instant"
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Concentrated, High Analysis — All Purpose — 20-30-20 crystals. Grows Vegetables, Flowers, Roses, Trees, Shrubs, Lawns, Etc., in Yards, Gardens, Greenhouses.
Available at your store or send \$7.95 for 5-lb (includes mailing).

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SEND FOR OUR FUND RAISING OFFER

THE FLORIDA GARDENER

Extra—Extra

By Suenell Spiro
Calendar Promotion Chm.

The 1980 Florida Flower Arrangement Calendar was a National winner! Congratulations to the editor, Elise Haymans, and to all those who had arrangements in this winning calendar!

We told you the 1980 calendar was a thing of beauty, and you believed it enough to buy a great many, but there are still some left that can be used for all kinds of things . . . therapy projects, youth work, to put in your "idea file" for future arrangements . . . these and many others are ways you can use the remaining calendars at a highly (or lowly) reduced price. Help us to move them from headquarters and help the budget at the same time.

Now the 1981 calendar is anxiously waiting to find a home. Why not begin sending it out to friends early, so they'll have time to ask for more to give as Christmas gifts or stocking stuffers?

Please try to have your orders picked up at Headquarters if at all possible, but **do** get your orders into Mrs. J. M. Clark, 1600 E. Harbor View, Punta Gorda, FL 33950.

Your committee thinks this calendar is even better than the winning one. It has changes we think you'll like. Share it with your non-garden club friends. Shops, shoppes and just plain stores are already ordering calendars to stock the shelves for Christmas. Remind them to carry FFGC's calendar.

How sweet it would be to have 100% participation in calendar sales this year. That means every club in the Federation would order at least one. Remember—"Each one buy one—and sell one." Now your promotion chairman's new motto is "Happiness is—selling out of calendars!"

Be Environmental-Wise Who—You! A "How-To" Workshop



Have you ever wanted to do something about your local environment?

Have you ever wanted to learn what is behind the headlines?

None of us is as smart as all of us. Learn how to investigate issues by gathering facts and drawing your own conclusions. Practice presenting information. Learn to be effective at your local hearings.

Join Districts VIII and IX at Withlacoochee State Forest Education Facility near Brooksville, November 12-15, 1980. For only \$45 you can improve your skills, have your linen and food provided . . . sleep and work in air conditioning (or heat) and in the beautiful out-of-doors.

Send men and women representatives from your local planning agencies. Send high school seniors. Alert teachers to request funding through their county school Environmental Education office. Limited housing is available for couples. SEND YOURSELF! We will help you find a car pool.

Register with: Mrs. W. W. Hendrickson, 1521 Ave. E. NE, Winter Haven, FL 33880 (813-293-8386).

Make \$45 check to: FFGC EE Workshop, Dist. VIII-IX.

For more information write or call: Mrs. Dewey R. Villareal, Jr., 4413 Brookwood Dr., Tampa, FL 33609 (813-872-8922).

For a good time in the Fall join us at Withlacoochee. It's FUN!

IDEA BOOKS FOR CHRISTMAS SALES

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

Send for:
CREATE WITH CONES \$2.50
Making wreaths, Christmas trees and other holiday decorations.
No. _____

CREATE WITH DRIFTWOOD \$2.50
Features your finds from mobiles to jewelry, to sculpture. No. _____

Your Name _____

Address _____

Amount enclosed _____

(Prices include postage)

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				K	
				E	
B	O	A	R	D	

"TREE CITY"

Five Florida municipalities won National Arbor Day Foundation's "Tree City" designations . . . Hollywood, Orlando, Winter Park, Tampa and Clearwater.

STATE FLOWER SHOW

April 3-4-5, 1981—Tampa

Be a Donor!

(Listed in Program by Districts)

- Benefactor \$100
- Sustainer 50
- Patron 25
- Supporter 10

Any donation will be appreciated.

Make Checks to: 1981 FFGC State Flower Show.

Mail to: Mrs. Dewey R. Villareal, Jr., 4413 Brookwood Dr., Tampa, FL 33609.

Deadline: Jan. 1, 1981.

BIRTHDAY TREE

U.S. Forest Service, celebrating its 75th birthday in 1980, announced its wish that every citizen would have a Birthday Tree planted this year, not for the USFS birthday, but for his own. USFS publication "Plant a Birthday Tree" is available from Division of Forestry offices throughout the state.

TINY SEEDS

The smaller the seed the quicker it uses up its food reserve and will appreciate a dilute feeding as soon as it sprouts. Apply fertilizer carefully, in lukewarm water so as not to disturb the tiny seeds.

—*South Dakota Messenger*

GARDEN GROAN

Bright are the blooms in the catalogue,
Bright are the dreams they engender,
Slight are the plants that emerge from my seeds,

Slight and anemic, and slender.

Florence Pedigo Jansson

From News of the Federated Garden Clubs of Connecticut

SEARS REPRESENTATIVE DIES

Mr. Clyde Ware, Community Manager and Representative of the Sears Foundation died June 25, 1980.

Those affiliated with the HANDS Program will miss his cheerfulness, cooperation and guidance. He was one of the key Sears people working with the HANDS group in the FFGC.

TO A DRY ARRANGER

Give her flowers gone to seed,
Or an interesting weed,
Dried up leaves about to rot—
Give her a garden "gone to pot."
Gutter cuttings that you slighted
Make this lady quite delighted.
Skip the roses, pinks and stock,
Give her thistle, wheat or dock.
Let dry up the flower bed—
Frankly she prefers it dead!

Mandena Savides

"Golden Gardens"—California

LETHAL YELLOW CURE NEAR

An Associated Press notice in the newspaper recently noted that the "unchecked quarter-century spread through Florida of a disease that kills coconut palms may be nearing an end.

James Dunaway, a semi-retired nurseryman, has developed a treatment for lethal yellowing that officials say may not be a full cure, but is close.

"Lethal yellowing, credited with wiping out two-thirds of the world's coconut palms, first struck Florida in Key West in 1955. Since then, it has ruined 95% of the coconut palms in the Miami area, and has infected palms all across South Florida."

Dunaway said "We are very close to a cure . . . knocking on the door."

BOTANICAL WORD-POWER PRONOUNCIATION

BROMELIADS (Pronounced bro-meel-ee-ads)

- Acanthostachys (a-cantho-steak is)
- Aechmea (eek-me a)
- Ananas (anay'-nus)
- Billbergia (bill-berj'ea)
- Cryptbergia (cript-berj'-ea)
- Cryptanthus (cript-anth'us)
- Dyckia (dick'ea)
- Guzmania (guz-may'nya)
- Hohenbergia (hoe-en-berj'-ea)
- Neoregelia (nee-o-ree-jeel'-ya)
- Nidularium (nid-u-lar'-ium)
- Orthophytum (or-tho-ty'tum)
- Quesnelia (kwes-nail'ea)
- Tillandsia (till-and'sia)
- Vriesea (vree'-se-a)

BUTTERFLY CHAIRMAN

Did you know that Florida is the first Federation to have a Butterfly Chairmanship? Honor our President Ella Wood by choosing a butterfly to represent your clubs or circles. Select a Butterfly for your District and add it to your banner. Instant beauty!

*Eve Hannahs
Butterfly Chm.*

ALASKAN WILDFLOWERS

Mrs. Fred Evans of Lady Lake Garden Club, Leesburg, writes that on a recent tour of Alaska she found the wildflowers blooming in profusion—"and gorgeous!" Maria says it's nice to know that Alaskans, too, are promoting and conserving the "wildings." Poppies that were sent from California have adapted very well and are quite colorful. "It is a beautiful state!"

ENCHANTED GARDEN CORNER

By Kathy Sample

Plant Distribution Chm.

Bartram's Ixia bloomed on "Wildflower Hill" at FFGC Headquarters on June 11th. It is part of District IV's historic flora!

Over 200 varieties of Florida's Natives have been planted in a bog garden, with a pool for floating flora and a perennial bed. Plants include many species of hibiscus, mosses, ferns, insectivorous plants and a great variety of blooming perennials.

Polly and Art Kummer are having a great time maintaining this garden.

Have FUN planting your own Wildflower Garden!



Beverly Slisz's National Award Winning Environmental Poster.

Florida's National Winner

Smokey Bear—Woody Owl 1980 Environmental Poster Contest

Beverly Slisz, a talented High School graduate (June 1980) from Englewood, brought home the honors to our state in her division (9th through 12th grade) with her winning entry in the State, Regional and National competition of the 1980 Environmental Poster Contest! Beverly's victory has made Cardinal Mooney High, Sarasota Garden Club, District VIII and FFGC very proud, indeed!

Beverly is an outdoor, all-around girl. Her interests include swimming, water skiing and crafts. She will be attending Manatee Junior College in the Fall and will pursue art and drama, two of her favorite subjects. Congratulations, Beverly, on your fine winning poster!

Rules for the 1981 Contest (included in this issue) have been mailed to all Club and Circle Presidents, District Directors and Board Members of FFGC. Please help seek out contestants.

This is one contest that has no age limitations. In fact, why don't **you** enter a poster?



book briefs

By Mrs. Pierre Thompson
FFGC Book Chairman

COLOR ME A BUTTERFLY—By FFGC Butterfly Chairman—Eve R. Hannahs.
Published by FFGC; Purchase through Headquarters Manager.
Price: \$2.00.

This great little jewel is a necessity for our Youth Leaders, Butterfly Chairmen and just plain folks who are interested in butterflies. All species listed in this book can be found in Florida. There's information on conservation, identification, metamorphosis, pollination. Many common species are shown to assist you in familiarizing yourself and others with these labyrinthical, delicate creatures of profound beauty.

HYDROPONICS FOR THE HOME GARDENER by Stewart Kenyon.

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

Price: \$6.95.

This little neat, explicit book deserves your consideration as one that endeavors to fill the gap by explaining the use of hydroponics for the small-scale indoor grower. The roles of light, temperature and nutrition are discussed in terms that are understandable by the layman. The author gives us a number of easy-to-follow nutrient formulations and describes which fertilizers and the amounts of each to use. How about growing herbs—a new favorite for the gardeners I know, and this book even contains various recipes. It goes into detail on how to obtain the highest yields from your soilless garden by extending the growing season outside, and on intercropping and outcropping on your balcony. You get the basics with many plusses.

THE FLORIDA GARDENER

Energy Trees

By Mrs. Robert E. Mills
Trees Chairman

Since this is an election year we have been exposed to a great deal of campaigning, and a good many promises. As energy-conscious garden clubbers, let us campaign for something we believe in and know will live up to all promises . . . PLANT AN ENERGY TREE.

At the Deep South Regional meeting last Spring a project to plant trees as an energy conservation measure was adopted. We are all encouraged to design landscape plantings to cut cooling and heating costs.

Measurements indicate that 25% to 35% reduction in heating and cooling loads may be possible through careful use of landscape elements, such as trees, shrubs and ground covers. Free standing trees provide an effective shading device that can affect not only the walls of a building but also its roof. As the number of trees increase, their effect on the house will change. A grove of trees will not only provide shade and wind protection, but will modify outside air temperature through evaporative cooling.

Air conditioners in a fully shaded house have been shown to work only half as much as ones in a house that has its walls and roof exposed to the sun. Temperatures between shaded and unshaded outdoor wall surfaces can differ as much as eight degrees. Other research reports show that shade trees will reduce heat gains by 40 to 80%, depending upon their placement and density. Even a sparse shade tree may be a better energy saver than an interior venetian blind.

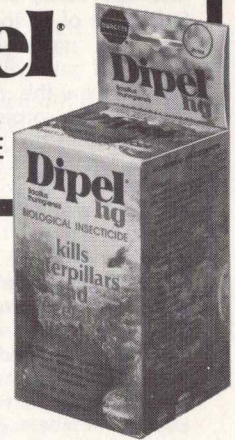
Trees serving as windbreaks also affect the year-round temperature of your home. Trees such as evergreens that branch to the ground are the most effective year-round plants for wind control, and form a solid barrier. Trees can deflect the wind for cold protection and also serve to guide the wind in a desired direction to provide coolness during the summer.

At the June Board Meeting, your FFGC Board endorsed a Velma Gwinn Memorial Tree Planting Program. Plant a Velma Gwinn Memorial Tree for energy conservation or plant an Energy Tree for a Velma Gwinn Memorial Tree . . . but plant a tree this year and help our world.

SEPTEMBER/OCTOBER 1980

Stop Caterpillars
in Their Tracks!

Dipel
BIOLOGICAL
INSECTICIDE



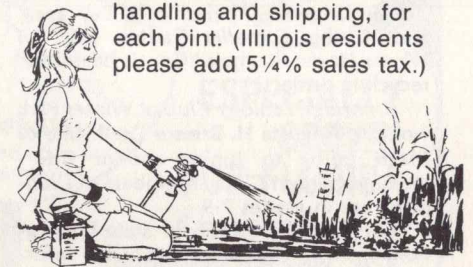
Dipel is a natural insecticide that helps keep gardens healthy and beautiful. Within hours after the spray application, its powerful formulation prevents caterpillars from feeding. In a few days, they're dead.

Dipel is equally deadly to many types of insects including:

- cabbage worms
- tomato hornworms
- inchworms
- loopers
- bag worms
- grape leaf folders

Just one tablespoon is recommended for a full gallon of spray. The compact one-pint carton makes up to 20 gallons — enough for dozens of applications.

Order Dipel today and watch it do wonders for your garden. Send \$3.50, plus 75¢ for handling and shipping, for each pint. (Illinois residents please add 5¼% sales tax.)



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AWARDS

Florida did it again! FFGC won the **BRONZE SEAL**, awarded to a member federation of National Council for an outstanding, unusual completed project worthy of national recognition. This year Florida won this outstanding honor for their 20-year project in garden therapy conducted in the prisons of Florida.

FFGC came away from National Convention this year with the greatest number of awards won by any member federation, and if you don't think Florida delegates were proud!!

Both **Fisher Medals for Garden Centers** went to Florida clubs. Award A, going to the garden center which, in proportion to size, has performed the greatest service to the community, the *Tampa Federation of Garden Club Circles, Inc.*, with 35 circles and 350 members. Award B, for the garden center having the greatest influence on the children of the community, went to *Winter Park Garden Club*.

Non-Competitive Flower Shows in each state were awarded. Florida winners were the *Garden Club of Jacksonville*, for their show "Main Street"; the *Garden Club of Indian River County* for "Shakespearean Gardens," *The Lake County Council of Federated Garden Clubs, Inc.* for "Arts and Flowers"; *Tampa Federation of Garden Club Circles, Inc.* for "With Liberty and Justice for All," and *Calliandra, Honeysuckle and Jasmine Garden Circles of Tampa Federation* for "Autumn Ambiance."

The Lucile Droege Mauntel Certificate for Conservation, going to two or more clubs responsible for educational or legislative activity in Conservation went to *District III*, FFGC for their work in saving the endangered Apalachicola Bay area; and to the *Camellia Garden Club of Winter Haven* for their "Gray is Beautiful" recycling project.

Glenridge Ecology Club of Winter Park won the **Augusta H. Brewer Certificate of Merit** going to Junior and/or Intermediate Garden Clubs. Members of *Glenridge* are in grades 7-9.

Certificates of Merit for **State Publications** went to Florida for the "Club Information Kit 1979," the *1980 Florida Flower Arrangement Calendar*, and the membership pamphlet "Grow With Us."

Flower Power Intermediate Garden Club of Lighthouse Point won the **Hessie**

CLASSIFIED ADS

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

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9618 Gerald Avenue
Sepulveda, California 91343

RARE, EXOTIC AZALEAS

Sample box of ten 500 rare azaleas will be shipped Spring, 1981. Mail order and check to **LeConte-Woodmanston Azaleas**, Box 222, Hinesville, Georgia 31313 before November 1, 1980. Price, \$20, including shipping, of which \$5 is tax deductible contribution to restoration of 1810 garden owned by The Garden Club of Georgia.

Thompson Morrah Award for Horticultural Achievement by a Junior and/or Intermediate Garden Club, Grades 7-9.

FFGC won the Certificate of Merit for **State Federation Yearbook** without advertising; *St. Ann's High School Gardeners* of Crystal River won the **Carrie Buhman Nettleton Award** for High School Gardeners' Accomplishment; the *Garden Club of Lake Weir* won the **Else M. Cook Award for Landscape Design**; *Friends and Flower Garden Club* of Ft. Myers won the **Land Trust Award**; *Beverly Slisz* of Sarasota won the **Smokey Bear-Woodsy Owl Poster Contest** for 9-12 grades; and *David Taylor* of Orlando won the **Eleanor R. Crosby Scholarship** of \$1,500 to be used to further his work in Landscape Architecture.

FFGC won the **Jessie M. Conner Award** for Environmental Education with its continued sponsorship of *Wekiva Youth Camp*.

THE FLORIDA GARDENER



Flower Show Schools

Mrs. John H. Howarth
Flower Show Schools Chm.



LAKELAND—COURSE II
Sept. 23-25, 1980

Instructors:

Mrs. Frank Woodruff, III
Mrs. O. Fenton Wells
Chairman:
Mrs. Jacques Brown
331 Easton Drive
Lakeland 33803

ORANGE PARK—COURSE V
Sept. 30-Oct. 1, 2, 1980

Instructors:

Mrs. Thomas Ward
Mrs. O. Fenton Wells
Chairman:
Mrs. A. D. Horne, Jr.
292 Edinburgh Rd.
Orange Park 32073

PENSACOLA—COURSE V
October 6-8, 1980

Instructors:

Mrs. Frank Woodruff, III
Mrs. O. Fenton Wells
Chairman:
Mrs. John Venettozzi
Rt. 2, Box 534
Cantonment 32533

SARASOTA—COURSE V
November 17-19, 1980

Instructors:

Mr. Bob Thomas
Mrs. O. Fenton Wells
Chairman:
Mrs. Francis Millican
1733 South Dr.
Sarasota 33579

NEWLY ACCREDITED FLOWER SHOW JUDGES

District II—Mrs. Ben Graham, Mrs. Lorraine Leverone, Mrs. J. V. Newton

District VIII—Mrs. Albert Byrd

District XII—Mrs. Wilbur A. Stone

Congratulations to each of these ladies!

Nelson's
Florida Roses
Route 1, Box 164
Apopka, FL 32703
(305) 886-3111
(Wholesale only —
no retail sales.)

MINIATURE ROSES
Nelson's Little Beauties (own root). Grow them inside or on the patio. Use as tub plants, in planter boxes, and for borders.

ESPECIALLY GROWN FOR FLORIDA
Can be planted 12 months of the year. Ask your nurseryman for Nelsons'.

SEPTEMBER/OCTOBER 1980

21

Floral Design Schools

Six Units each Series—Two days each Unit

First Day . . . lecture and demonstration—unlimited attendance, public invited
Second Day . . . Workshop (students only)—limited attendance.

Scheduled Schools:

- Chipley** (Dist. II) Chipley Garden Club, at Vocational Technical School. Sept. 18-19; Oct. 16-17; Nov. 20-21; Jan. 15-16; Feb. 19-20; March 19-20. Contact: Mrs. George W. Horne, Rt. 1, Box 175, Chipley 32428.
- Indialantic & Melbourne Bch.** (VII), Garden Club by-the-Sea, at Grace Lutheran Church, 1805 Oak St., Melbourne Beach. Sept. 23-24; Oct. 21-22; Nov. 11-12; Jan. 27-28; Feb. 10-11; March 3-4. Contact: Mrs. Keld Christensen, P. O. Box 3582, Indialantic 32903.
- Gainesville** (V), Gainesville Garden Club, at Garden Center. Oct. 2-3; Oct. 30-31; Jan. 8-9; Feb. 5-6; March 5-6; March 19-20. Contact: Mrs. Jack Moore, 2021 NW 11th Rd., Gainesville 32605.
- Miami** (XII), Dist. XII Judges Council, Simpson Garden Center, Unit #3, Sept. 29-30, 9:45-3 P.M. Contact: Jeanne Hurlbut, 235-1450.
- Daytona Bch./Ormond Bch.** (VI), Council of Garden Clubs of the Halifax District, in October. Contact: Mrs. Alfred Green, Jr., 29 Ocean Terr. W., Ormond Bch. 32074.
- Marathon** (XII), November.
- Ft. Lauderdale** (XI), October.
- Sarasota** (VIII), Begonia Circle, Sarasota Garden Club, January 1981.
- Lake County** (VII), Council of Federated Garden Clubs, September.
- Orlando** (VII), Oct. 6-7, Oct. 29-30.

Floral Design Schools

Bob Thomas, a master flower arranger and a joy to all of us in Florida, has gone to great lengths to devise a study course that is being made available to all interested garden clubbers and non-garden clubbers alike, and that will instruct in an orderly and basic way, the art of flower arranging.

The purpose of this series is to prepare the novice arranger with all the basic knowledge so they may proceed from there and expand and grow in their own way, secure in their foundation of design procedure.

Bob has trained the instructors himself and has set up rules and guidelines, so each course follows a set pattern, divided into six units, each devoted to a different aspect of arranging.

Gainesville Garden Club has finished the first six-unit course with such outstanding success that their students took most of the ribbons in the spring flower show, and had fun doing it! The chairman of the show said this was the first time she could ever remember having a show when they didn't have to beg people to fill classes! Now Gainesville is starting the second series, and more power to them.

Above are listed the current series

available and such information as was given by press time, for all the Floral Design Study Courses being offered at this time. Take advantage of this super way of learning the A B C's of flower arranging.

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

"Schultz-Instant"
CONCENTRATED SOLUBLE
Fertilizer

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with Model 5 "MIXERATOR YARD GUN"




1/4 teaspoon per gallon water grows vegetables, flowers, roses, trees, shrubs, lawns, everything 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

THE FLORIDA GARDENER

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

- Nov. 8-9, Fort Lauderdale, **TABLE HOPPING**, District XI Judges Council, Garden Center, Birch State Park; Mr. Clinton D. Mikell, Chm.
- Nov. 14-15, Miami, **HOLIDAY HAPPENINGS**, Norwood Garden Club, Norland United Methodist Church; Mrs. Donald McKenzie, Chm.
- Nov. 22-23, Winter Haven, **FESTIVAL OF BROMELIADS**, Azalea Garden Club & Imperial Polk Bromeliad Society, Garden Center, Mrs. Charles J. Schmidt, Chm.
- Dec. 13-14, Fort Myers, **CHRISTMAS UNDER THE PALMS**, Federated Garden Clubs of Lee County & Lee County Garden Council, Lions Park Recreational Bldg.; Mrs. Arthur C. Hollomon, Chm.

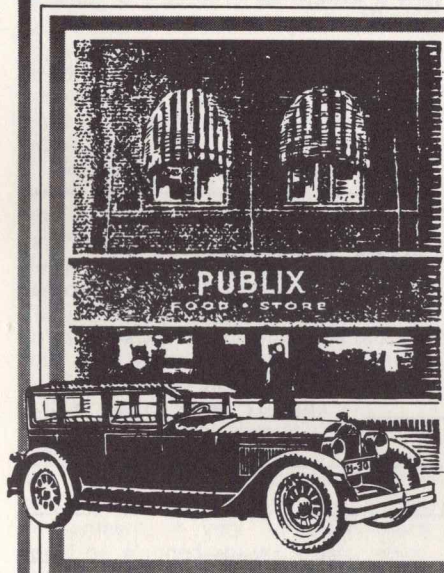
1981

- March 14-15, Sarasota, **RIDDLES OF THE SEA**, Sarasota Garden Club, Exhibition Hall; Mrs. Philip W. Coyle, Chm.
- March 17-18, Clearwater, **WORDS THAT LIVE**, Clearwater Garden Club, Garden Center; Mrs. Hobart E. Brown, Chm.
- March 21-22, Bradenton, **REFLECTIONS OF THE SOUTH**, Manatee River Garden Club, Garden Center; Mrs. Harry Stalker, Chm.
- March 26, Cortez, **FLORIDA FAIRY LAND**, Sunny Shores Garden Club, Sunny Shores (115th St. W.); Mrs. Mildred Irey, Chm.
- March 27-28, St. Petersburg, **ACCENT ON AMERICA**, Garden Club of St. Petersburg, Inc., Garden Center; Mrs. Walter Gassner, Chm.
- April 10-11, Boca Raton, **BEAUTY TO SHARE**, Boca Raton Garden Club, Garden Center; Mrs. Robert H. Gay, Chm.
- April 11-12, Tequesta, **THERE'S NO BUSINESS LIKE SHOW BUSINESS**, Travelers Palm Garden Club of Jupiter-Tequesta, Lighthouse Gallery.
- April 11-12, Plant City, Plant City Garden Club, Mrs. Lana Baldwin, Chm.



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50TH ANNIVERSARY
YEAR.
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SEPTEMBER/OCTOBER 1980

LANDSCAPE DESIGN SCHOOL

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

SERIES XIII, COURSE 1—Oct. 1-3, 1980

Garden Club of Jacksonville, 1005 Riverside Ave., Jacksonville 32204.
Co-Chairmen: Mrs. Howren R. Boland, 1421 Tiber Ave., Jacksonville 32207
Mrs. Lucy Mahon, 9252 San Jose Blvd., #1503, Jacksonville 32217
Registrar: Mrs. E. Mack Fillingham, 1005 Riverside Ave., Jacksonville 32204
Reading Assignment: Book of Information 1979-81, Pg. 171
For complete brochure, send request to Registrar.

Wednesday, Oct. 1, 8:00 A.M.-3:15 P.M.

Landscape Architecture to 1840: Dr. Herrick Smith
Roadside Development, Plant Materials in Landscape, Civic Projects and Garden Clubs: Dr. Vincent Bellafiore

Thursday, Oct. 2, 8:00 A.M.-4:00 P.M.

Theory & Principles of Landscape Design: Dr. Neil Odenwald
Home Grounds: Dr. Neil Odenwald
Ecology & Environment and the Professional Landscape Architect: Hilton Meadows

Friday, Oct. 3, 8:30-12 noon—Instructions & Examination.

Use Registration Blank; indicate school and date.

SERIES XII, COURSE III—Oct. 29-31, 1980

FFGC Headquarters, 1400 S. Denning Dr., Winter Park 32790
Co-Chairmen: Mrs. Charles Vale, 3600 N. Chickasaw Tr., Orlando 32817
Mrs. J. R. Myers, 2560 Tuscaloosa Tr., Maitland 32751
Registrar: Mrs. Kenneth S. Nichols, P.O. Box 246, Lake Panasoffkee 33538
Cost: Full Course \$20 (manual included); One Day \$10; Study Manual \$2; Examination \$2;
Luncheon (each day) \$2.50

Brochure sent on request, from Co-Chairmen or Registrar

Wednesday, Oct. 29, 8:00 A.M.-3:30 P.M.

Development of Landscape Architecture 1930 to Present
Standards for Evaluating Landscape Design
Color: Mr. Robert Rucker

Small Parks & Playgrounds: Mr. Hilton Meadows

Thursday, Oct. 30, 8:00 A.M.-3:30 P.M.

Plants & Design
Accessories in the Landscape
Design for Easy Maintenance: Dr. Neil Odenwald
Conservation of Natural Resources
Public Works: Herrick Smith

Friday, Oct. 31, 8:00-noon Instructions and Examination

REGISTRATION FORM

LANDSCAPE DESIGN SCHOOL

Course 1, Oct. 1-3, Jacksonville _____

Course 3, Oct. 29-31, Winter Park _____

Please send complete brochure _____

NAME _____ GARDEN CLUB _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

Student _____ Refresher _____ Non-Member _____

Full Course _____ One Day _____ Examination _____

Botanical Word-Power

By Mrs. Albert Byrd
Club Programs Chm.

BOTANICAL WORD POWER is the little extra that can be added to Club Programs to bring horticulture word usage into the vocabulary of all garden club members. Knowing the proper botanical words does set garden club members apart from the average citizen who only uses common names to identify the plants and flowers in their environment. Within a few minutes at each meeting members can learn a botanical word and feel they are becoming educated garden club members.

Many clubs have been hesitant to introduce scientific words to the general membership, but if it is done in an interesting way it can be fun and rewarding. The Club Program Chairman of National Council, Hazel Knapp, has suggested that this year clubs present two or three words at each monthly meeting and at the end of the year a quiz for fun could be devised with maybe a prize. A little imagination and a few minutes of program time and BOTANICAL WORD POWER can be presented in a stimulating manner. As an example, if a word to be studied is the Latin name of a plant, the plant could be displayed and something about its culture could be presented. It is always easier to relate the word to, to make it more meaningful.

Plan some continuity in the choice of words to be studied, don't just select words at random. Before planning, read the HANDBOOK FOR FLOWER SHOWS: Horticulture and Glossary Sections, with particular attention to Plant Names and Classification, pages 39 to 41. This should give you basic ideas of what type of study your club would enjoy and what would help prepare the membership for forthcoming flower shows.

There are many sources that can be used for study but none are more important to FFGC members than learning the names of plants in our own Florida environment. A very interesting study could be planned around family, genus, and species names taken from the beautiful illustrated pages of the Florida Flower

Arrangement Calendar. Members could bring their calendars to the meeting and discuss the flower arrangement of the month. The Plant Identification page could be used for notes on pronunciation. In addition, THE NEW PRONUNCIATION DICTIONARY OF PLANT NAMES can be ordered from National Council for only 35 cents! This gem is a must for every member interested in building a botanical vocabulary.

An excellent study for Florida native and exotic plants can be found in the best selling book FLORIDA LANDSCAPE PLANTS by Watkins and Sheehan. Each page is beautifully illustrated and has the common name, botanical name, and phonetic pronunciation. It has a good glossary and index to Plant Families. A simple but comprehensive study could be conceived just by selecting two or three pages for presentation each month. Members who are serious about improving their botanical vocabulary will enjoy this easy-to-read reference book.

The plant everyone seems to be talking about is the bromeliad. (Pronounced brom-eel-ee-ad). BROMELIADS FOR MODERN LIVING by Louis Wilson (\$2.95 at most bookstores) has more than a hundred colored photographs of bromeliads: Aechmea, Cryphanthus, Acanthostachys and other tongue twisters. Everyone is anxious to identify and correctly pronounce these fascinating plants. This little book covers it all.

BOTANICAL WORD POWER takes only a few minutes to present, but if members take to it, before long they will be doing their homework. With a little effort and practice, we can increase our vocabulary. Won't it be fun when our friends are impressed and recognize us by our Garden Club Word Power!

FOR 30 YEARS—Federation members throughout the United States have received our catalog containing many **FLOWER ARRANGING AND GARDENING ITEMS.**

Our FREE new 1981 Mail Order Catalog is ready. A Bible for all FLOWER ARRANGERS. (We invite inquiries for exhibiting in Flower Shows).



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THE FLOWER ARRANGERS' PARADISE
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ORLANDO, FL 32859



The Kissimmee Garden Club hosted the District VII Spring Meeting. Shown in attendance are, from left: Mrs. Carroll O. Griffin, Third Vice President National Council of State Garden Clubs; Mrs. Joseph Vaughan, Director of Dist. VII; Mrs. John G. Wood, President FFGC and Mrs. Lowell R. Lucas, FFGC Chm. Junior Gardeners and President of the Kissimmee Garden Club, hostess club for the meeting.

Awards vs Rewards

A couple of years ago, as a project for civic development and environmental improvement, the Civic Development Chairman of The Garden Club by-the-Sea, Indialantic-Melbourne Beach, chose a small piece of land owned by the town of Indialantic that was sorely neglected. The plot is on one of the most heavily traveled streets and winds along a part of the river that is lined with the finest homes in the area. On the other side of the plot is a much used, paved bicycle path. The spot was weed-infested, unmowed and a collecting spot for all kinds of litter . . . an ugly blot on the landscape.

For years the garden club had spent money on civic development—planting trees and shrubs in parks, along roadsides, etc., only to find the town unable or unwilling to pay for the water to keep these plantings alive.

When the chairman chose this plot, she immediately went to town hall and asked that they put in a sprinkling system, and after much wheedling, was successful. Next, she got bids for having the place completely bulldozed, topsoil added, sod laid and then talked the garden club into paying for it. This chairman was also able to get some trees from the county, and with garden club funds, donations from members and with much hard work by many people, the place was transformed into what they lovingly call a "park," small

though it is.

The town erected a wooden sign reading, "Only God can make a tree—donated by Garden Club by-the-Sea."

Beds of Boston Fern were planted around one tree. Sprengeri, marigolds and coleus were planted around the sign. Crotons and oleanders were added and a Candelabrum tree, donated by the late Mrs. Homer Gwinn, past president of FFGC, was placed in a prominent spot.

How proud the club was of what had been accomplished!!! And then one day there suddenly appeared a metal plaque beside our wooden sign, reading:

"The kiss of the sun for pardon
The song of the birds for mirth
One is nearer God's heart in a garden
Than anywhere else on earth."

No one knew, or could find out, who had placed the plaque there. Finally, a weekly Melbourne newspaper was talked into running a small notice about the plaque, asking the donor to reveal his or her identity so they could be properly thanked.

Soon a call revealed the one responsible for the plaque. A volunteer crossing guard for the grade school children had a little second-hand shop in Melbourne, where he worked part of the time. It seems he drove by the park every day and so appreciated how beautiful it now looked that he wanted to show his

appreciation, and added the plaque which he had found in his shop. He also had a used bird bath that he wanted to put in the park.

Now the "park" is the proud owner of a bird bath, around which has been planted a bed of daylilies. The chairman who started the whole project became club president last year, and in her honor, because her name is Lily, and because lilies were planted there, the town of Indialantic, by proclamation, named the park "Lily Park" last May.

Now isn't that a reward . . . the man's acts of appreciation, as well as the honor bestowed by the town.

With all the big city competition in the State of Florida, this project could never have won an award. But the reward more than makes up for it!!!

—Editor's Note: This project seems like a natural for any of several Civic Awards outlined on pages 102-103 of the 1979-81 Book of Information. Why not give it a try, Garden Club by-the-Sea?



Teachers and adult leaders of Lemon Bay Garden Club, Englewood, gather with four students from Lemon Bay High School that attended SEEK Youth Conference in August on scholarships provided by the club.



While travelling in the Philippine Islands, District X Director Mrs. James Howell was entertained by members of The United Garden Club of the Philippines. Mrs. Howell, fourth from the right, is standing with club president Mrs. Roberto L. Benedicto. Several of the club members, including Mrs. Benedicto, attended National Convention in New Orleans last year.



Surfside Garden Club members planted 18 *Jatropha* trees this spring to beautify their community. From left: Louise Arangio, President; Evelyn Preston, Beautification Chm., Janet Butterfield Brooks, Donor of the trees; Rose Hatton, Recording Secretary and Publicity Chm.; Guelda Thack, Beautification Committee Member; Bess Stern, Membership Chm.

NATIONAL LIFE MEMBERSHIP ... has your club honored a member recently?

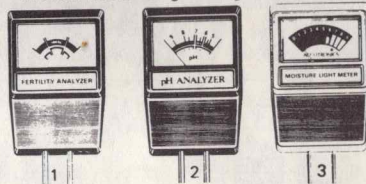
Surfside Club Tree Planting

Surfside Garden Club (Dist. XII) is aware of the work required of each of us to protect the environment. One of its members, Mrs. Janet Brooks, gave to The Nature Conservancy in 1975, 320 acres of beautiful wooded land near Brooksville, valued at a half million dollars. This little wilderness, with three hills of unspoiled beauty, a spring, three ponds and a creek, is now called "The Janet Butterfield Brooks Preserve" and will be protected through the years by The Nature Conservancy.

This past year Surfside Garden Club embarked on a beautification project on Harding Avenue in Surfside, from 88th St. to 94th St. and once again, a generous donation by Mrs. Brooks enabled the club to plant 18 flowering *Jatropha* trees at selected residential homes. The city of Surfside cooperated by supplying the physical labor for this project and the operation was supervised by members of the club.

STOP KILLING YOUR PLANTS

Easy-to-use precision instruments show status *instantly*. No chemicals or dyes. Simply insert probes into soil. Fundamental tools for growing all plants.



\$19.95 \$19.95 \$11.95

1. Fertility Analyzer - Prevents over application of fertilizer.
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3. Moisture/light meter - Know your water & light needs.

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SPECIAL! All three \$45.95

THE FLORIDA GARDENER

Your FFGC Board in Action

By Mrs. Melville Hall
 Resume Chm.

Pre-Convention Board Meeting April 30, 1980

Dutch Inn, Lake Buena Vista

Members of the Board of Directors:

- Accepted with regret the resignation of Mrs. Lowell R. Lucas, SEEK 1979-80 Registration Chairman.

- Approved appointments of Mrs. Alex H. Hilliard as 1980 SEEK Registration Chairman, Mrs. Lee A. Thornburg Jr. as Director of District IX, and Mrs. Stanley E. Rodby as Chairman of the State Flower Show to be held April 3-5, 1981 at the State Fairgrounds, Tampa.

- Federated the **Sea Oats and Dunes Garden Club** (II).

- Accepted for probation **Steinhatchee Garden Club** (III) and **Town and Country Garden Club** of Plant City (VIII).

- Approved holding Flower Show School Course 1, May 12-14, 1980 at Lakeland; and a Spring Symposium, April 14-15, 1981 in Pensacola.

- Approved removal of 16 dead trees on FFGC Headquarters grounds in preparation for development of Wildflower Garden, also approved removal of a limb overhanging the roof of Headquarters Building, at a total cost of \$840.

- Heard that 25,000 1980 FFGC Calendars have been sold and the remaining 3,000 are available at \$1 each plus tax.

- Witnessed Mrs. Carroll O. Griffin, on behalf of the first Gardening Study Course students, present Chairman Nathan Klein with the traditional apple-teacher.

- Heard Mrs. Melville Hall, Chaplain, pay memorial tribute to Mrs. Byron H. Comstock.

Convention May 1-2, 1980

Dutch Inn, Lake Buena Vista

Delegates, alternates and visitors, totaling 832, attending "The Wonderful World of Gardening" 1980 Convention:

- Heard FFGC President Mrs. John G. Wood give a comprehensive resume of programs and projects through which Garden Clubs and Circles have enriched their communities and the State of Florida. She emphasized civic beautification, youth work, environmental concerns, growing and showing flowers and

vegetables, butterfly education and preservation, "Operation Wildflower," Wekiva Youth Camp, SEEK, Gardening Study Course, Floral Design Study, litter control and many other facets of the overall Federation program.

- Applauded District Directors reporting on Club activities, including giving scholarships to SEEK and the Florida Forest Service Environmental Camp, camperships to Wekiva Youth Camp, establishing bird sanctuaries, increasing membership through the "I Got One" project, holding clean-up drives and Arbor Day tree plantings, landscaping public grounds, re-landscaping Blue Star Markers, continuing Garden Therapy projects and many others. **Pierson Garden Club**, District VI, is the first club in Florida and the Deep South Region to purchase a Bartram Trail Marker. **Althea Garden Club of Pensacola**, District I, will place a marker at the Alabama-Florida boundary on US 98.

- Delegates adopted proposed bylaws revisions and approved substituting the revised instrument for existing bylaws. Reaffirmed was action taken at the 1979 Convention to raise annual dues of member clubs from \$1.50 to \$2.50 per capita and family membership dues from \$2.00 to \$3.00, effective in June, 1980. Also approved was the raising of cost of State Life Membership from \$50.00 to \$75.00.

- Heard an inspiring address by Deep South Director Mrs. Thomas C. Lacey of Holly Springs, Miss.; enjoyed an interesting, informative "Butterflies" program by Robert H. Clements of Leesburg; a Floral Design program by Bob Thomas of St. Petersburg, numerous exhibits including Kathy Sample's "Florida Wildflowers"; Avon Park Correctional Institution's Garden Therapy, among others. Obtained valuable information from forums including Floral Design, Reclamation and Recycling, Membership and Awards.

- Adopted resolutions urging Garden Club members to write their U.S. Senators and Congressmen supporting SR 123 and HR 471 requesting the President of the United States to designate the calendar week beginning the first Sunday of June each year as "National Garden Week"; also letters to the Postmaster General and Chm. Jack Williams of the Citizens Stamp Advisory Committee requesting support of a Commemorative Stamp for National Council of State Garden Clubs, Inc.; and letters to state senators and legislators in

SEPTEMBER/OCTOBER 1980

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support of Florida's hazardous wastes bill, SB 167; and HB 268, amending the Florida Coastal Mapping Act of 1974 to provide coverage of vital mangrove and marsh areas.

- Witnessed presentation of many awards including the Blanche Capel Covington Award for Leadership, the Federation's highest honor, to Dr. Fanny Fern Davis of Valparaiso Garden Club, District I; Life Memberships both State and National; and Presidential Citations from FFGC President Wood to Dr. E. L. Pepper of the U.S. Forestry Service, Dr. Robert Black of University of Florida, Miss Frances Hickey of Shell Oil Co.; Mr. and Mrs. George Morrison of Maitland, FFGC Chaplain Mrs. Melville Hall and Headquarters and Endowment Trustee Henry Chillas, all Guardians of Gardening. The Presidential Citations were presented at the "Twenty Thousand Leagues Under the Sea" closing banquet for which Florida Audubon Society President Peter C. Pritchard and O. J. Shirley, Shell Oil Co.'s Safety and Environmental Conservation manager were featured speakers.

- Enjoyed a fashion show and other events arranged by the hostess group, the Winter Haven Council of Garden Clubs, Inc.; decorations and favors by the six clubs of the hostess council, the Jacaranda and Planters Garden Clubs of Winter Haven, and by other District IX clubs including Lake Placid Garden Club, Bartow Garden Club, Garden Club of Lakeland, and Garden Club of Sebring.

- Appreciated President Wood's presentation of an FFGC Life Membership to her husband, John G. Wood, of Winter Haven.

Post-Convention Board Meeting May 3, 1980

Dutch Inn, Lake Buena Vista

Members of the Board of Directors:

- Accepted with regret resignations of Mrs. R. Malcolm Fortson, Gateway Project Chairman; and Mrs. Broward McClelland, Wekiva Youth Camp Treasurer.

- Ratified appointment of Mrs. Thomas Peacock as Wekiva Youth Camp Treasurer, Mrs. James M. Shoemaker as Ways and Means-Sales Chairman, and Mrs. P. Ray Jones as 1981 Spring Symposium Chairman.

- Federated **Steinhatchee Garden Club (III)** and heard **Bel Mar Circle of the Tampa Federation of Garden Club Circles (VIII)** has resigned.

- Authorized \$500 advance for the 1981 State Flower Show, scheduled April 3-5 in Tampa; \$250 as operating expenses for Course 3, Series XII, Landscape Design School, scheduled October 29-31 at FFGC Headquarters; and authorized payment of 1980 Convention bills.

- Elected Mrs. Melville Hall and Henry Chillas to serve with Chairman Mrs. Joe C. Robinson, appointed by President Wood, on a Nominating Committee to present names to fill two vacancies among Headquarters and Endowment Trustees at the June Board Meeting.

- Heard the President appoint Mrs. Hugh Simmons, Chairman and Mrs. Dewey R. Villareal to serve on the Finance Committee.

- Heard Mrs. Jefferson P. Hill, District XII Director, present the first reading of intent to resign from **Palmetto Garden Club** and the **Layton Garden Club**.

- Voted to purchase 100 District Director Pins for resale at Headquarters.

- Heard 11,000 plus 1,000 calendars had been delivered and sold during Convention. It is now possible to deliver club orders within a week.

Board Meeting June 10-11, 1980 Headquarters, Winter Park

Members of the Board of Directors:

- Accepted the resignation of Mrs. Rick Simmons as The Florida Gardener Circulation Chm., ratified appointments of Mrs. Gustave Harrer as Wekiva Youth Camp Chm. for 1981-1983, Mrs. Lowell R. Lucas as Chairman of SEEK 1981-1982, Mrs. Alex H. Hilliard as SEEK registration Chm., Mrs. Earl M. Pratt as SEEK Finance Chm.; and approved Mrs. Durwood White of Titusville as Assistant Director of District VI.

- Federated **Sugarmill Woods Garden Club of Homosassa** and **Wekiva Garden Club of Gulf Hammock (V)**; **Devonshire Garden Club of Longwood (VII)**; **Gulf Harbors Garden Club of New Port Richey** and **Town and Country Garden Club of Plant City (VIII)**; and accepted the **Garden Club of Grand Cayman Island, British West Indies**, as an affiliate member. Also, heard **Ramsgate** announced as a new circle of **San Jose Garden Club (IV)**.

- Accepted the resignations of **Palmetto** and **Layton Garden Clubs (XII)**, heard disbandment of **Wisteria Circle of Ribault Garden Club (IV)** announced and first readings of intent to resign for **Gil-**

christ Garden Club (V), **Sea Oat Garden Club** and **Coronado Garden Club**, both of **New Smyrna Beach**, and **Sea Park Garden Club of Satellite Beach (VI)**, **Golf View Garden Club of Tampa (VIII)**, **Indian Lake Estates Garden Club (IX)**, **Southwest Garden Club** and **Whispering Pines Garden Club (XII)**.

- Elected Mrs. Dewey R. Villareal and Mrs. Robert Stone as Headquarters and Endowment Trustees.

- Heard the Chaplain pay memorial tribute to the Federation's beloved Past President Mrs. Homer Gwinn and on motion by Past President Mrs. Maurice S. Dillingham, voted to initiate a "Velma Gwinn Memorial Tree Planting" during the coming year.

- Heard that the late Mrs. Alex McIntosh of Coral Gables, FFGC's fourth Guardian of Gardening and a longtime popular, dedicated board member, left the Federation a legacy of \$10,000. In appreciation and to honor her memory, board members voted unanimously to rename the FFGC Student Aid Grant the "Agnes McIntosh Student Aid Grant."

- Accepted a bid of Modern Graphic Arts, Inc., St. Petersburg, of \$26,874, for printing 25,000 Florida Flower Arrangement Calendars, \$28,282 for 27,000 copies and \$30,382 for 30,000.

- Advanced \$500 operating expenses to the 1982 Florida Flower Arrangement Calendar Committee and \$400 to the Tropical Short Course Committee.

- Approved awarding: **The H. Harold Hume Fellowship in Horticulture** to Timothy Louis Nance, Ft. Lauderdale, with the proviso that if he does not matriculate the Fellowship be awarded to John L. Grifis, and if he does not matriculate it shall be awarded to Sara E. Rosenbaum; the **George Morrison Scholarship in Landscape Architecture** to Margaret I. Whitmer, Pensacola, for her final year at Louisiana State University; the **Taylor R. Alexander Ecology Scholarship** to James Harold Marden for the academic year 1980-1981; the **Elizabeth McCullagh Scholarship for High School Gardeners** to Erica von Holtz to attend Rensselaer Polytechnic Institute under the Early Decision program; The **Agnes McIntosh Student Aid Grant**, to Edward W. Duggan, Fort Lauderdale, for 1980-1981 at University of Florida; **\$70 Polly Moody Memorial Youth Scholarships** to Nancy Inez Carter, Chipley and Trudy Marie DeBusk, Crystal River to attend the 1980 SEEK Conference.

- Approved Flower Show Schools Course V, Sept. 30-Oct. 2, Orange Park; Course V, Nov. 17-19, Sarasota; and Course IV, Feb. 3-5, 1981, Gainesville.

- Heard that a plate bearing the names Fran and Henry Chillas has been affixed to the Guardians of Gardening Wall at Headquarters, that the name of Mrs. Alex McIntosh has been added to the list of Benefactors as has the name of Doris Rogers to the Patron's Plaque. New carpeting has been installed in the President's office and hallway, with sections of the old carpeting being used in the workroom. Names of 14 Club Presidents have been enrolled in the "Parade of Presidents" Book, bringing the total to 781; an additional 42 names have been inscribed in the "In Memoriam" Book; there is a total of \$690 in the James Warren Bates Memorial Fund; \$150 was contributed toward construction of "Wildflower Hill" on the grounds and as of May 30, 1980 the Endowment Fund totaled \$127,339.82 and the Contingency Fund \$18,248.26.

- Voted to recommend to the State of Florida the purchase of endangered parcels of land identified as Cooper's Point, at the western end of Courtney Campbell Causeway; Gateway Area, a huge mangrove swamp at St. Petersburg; Crystal Beach, north of Dunedin; Brooker Creek, in the Lake Tarpon area; Camp Soule, Clearwater; and Point Alexis, near Tarpon Springs.

- Adopted resolutions supporting redesignation of the Suwannee River as an "outstanding Florida water" and requesting Governor Bob Graham to proclaim the first week of June, 1981, "Garden Week."

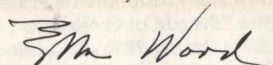
- Agreed to changing the name of **The Wildflower Club of District XI** to **The Wildflower and Native Plant Club of Broward County**; and that of (Horticulture) Wildflower Chairman to Native Plant Chairman. Also, agreed to work in cooperation with the Environmental Information Center, Winter Park, to establish a Native Plant Society.

- Heard Florida clubs donated a total of \$2,467.48 to help defray expenses of staging Exhibition 50, commemorating National Council's 50 years of service; and that the Four Mile Cove Eco-Park, District IX, will be the basis for the land-use project in FFGC's exhibit. Also, District XII is sponsoring a bus tour to Washington, D. C., with the \$275 cost to include round trip transportation, hotel, and entries to Exhibition 50 events.

Garden Path

(continued from page 2)

ings we hope to see many of you. Our theme "A Harvest of Rewards" will focus on how you can truly be rewarded through Garden Club activities. President's Information Kits on special projects will be distributed at that time. We would like to see each club represented at these meetings. Check the Calendar of Events for date and place and circle that date on your Florida Flower Arrangement Calendar. You will be rewarded by interesting information sessions. See you there.



Propagation

(continued from page 4)

plant more hardy. For example, new varieties of hybrid tea roses are grafted on to Florida rootstock to produce plants which will stand up to our climate. Grafting is also used to produce a curiosity, such as a tree with two or more varieties of fruit, or an oleander with both red and white blossoms.

These are basic means of propagation. There are a great many good books to be had on the subject, but they are usually written for northern plants and northern conditions, and while some of the information may be useful, they do not address our problems here in Florida.

This series of articles is designed to shed some light on "how we do it here".

Many of you have been "doing it here" for some time and have developed your own methods of propagating—shortcuts, unusual containers, materials or tools—that suit your plants and your growing conditions. Won't you share your experiences in propagating plants and growing seedlings with us?

Please write to: Mrs. E. Robert Hunter, 201 Potter Rd., W. Palm Beach, FL 33405.

Fellowships— Scholarships

Students who attended the 'SEEK' program this summer as recipients of The Polly Moody Memorial Youth Scholarship were Trudy DeBusk of Crystal River and Nancy Carter of Chipley.

One Fellowship and four scholarships have been awarded. The list will appear in the next issue of *The Gardener*.

Tree Program

(continued from page 4)

seedlings available to schools wanting them in place of or in addition to these container grown plants.

Although its main objective is to arouse interest in Arbor Day and educate our youth in the importance of trees, the program seeks to greatly reduce tree mortality in school ground plantings by the use of well established container grown trees.

Participation in the program will enable garden clubs in the seven trial counties to greatly broaden their 1981 Arbor Day activities and school ground beautification projects. Club presidents, contact the appropriate area chairman now and take advantage of this golden opportunity!

High School

(continued from page 5)

conference student joining an already organized unit on non-voting status.

3) **The Booklet of Information for High School Students.** This new informational piece will be used for orientation sessions at both camp and conference to prepare students for membership in the registered program. In addition to the student, District Directors and Headquarters will have copies. Copies will include an Annual High School Unit Registration Form and a new form, The Membership Application for High School Students.

The addition of these new students into our program will greatly enhance both the registration count and the program.

Note: Dues are now 15¢ for processing membership cards. However, since many old registration forms are still circulating, the 10¢ fee will be accepted until the supply of old forms is depleted.

Broward Garden Club Celebrates 25th

The Broward Garden Club of Fort Lauderdale (Dist. X) celebrated a double anniversary this year. Members "Planted Gold" in celebration of the fiftieth anniversary of National Council, and on February 12th a Tree of Gold was planted on the grounds of Collins Community Center, Oakland Park in celebration of their own club's twenty-fifth anniversary. In addition to the planting, the club celebrated their anniversary with a sit-down dinner, and a happy time was had by all.

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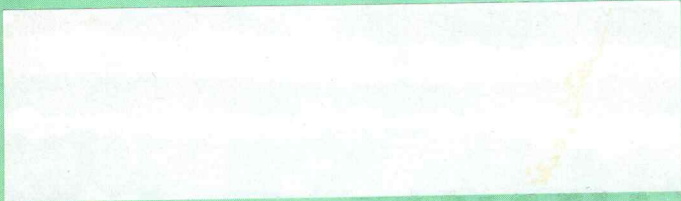
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CALENDAR OF EVENTS

1980

- September** 9-10 Board of Directors Meeting, Winter Park
11-13 Exhibition 50, Washington, D.C.
22-24 Gardening Study Course, Series 2, Course II, Tallahassee
23-25 Flower Show School, Course 2, Lakeland
30-Oct. 1, 2 Flower Show School, Course V, Orange Park
- October** 1-3 Landscape Design School, Series XIII, Course I, Jacksonville
6-8 Flower Show School, Course 5, Pensacola
6-9 National Board Meeting, Colorado Springs, Colo.
- Fall District Meetings**
- 13 District XII—Coral Gables
14 XI—Pompano Bch.
15 X—Belle Glade
16 IX—Arcadia
17 VIII—Tampa
20 VI—Deltona
21 VII—Leesburg
22 V—Silver Springs
23 IV—Lake City
24 III—Madison
27 II—Quincy
28 I—Santa Rosa Beach
- 29-31 Landscape Design School, Series XII, Course III—Winter Park
- November** 1 **Dues delinquent**
7-10 Environmental Education Workshop School, Withlacoochee
Environmental Education Workshop—FFGC Dist. 8 & 9,
Withlacoochee
17-19 Flower Show School, Course V, Sarasota
- December** 1 **DEADLINE for filing STATE AWARD applications with
DISTRICT AWARD CHAIRMEN** (see BOI—FFGC Awards Section)
1 **DEADLINE for mailing NATIONAL and DEEP SOUTH Award
Booklets to:** Mrs. Hugh C. Simmons, P. O. Box 13686,
Gainesville 32604
2-3 Flower Show Symposium, Tampa
- 1981**
- January** 6-7 Board of Directors Meeting, Winter Park