

The *Camellia* Journal



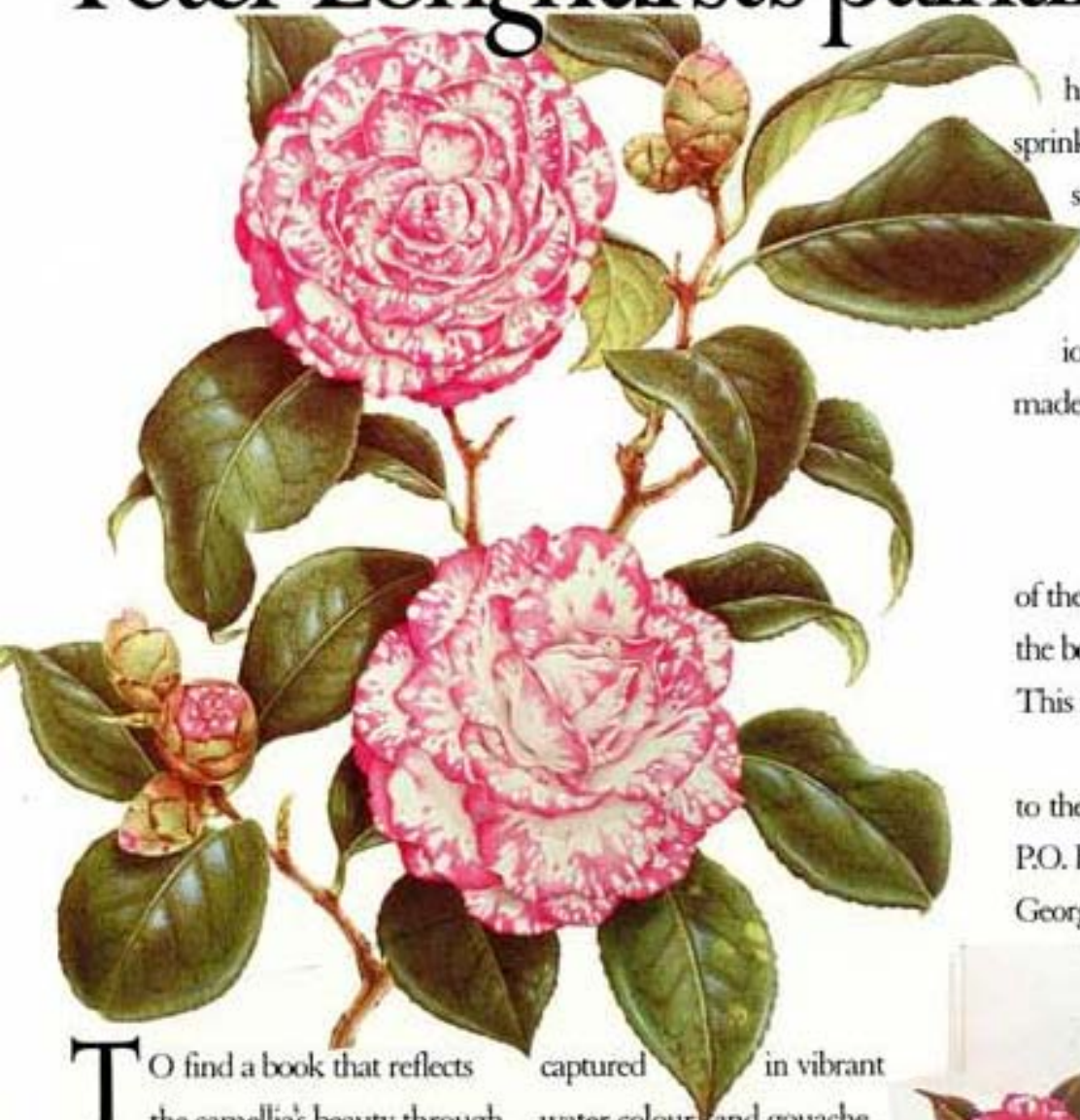
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VOL. 38, NO. 4 **PRICE \$2.00** **NOVEMBER, 1983**

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The Camellia Journal

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Volume 38

Number 4

November, 1983

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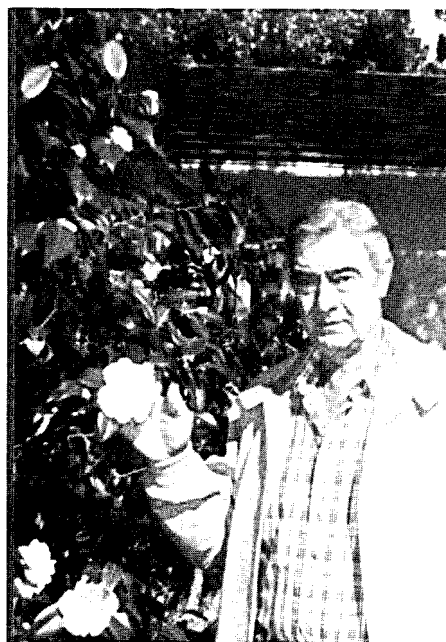
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President's Message



JACK L. MANDARICH

As this is being read, the Fall Shows are underway and the American Camellia Society's Annual Fall meeting in Chadd's Ford, Pa. has gone by.

One of the greatest rewards that I received is the privilege of working with willing committees and a wonderfully cooperative staff. Publications Chairman and guest editor, E. C. (Gene) Snooks of La Jolla, Ca. with his expertise, has put together in the August 1983 *Camellia Journal* a series of articles for the control of disease and insects. I personally feel that the August 1983 *Camellia Journal* is outstandingly informative and is one of our finest ones. I for one will keep it near at hand for references. As it is the time of the year that I do my repotting, I will be alert for the signs of *Phytophthora Root Rot*, so I can prevent its spread.

I would like to recognize Northern and Southern California Camellia Councils for the fine work they have done during the off season activities. Northern California had a record turnout for the annual barbecue picnic in Lodi, Ca. in September. The council and Central California Camellia Society (Fresno) also get a loud applause for the time and effort in putting on the Camellia-Rama each year.

Our gratitude should be expressed to the Central California Society, whose efforts in their behalf are limitless. In paying tribute to some, there is always the danger of omitting others, who have also given time. We thank you all. There also must be recognition to all Societies and Regions for presenting such activities, including Camellia-Rama East, held in Myrtle Beach, South Carolina, sponsored by the Atlantic Coast Camellia Society. Our thanks also go to the camellia folks in Mobile, Alabama for hosting the annual meeting of the Gulf Coast Camellia Society with its seafood jamboree; and also to the Middle Tennessee Camellia Society for hosting a successful Mid-South Camellia Meeting in Nashville, Tennessee.

By now there have been some fall shows and the early winter shows are here. We will then be in what some of us call the heart of the Camellia season. It will be a lot of hard work for those putting on the shows, but along with this, will be great rewards in going to those shows and meeting and being with old and new friends. This after all is what Camellias are all about.

I've just seen the schedule for our Thirty-Ninth Annual Meeting on January 11-14, 1984 in Orlando, Florida. To those of you who have attended either a Fall or Annual Meeting of the Society, I need not tell you what a wonderful time you can have. But to those of you who have never attended a meeting let me urge you to make plans to be in Orlando. I guarantee that you will have a wonderful time.

Jack L. Mandarinich

—ACS—

STATEMENT REQUIRED BY ACT OF OCTOBER 23, 1962; Section 4369, Title 39, United States Code, SHOWING THE OWNERSHIP, MANAGEMENT AND CIRCULATION OF *The Camellia Journal* published four times a year at Fort Valley, Peach County, Georgia. (Date of filing: September 26, 1983.)

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The average number of copies of each issue of this publication sold or distributed through the mails or otherwise, during the 12 months preceding the date of filing (September 26, 1983) was 4,025. Single issue nearest to filing date: August, 1983.

The purpose, function and non-profit status of this organization and the exempt status for Federal income tax purposes have not changed during the preceding 12 months.

I certify that the statements made by me above are correct and complete.

MILTON H. BROWN
Editor

Horticulturally Speaking . . . The Basics

By Committee on Horticulture

Will the winter of 83-84 be a record breaker? Will new records be set for mild days in January or low temperature days in November? Only time will tell. And will the Lower South be the area of most cold damage to plants or will the Western growers see the most damage? None are immune. This Horticulturally Speaking column will attempt to deal with low temperature damage to camellias and some of the things growers can do to prevent or at least lessen this damage.

It is a well accepted belief that clean, healthy, well nourished, insect free, well watered camellias suffer less from low temperatures than do sickly, scale infested, poorly nourished, drought stricken ones. We are all aware of the advantages of wind breaks, good drainage, mulches and partial shade when deep cold strikes our areas.

For the new growers and for others not so new who have forgotten it might be well to review some of the basics.

Most cold injury is dehydration injury! When deep cold has a plant in its grip for a period of time longer than a few hours, then dehydration becomes profound and very serious. Of course, we are using relative terms as; deep, longer, and few. We have NO sets of circumstances which are the same even in the same community; therefore, relative terms make more sense.

The application of water ahead of a hard freeze can be helpful but should not be continued after the temperature drops to the lower 20's F.

The members of the Horticulture Committee of the American Camellia Society have come through with some excellent, and timely statements on this subject of cold injury.

Lois Boudreaux from Deep East Texas says:

"Since Southeast Texas is somewhat fortunate in having unusually rather mild winter temperatures, most camellia growers do little toward freeze protection. We have learned from experience that if a very cold spell (low 20's F or below) is predicted and the ground is on the dry side, the camellia plants will suf-

fer less if they are well watered before the freeze.

"The 1982/1983 winter months were generally rather mild in this area, resulting in the best blooming season for several years. The temperatures were colder much longer than normal but for camellias, this past season resulted in a period of fantastic camellia blooms. There was a period when the whole yard was a blaze of color.

"Our camellia mulch consists of ground oak leaves and pine needles. Also, pine bark mulch is obtained from a local sawmill. A grinder purchased some years ago has been a tremendous help in mulch preparation as well as eliminating an abundance of oak leaves and pine needles.

"As far as bloom protection, we do none except in windy weather we pin branches away from potential show bloom with clothes pins.

"Although any time between November and February is satisfactory for purchase of container grown plants, we prefer November and December since we bareroot our new plants with approximately 90% of the soil removed. Planting during this period allows the plants to become acclimatized before the coldest weather approaches.

"We do not grow camellias in containers because we prefer the landscape properties of these plants. Also, container-grown plants, unless grown protected, are much more prone to cold damage than those grown in the ground."

Mr. Frank Serpa of Fresno, California says in part:

"Disbudding: I like to leave a bud that faces down but in the case where two are facing up, I keep the bud furthest away from the leaf; this way, there is nothing to disturb the forming of the flower.

"As for a variety that won't withstand the cold as well as others I find that to put the potted plant in an empty pot helps this way with two pots it wards off the cold pretty well in the root system."

General Harold Bauer of Sumter, South Carolina has written a very concise and

informative statement on the subject of camellias and cold weather which follows:

"There is no positive protection for camellias against extreme winter temperatures except growing in a greenhouse with temperature and humidity controls. However, we can take steps to reduce the damaging effects of these low temperatures.

"These protective measures should begin during the previous spring, summer, and fall. A plant which is kept in a vigorous growing condition during this period will be better able to withstand winter cold. However, the use of nitrogen in plant food in the late summer and fall should be avoided. New growth periods here are April, July, and September. I try to hold new growth in the September period as low as possible by eliminating the nitrogen content in any fertilizer applied after June. However, the majority of our outside-grown plants receive no commercial fertilizers at all. We depend on a heavy mulch maintained over the previous years. We use primarily pine straw for mulch due to its availability. The trees in our yard, which are now 50 to 75 feet tall, provide an ample supply. These trees with those in neighboring properties also provide an excellent windbreak for our plants.



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"When we first moved to this place in 1959 these trees were very small, 3 to 8 feet which provided very little straw mulch. Each fall we would haul several truckloads of pine straw from a state forest area some ten to twelve miles away.

"This brings to mind another cold related damage which I have read very little about, that is, the effect of the early morning sun on plant foliage after a night of hard freezing temperature. Camellia leaves will freeze and give a crinkled appearance in temperatures of about 22 degrees or lower. If the early morning sun's rays strike these leaves before rising air temperature has had a chance to thaw them, damage will occur. Over a period of several weeks the leaves on the side exposed to this fast thawing will turn to a light yellowish green color and some will show a brown burning effect. We experienced this damage in the early 1960's at which time the east side of our property was fully exposed to the early morning winter sun. We had planted several camellias along this exposed side. When this damage was first observed I was puzzled as to what might be causing it as only one side of the plant showed the difference in color. Since all the plants along that side were showing this one sided discoloration, I suspected the sun was causing it. I placed a post on the southeast side of each plant with a short strip of wire fence attached to each post. On this fence we draped some Spanish moss which provided partial shade for the plant. After three to four weeks the leaves turned to the healthy green color. We have had no problem with plants exposed to the afternoon sun. In areas where cold weather is a problem, my advice in planting camellias would be to locate the plants where the early morning winter sun's rays do not strike the plant directly until after 10:00 a.m.

"In trying to determine the ability of a plant to withstand extreme low temperatures the condition of a plant with respect to degree of dormancy attained at the time of exposure must be considered. In the fall of 1970 we had comparatively mild temperatures during October and early November. On the 24th, 25th, and 26th of November temperatures of 18°F, 16°F, and 23°F respectively were recorded in Sumter, which resulted in severe bud damage as well as some foliar

damage. Almost 50% of our plants failed to open a single bloom that season showing 100% bud kill. In comparing this with the 1981-82 season, my records show two freezing nights in October '81 (low 31°F) followed by nine freezing nights in November (low 24°F), eleven freezing nights in December (low 15°F). In January 1982 we had nineteen freezing nights, eleven of which occurred consecutively from the 9th through the 19th with temperatures of 25°F, 25°F, 9°F, 8°F, 16°F, 28°F, 23°F, 22°F, 27°F, 21°F, and 22°F. In March of last year we had one of the finest display of blooms we've ever had. We had no observable foliar damage and very little bud damage. This is based on more than 175 outdoor yard plants. The ability of these plants to withstand temperatures of 8°F and 9°F was due to the *gradual* lowering of temperatures during October, November, and December so that plants had become at their highest state of dormancy prior to the 11th of January when the extreme temperatures occurred.

"For camellias grown in the open, I know of no way to protect blooms from low freezing temperatures after the bud is swelled to the point where color is showing at the tip. I have found that the ability of open blooms to withstand frost and cold temperatures without damage differs with varieties. Some will show damage at as high as 30°F. On December 8, 1975, we had a bloom to open on 'Frost Queen.' Two days later we had two consecutive nights with lows of 27°F. Two days later I took snapshots of this bloom showing no damage whatsoever. I had always thought of white blooms as being very cold tender. We have another plant, a hybrid ('Berenice Boddy' x 'Princess Lavender') with blooms showing high resistance to cold damage. No damage to blooms was observed at temperatures down to 25°F. This past season which proved to be a very mild winter, this plant started blooming in early December and continued through early March. On Christmas Day it showed a mass of color.

"The above observations apply only to camellias grown in the open in the ground. Container grown plants exposed to the same winter temperatures are much more vulnerable to cold temperatures unless the containers are buried in

sawdust or some other material to prevent the root ball from freezing. If the root ball in the container can be kept at natural ground temperature the plant resistance to cold is about the same as those growing in the ground. In this location we have no problem with ground freezing where plants are mulched heavily, which eliminates the possibility of roots being damaged by cold. Even though a plant is damaged above the ground, it can be cut back and the undamaged root system will cause it to sprout and produce another plant. In the 1970-71 season we had two 'Betty Sheffield' plants severely damaged by the November freeze. The main stems were two to three inches in diameter. They were cut back to within twelve inches of the ground. They sprouted out again and are now beautiful plants."

Walter Dunn of Monroe, Louisiana contributes the following from Northeast Louisiana:

"Outside growers in Northeast, La., as a whole, do not make a great number of preparations for the onset of winter. Most of them try to provide ample moisture during our dry fall months. New pine straw is used for a winter mulch. Some growers spray for tea scale in late October. Those who treat buds start in mid-September and continue to disbud if they plan to exhibit. A few (but by no means a majority) feed for the last time in early September. They stressed the use of a very low nitrogen content fertilizer.

"Those few of us who have greenhouses follow pretty much the same schedule.

1. In October start the greenhouse preparation.
 - a. Clean those that are already enclosed by washing down the walls and spraying with a good insecticide.
 - b. Growers of greenhouse plants try to spray in October before moving the plants into their winter shelters.
 - c. Moving the plants inside or covering those which are grown in the ground usually begins in early November. Some growers clean all the leaves on each plant at this time.
 - d. Disbud as needed.

- e. Continue feeding container plants with low-nitrogen content fertilizer.

"Both inside and outside growers stressed 'clean up' removal of dead twigs and limbs which might harbor disease or insects."

Marvin Jernigan of Warner Robbins, Georgia includes some practical landscape usage as well as plant protection as follows:

"There are a number of things that we can do to help our camellias go through the winter with the least amount of damage from the cold. In my opinion, the single most important thing we can do is provide water. The amount of water a camellia gets during the spring, summer, and most important, the fall will be a very important factor on how a plant will be able to withstand cold. Even during the winter there are times we should water a plant. Any time we have a hard freeze that freezes the ground, I water my outside plants, and again after the ground thaws. This keeps the freeze from evaporating the moisture from the soil. We must all remember that any plant,

even a camellia, can be killed with too much water.

"Fertilizing should be done in the spring and early summer. I do not put any fertilizer on outside plants after June as I want the new wood to mature and get hard before we have a freeze. Fertilizing after this time will cause new growth to be tender and will be the first to be killed.

"Mulching is another important winter as well as summer protection. Pine straw 4 to 6 inches deep will save a lot of plants. As this straw disintegrates or packs down add more around the plant.

"Along with the protection the camellias receive from the trees they are planted under, the above three things will carry most plants through the winter.

"Those of you who are planning to landscape your property should become familiar with the fairly new concept of reducing energy cost with your planting. This will work as well for your yard as for your house. Properly planted and placed plants can reduce your cooling in the summer from 10 to 20 percent and in winter can save you up to 35% in your heating. An evergreen hedge on the north and west sides of your house can

significantly reduce the cold reaching your yard. A good rule of thumb to remember is that the hedge or wind break will be effective 4 to 6 times its height. The evergreen hedge lets enough air move through so a vacuum is not created on the downwind side of the windbreak as sometimes happens with a wall or fence. Plant deciduous trees on the west side of your camellias. This will give them shade in summer and allow sun to come through in the winter. In summer evergreens planted properly can funnel the prevailing breeze into your yard and cause air circulation around your plants. Always remember when you are planting camellias or other shrubbery to be aware of your planting area. Cold air moves, like water in a river, down the path of least resistance (a drain) to the low point and will collect in the low spot. These low spots can be up to 5 degrees colder than other areas of your garden."

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'Saul Habas' — ACS Cover November Journal 1983

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(?'s) AND ANSWERS

E. C. SNOOKS

Q. I'd like to hybridize for the first time this year. How can I save pollen from the early bloomers to use with late bloomers? How long will it keep?

A. Moisture is the enemy of pollen so the collected pollen must be kept very dry if it is to be stored successfully. Many methods have been devised but one of the most satisfactory is described here. Collect the pollen by removing the anthers with fine tweezers and place them in gelatine capsules, size 0 or 00. These are available at many "natural" food stores or your pharmacist may be helpful. Identify each capsule with a waterproof felt pen. To store, obtain a small, narrow glass bottle and fill it $\frac{1}{2}$ full with silica gel, a desiccant. This is usually available at hobby supply stores or through chemical supply houses. (An indicating form is available which changes color when it is no longer effective. Silica gel, as opposed to calcium chloride, which is often used, can be regenerated indefinitely by heating to 225°.) Place a cotton plug over the desiccant, then the capsules of pollen. For "same-season" use no refrigeration is needed, but for long-term storage refrigeration is suggested. If pollen is kept dry it is viable for at least a full year!

Q. What is the best method for keeping cut camellias and how long will they remain in satisfactory condition?

A. There have been many methods proposed for storage of cut camellias some of which are simple, others complex. The merits of these methods is as varied as the methods themselves. One point that each method has in common with the rest is the requirement for a saturated atmosphere surrounding the bloom. This condition may be satisfied by simply placing the bloom in a container which can be covered and adding a very small amount of water or even a dampened paper towel. The cover need not be perfectly sealed but should fit reasonably well. If the bloom is not damaged by injury or disease it should be in good condition for a week or more at room temperatures and even longer under refrigeration. Of course, the time will vary greatly from cultivar to cultivar. Select those known to last well on the bush, for they will also last well when cut. For home or office dis-

play one of the best items available is Plant Helpers™ by Corning. The clear glass domes are available in 5", 7" and 9" sizes.

Q. I tried gibbing last year and many of the bloom buds turned brown, dried up and fell off. What happened?

A. From the information given one can not be certain what the problem was but let us look at the possibilities.

1. The gib may have been too strong or contaminated. If you obtained it from a reliable source or know that it was used successfully by others this cause may be eliminated. If you used ammonia to help dissolve the gib powder you may have used far too much.

2. Did you try more than one cultivar? Some do not take well to gib. Bud dropping could result from such an adverse reaction. If you tried several cultivars, all with equally disastrous results, this is not the problem.

3. Watering. Blooms are made up of over 90% water. With the expanded cells created by the reaction with gib the need for water is even more critical. Once again we must ask the question . . . did other buds exhibit the same problems as those treated with gib? If so, improper watering may be the cause.

4. Too much gib. Only a very small droplet of the solution is required. This is most easily applied using a hypodermic needle and syringe. Check with your local druggist, your doctor or a nurse friend. If too much gib is applied it may run and make direct contact with the bloom bud. This will burn tissue which could cause the symptoms you described.

5. Miscellaneous causes include bud mites, excessive nitrogen, elevated temperatures, and improper application. Observe other growers or better yet, have them observe you.

—ACS—

ERRATUM

We regret the error in printing in the "Officers and Directors" listing on page 3 of the August 1983 issue of *The Camellia Journal*. The listing for the Vice President for the Gulf Coast Territory is in error. *The correct listing should be:* Vice-Presidents, *Gulf Coast:* Alfus O. Johnson, Houston, TX 77096, 5707 Jackwood Blvd.

March in China

ALFUS O. JOHNSON

Our Chinese friend Dr. Dominic Man-Kit Lam, who is a Professor in the Department of Ophthalmology at Baylor College of Medicine, planned and took the tour to China with Bertha and me in March, 1983.

Although he is not a camellia enthusiast we do have a common interest in horticulture since he grows orchids. Without him we could not have gotten into China except with a planned tour.

He is a Visiting Professor at the Zhongshan Medical College in Guangzhou (Canton). I also received an invitation to visit the Medical School. The faculty and administration were very cordial, as are all Chinese with whom we had the pleasure of meeting while in China. We visited the Medical College and also had a meeting during which we discussed and exchanged information on financial and administrative matters with the top officials of the College. Dr. Peng Wenwai, the Executive Officer, was kind enough to have us in his home for dinner. Although we had a host in each of the four cities we visited, this was the only invitation we received to visit in the home. It is apparently unusual for visitors to be entertained at home because of the relatively limited space in most Chinese homes. In addition, the Medical College was very kind to provide us with a private car and a chauffeur.

One afternoon we visited with Dr. Chang Hongda, Professor of Botany and Head of the Department of Biology at the Dr. Sun Yatsen University. Dr. Chang is a leading taxonomist who officially records and identifies new plant specimens in China. He is also the foremost authority on camellia identification in China. He has discovered and named many new species of camellias. He speaks fluent English and I am hopeful that further communications and interactions can be developed for our mutual interest. He had sent me his book *A Taxonomy of the Genus Camellia* before our arrival in China. It will be highly desirable to have it translated into English.*

(Continued on page 30)

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'Dick Goodson' & Var.
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'Dorothy Zerkowsky'
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'Elaine Smelley'
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'Elizabeth Weaver'
'Elvige'
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'Eugene Stockman'
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'Flamenco'
'Fran Homeyer'
'Frances B. Homer'
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'Gay Pixie'
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'Happy Days'
'Harbinger' & Var.
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'Helen G'
'Hulyn Smith'
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In Memoriam

ALISON J. PARSONS

Alison J. ("Preacher") Parsons died in Norfolk, Virginia on August 6, 1983. He had been ill for some time, but he has enjoyed a long, happy and fruitful life. The Camellia World will sorely miss this distinguished gentleman.

"Preacher" was among the organizers of The Virginia Camellia Society and has served many years as a Director and then President of that state society in 1954 and 1955. He served as State Director of the ACS for Virginia from 1955 to 1963 when he was unanimously elected President of the ACS. He has been a Trustee of the ACS Endowment Fund since its creation in 1966. His two years as ACS President have been described as "two of its most critical years." It was during that time that the Headquarters were built at Massee Lane and moved from Tifton, Georgia to its now world-known location, as Historic Massee Lane which is listed on The National Register of Historic Places.

His executive talents and leadership were recognized when the 1969 "American Camellia Yearbook" was dedicated to him. Also in 1969 "Preacher" was awarded the coveted ACS Bronze Plaque Award.

He is survived by his widow Ella Ward Parsons who resides at the home on Flicker Point, Norfolk, Virginia. We extend our deepest sympathy to our dear friend Ella.

JOHN NILES SEWELL

John Niles Sewell died on September 14th. John had been active in the affairs of The American Camellia Society since its founding in 1945. It was he who worked with the Court of Alachua County Florida in which the American Camellia Society was and is incorporated. He also served as the Resident Agent for the Society from that time until his death. John was a Charter member, a Life member and an Accredited ACS Judge. He also served as the Florida State Director of the ACS in its early years. He had always been very active in the affairs of the North Florida Camellia Society in Jacksonville. His passing will create a real void among camellia lovers.

He is survived by his wife, Stella, at their residence of 1560 Lancaster Drive, Jacksonville, FL 32204.

DR. JOHN BRANDER ANDERSON

Members and Judges of the American Camellia Society were saddened to learn of the death on May 30, 1983 of Dr. John Brander Anderson, who designed a distinctive pin in 1964. A popular Gulfport, MS dentist, Dr. Anderson donated the dies of the pin to the A.C.S. in January 1983, in order to continue their use. Dr. Anderson was a prize-winning member of the Men's Camellia Society of Gulfport. He served three years as an Air Force captain in Japan, where he obtained an import license and brought back carefully collected scions and seeds from rare Japanese camellias.

He originated two varieties from Japanese seed: ACS Reg. #400 'George O. Anderson' (named for his father, who in 1983 survives him at age 95); ACS Reg. #630 'Bachelor Pink.'

He lost the majority of his camellia experiments in a severe freeze which struck the Gulf Coast in 1962.

He willed a large portion of his estate to establish the Anderson-Brander Scholarship Trust, awarding two annual scholarships to Presbyterian youth for 50 years, in memory of his parents.

That among his papers were found unpublished manuscripts covering his religious principles, camellias, samurai swords, Coast explorers, and undersea treasure salvage is worthy of mention in order to indicate the range of his interests and capabilities.

KATHRYN MARBURY

Kathryn (Mrs. S. Leslie) Marbury died on Saturday, August 14th in Wilmington, North Carolina after a prolonged illness.

Kathryn and Les, a former President of the ACS and a Trustee since the founding of the ACS Endowment Fund, have attended shows and meetings all throughout the camellia growing areas of the country. This devoted couple, who had been married for 68 years, were always sought after for their interest in and knowledge of camellias.

Several years ago Kathryn did many beautiful watercolor paintings of camellias which were admired on the walls of the hall, dining room and den of their lovely Southern home in Forest Hills section of Wilmington. She was always the gracious hostess in their home for buffet dinners and parties for camellia folks whenever they came to Wilmington.

We shall sorely miss Kathryn Marbury whom we have personally known for some thirty years. She is survived by her husband, S. Leslie Marbury of Wilmington, North Carolina, a sister, Mrs. Lallie Brown Snow, and niece, Kathryn Snow Allen of Wilmington and a nephew.

**HELP SUPPORT AN
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A. EMMETT BARNES, JR.

A. Emmett Barnes, Jr., 91 years of age, of Macon, died on September 19th after a short illness.

"Mr. Emmett" as he was affectionately known by his host of friends and admirers had been a pioneer of more than a half century in the growing of camellias. He had been active in the Camellia Society of America which in 1946 merged with the newly formed American Camellia Society. He was one of the few camellia men of the South who held the organizational meeting of the ACS in Macon on September 29, 1945. He was a Charter/Life Member of the ACS, of course, and was a Charter Member of the Middle Georgia Camellia Society which he helped to found on February 5, 1932, with the Macon Camellia Society, and which held a show that same month.

In all of these years he has given unstintingly of his time and talents to camellias and to the camellia societies. He frequently gave intelligent and warm-hearted advice and support to the Executive Secretary whenever asked.

As we look at the lovely blooms each early fall of the camellia 'Emmett Barnes' we will give a pause to thank the Lord that we had the privilege of knowing such a gracious southern gentleman.

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November 8-10, 1984 Hqrs. Holiday Inn, Perry, GA Perry/Fort Valley, GA
January 1985, exact date to be determined Mobile, AL
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April 3-6, 1986 Norfolk, VA

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'A. P. Fatherree'	'Emma Gaeta'	'Jim Altier'	'May Westbrook'	'Rachel Tarpy'	'Thomas E. Gilley'
'Arcadia'	'Eugene Stockman'	'Juanita Walker'	'Mini Mint'	'Ray Watson'	'Tom Knudsen, Var.'
'Baby Pearl'	'Evelyn Ramirez'	'Judge Jackson'	'Miss Rebecca'	'Redwood City'	'Tomorrow's Lisa'
'Ben Fatherree'	'Francie L. Surprise'	'Katie'	'Miss Santa Clara'	'Robert's Jewel'	'Tom. Park Hill Blush'
'Buddy Bills, Var.'	'George Brockman'	'Kevin Murphy'	'Mona Jury'	'Rose Bouquet'	'Tony's Joy'
'Camellia City'	'Georgie Van DeCamp'	'Lasca Beauty, Var.'	'Mrs. D. W. Davis Spec.'	'Sabrina'	'Vi Stone'
'Corry Van Gasteren'	'Glowing Embers'	'Little Cheeper'	'Mrs. Hugh White'	'Sara Oliver'	'Waitz Time Supreme'
'Crystal City'	'Grace Albritton Blush'	'Little Cutie'	'Nuccio's Ruby, Var.'	'Shikibu'	'Westfield'
'Curtain Call'	'Harold Paige'	'Little Man Formal'	'Our Kerry'	'Shuchuka'	'Woodford Harrison'
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'Alyson Pollard'	'Crimson Robe'	'Full House Pink'	'Linda Gilmore'	'Pat Gurnsey'	'Splash of Pink'
'Amy Pearson'	'Dallas'	'Garden Glory'	'Lion Head'	'Patricia Ann'	'Stacked Deck'
'Ann Blair Brown,' R & V	'Debut'	'George Stewart'	'Little Dixie'	'Pavlova'	'String of Pearls'
'Ann Clayton'	'Delta Dawn'	'Goggy'	'Little Ginger'	'Peking'	'Swan Lake'
'Anticipation, Var.'	'Descanso Mist'	'Gone Again Blush'	'Little Man'	'Pharaoh'	'Temple Festival'
'Applause'	'Desire'	'Han-Ling Snow'	'Lucy Stewart'	'Pink Dahlia'	'Ten Plus'
'Aquarius'	'Dolly Dyer'	'Happy Days'	'Margaret Hilford'	'Pink Doll'	'Terrell Weaver,' R & V
'Arch of Triumph'	'Dolly Parler'	'Helen G.'	'Mary Fisher'	'Pink Jewel'	'Terry Gilley, Var.'
'Baby Face'	'Dolores Hope'	'Hishi-Karaito'	'Mary Love'	'Pirouette'	'Timothy Gilley'
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'Black Knight'	'Dr. Clifford Parks'	'In the Red'	'Men's Mini'	'Red Bird'	'Tonya'
'Bloody Mary'	'Dr. June Crisp'	'J. M. Haynie'	'Midget Wheeler'	'Red Chief'	'Trinket'
'Blue Bird'	'Dream Boat'	'Janet K.'	'Miss Lucy'	'Red China'	'True Echols'
'Bob Hope,' R & V	'Dream Time'	'Jean Pursel'	'Miss Tinytot Princess'	'Red Dahlia'	'Valentine Day, Var.'
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'Angel Wings'	'Dorothy Copeland'	'Glen 40 Special'	'Lerling'	'Mrs. R. L. Wheeler'	'Star Above Star'
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'Betty Sheffield Coral'	'Dr. Lilian Hanchey'	'Gone Again'	'Little Slam,' R & V	'Myra D.'	'Sultana'
'Betty Sheffield Dawn'	'Drama Girl, Var.'	'Grace Albritton'	'Little Susie'	'Myrtle A. Cannon'	'Susan Johnson'
'Betty Sheffield Dream'	'E. G. Waterhouse, Var.'	'Graceland'	'Look Again'	'Nan S. Dodd'	'Susan Shackelford'
'Betty Sheffield Supreme'	'Easter Morn'	'Granada,' R & V	'Love Boat'	'Nola Firth'	'Suzy Stone'
'Betty Sheffield White'	'Ed Combatalade'	'Grand Prix'	'Magic City'	'Nuccio's Gem'	'Taffeta Tu-Tu'
'Black Lace'	'Edith Hall'	'Grand Slam'	'Man Size'	'Pat Nixon'	'Tali Queen'
'Black Tie'	'El Dorado'	'Gus Menard'	'Margaret Crutcher'	'Pearl's Pet'	'Taylor's Perfection'
'Blond Betty'	'Elegans Splendor'	'Gweneth Morey'	'Margaret Davis'	'Pink Chablis'	'Teen Age Queen'
'Blushing Beauty'	'Elegans Supreme'	'Honeyglow'	'Maroon & Gold'	'Pink Frost'	'Thelma Dale Blush'
'Brooksie's Rosea'	'Elizabeth Dowd'	'Howard Asper,' R & V	'Martha Norwood'	'Pink Smoke'	'Tick Tock Blush'
'Campari'	'Elizabeth Lebey Blush'	'In the Pink'	'Mary Agnes Patin'	'Pirates Gold,' R & V	'Tiffany, Var.'
'Carnival Princess'	'Ella Ward Parsons'	'Ivory Tower'	'Mary Boyce'	'Premier'	'Tiny Princess'
'Carters S/B Pink & Var.'	'Elsie Juny'	'Jerry Wilson'	'Mary G. Porter'	'Queen of Tomorrow'	'Tom Knudsen'
'Carters S/B, Var.'	'Erin Farmer'	'Jonathan'	'McVey's Nuccio'	'Ragland Supreme'	'Tom Thumb'
'Chameleon'	'Esther Ann'	'Julia France'	'Melinda Hackett'	'Rena Swick, Var.'	'Tom. Crown Jewel'
'Charlean,' R & V	'Fallen Angel'	'Junior Miss'	'Melody Shepherd'	'Richard Nixon'	'Tomorrow, Leanne's'
'Charlie Bettles'	'Fancy Free'	'Just Darling'	'Memento'	'Rose Parade'	'Tom. Park Hill'
'China Doll'	'Fashionata,' R & V	'Kathryn Snow'	'Mike Witman,' R & V	'Sarah Hall'	'Tom. Dawn'
'Chow's Han-Ling'	'Fircone,' R & V	'Kay Acker'	'My Linda'	'Sarah Lee Cannon'	'Tom. Tropic Dawn'
'Cinnamon Cindy'	'Fire Chief'	'Kewpie Doll'	'Miss Bess'	'Sawada's Dream'	'Twilight'
'Circuit Rider'	'Flo-Adrian'	'Kim McGowan'	'Miss Charleston,' R & V	'Silver Ruffles'	'Valentine Day'
'Clark Hubbs,' R & V	'Florence Kirby, Var.'	'Kitty'	'Miss Mandie Supreme'	'Silver Triumph'	'W. H. Rish, Var.'
'Debbie,' R & V	'Forty Niner'	'Kramer's Supreme, Var.'	'Moody Bozeman'	'Silver Waves'	'Wendy'
'Diddy's Pink Organdie'	'Fragrant Pink'	'Lady in Red,' R & V	'Moonlight Sonata'	'Snow Baby'	'William Jackson'
'Dixie Knight Supreme'	'Fran Mathis, Var.'	'Lassie'	'Mouchang,' R & V	'Snowman'	'Zing'

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Tax Exempt — Yes!

We are frequently asked if the American Camellia Society, as well as the American Camellia Society Endowment Fund, is a tax-exempt organization. The Answer: BOTH organizations are separately listed on page 28, Internal Revenue Service Publication 78, *Cumulative List of Exempt Organizations*, as being tax exempt.

The ACS and the ACS Endowment Fund are *each separately listed as being exempt from Federal income tax* as an organization described in section 501(c)(3) of the Internal Revenue Code. The purpose of each is listed as charitable, educational and scientific. The ACS received its first letter of determination in 1952 and the ACS Endowment Fund received its in 1966. We have copies of the latest statement that *each* is so listed.

The Determination Letter, in part, states "*Contributions made to you are deductible by donors as provided in section 170 of the Code. Bequests, legacies, devises, transfers or gifts to or for your use are deductible for Federal estate and gift tax purposes under provisions of section 2055, 2106 and 2522 of the Code.*" (Italics are ours for emphasis and not so italicized in the Determination Letter.)

You *cannot*, however, *deduct the cost of your Membership Dues to the Society* since you receive "merchandise in kind" for the payment of your dues. However, we understand that a subscription to the ACS publications by professional or business people could be declared as normal business expense *providing* the publications were placed in a reception room or public place of office.

Any contribution, bequest and such listed above, either to the Society or to the Society's Endowment Fund for use in the said purpose of each or either of these entities is, therefore, tax deductible as stated.

We do hope this clarifies the situation for the many of you who have asked for this information and for others who might be considering contributions or bequests to the American Camellia Society and/or the American Camellia Society Endowment Fund.



HEAD TABLE COOKS APRON. Josephine Bond of Dallas was kind enough to pose with our new Head Table Cooks Apron and our new cookbook "HEAD TABLE COOKS" during the convention in Dallas. The apron is one of the sturdiest and best made of aprons you will see in many of the specialty stores or gourmet shops. It is white with green borders and the large camellia in full color is 'Dr. Clifford Parks' from a painting from Ann Hackney. The artist gave us permission to use this on the front. Similarly made, sturdy aprons with adjustable straps and pockets, even without a lovely camellia, retail for \$20.00 in specialty and cookware shops. These washable aprons are available only from the American Camellia Society for only \$15.00 plus \$1.00 postage. Send your orders to: American Camellia Society, P. O. Box 1217, Fort Valley, GA 31030. (Photo by Greg Davis.)

My Camellia History

DR. JOHN BRANDER ANDERSON*

With the hope that some new members will avoid some of my pitfalls, I present the following rambling account of my experiences with the queen of flowers, Camellias.

I joined the ranks of those happy mortals, whose star is spelled Camellia and who follow it with a gleam in their eye and a song in their heart, by purchasing a small potted seedling Camellia infected

with scale. The plant soon died; but being stubborn, my interest did not. Looking back on that purchase, I know now that it was the most expensive purchase I have ever made, but along with that it has paid me great returns in pleasure, new friends, and consuming interest.

My quest for information led me to Mr. J. S. Bradford of Ocean Springs, MS, and a good friend, who introduced me to the American Camellia Society.

Since we were building a new home, Camellias were planted according to color. I blush to remember my buying by saying, "I want that pink, that variegated, and that red." Alas for fine dreams, the plants just wouldn't grow. Deciding it was too much sun, we moved the survivors to a pine shaded area, and to save labor we turned the whole area into a pine straw mulched bed. In moving the plants, it was found that the majority of them had nice hard clay balls that had to be chipped and soaked off. During the moving and washing, labels were lost, and they plague me still, when it comes time for identification.

In my purchases, I later found, were several 'Sarah Frost' camellias. Encouraged by Mr. Bradford, I decided to try to graft them. I purchased scions of 'Stephen Foster' from him. (The original seedling was dying in November 1958 and dead May 1959.) All of my scions took, and I now have two six-foot 'Stephen Fosters' that have imitated the postal slogan in bloom production and ribbons.

Through the kind request of "Uncle Sam" and the Air Force, I was sent to see if I had lost anything in the Far East. I hadn't, but I couldn't convince them, so I spent two years viewing the mysterious Orient and smelling the spice-laden breezes.

While in the Far East, I sent 40 plants home and a box of seeds under an import license. Of the 40, only about ten plants are now established. Due to the long period between gathering and planting of the seeds, many failed to sprout, and a great many produced weak spindly plants which have a very low survival count. Some turned out very strong and healthy. The outstanding feature of these plants is the fact that cold just makes the leaves turn a darker green and rarely affects the flowers.

The plants that have been identified are as follows:

1. 3 varieties of *C. saluensis*
2. 'Herme' Colors more pastel than
3. 'Pink Perfection' American varieties & not so liable to cold injury.
4. 'Apple Blossom'
5. Unknown. White Trumpet about 3 inches broad and about 4 inches deep. 'Chichidori'
6. Unknown. Variegated leaf. 'Pink
7. Unknown. 'Perfection' Haven't bloomed yet.

Some of my Japanese seedlings have bloomed at the tender age of four years. Of those that have bloomed, about 95% show more or less fragrance. One is outstanding with the aroma of wild azalea. It was registered with the American Camellia Society as #400 and is to be distributed by Brodie's Biloxi Nursery. The registered name is 'George O. Anderson,' after my father.

A second is a cup-shaped variform white with red freckles and slight fragrance.

A third is a white trumpet tentatively identified as a seedling of *C. oleifera* (white trumpet with scarlet stripe), flowers borne in leaf axils.

The seedlings show increased vigor, cold resistance, and sun tolerance. Most of them are growing in full sun, with no mulch, little water and even less fertilizer.

Upon my return from the Far East, I met George Powell who soon sold me a membership in the Gulfport Men's Camellia Society. When I attended a meeting, I was very pleasantly surprised to find that there were others who had a bad case of the "Camellia virus."

Outstanding among the many who have given me good advice and listened to my tales of woe is Mr. Tom Clower. His never-failing good humor and kindness have made a very enjoyable subject even more interesting.

To sum up my rambling story, the following points may be of interest to some beginners, and there might be a gem of wisdom very well buried for those who are older hands in the game:

1. Grafting works better on plants that are growing in the soil of your own yard.
2. Two scions are much better than one for healing of understock. Where one is used, the opposite side usually rots, in this climate, before healing can take place, necessitating surgery that can kill the whole plant.

3. When the jars are removed, the unhealed portion should be sealed with water mix asphalt.

4. The best jars are made from one-gallon jugs with the bottom cut out. A good glass cutter to score and a 750-watt heating element for cutting is all that is necessary. The cut off bottoms can be used as saucers for small pots. The handle is used to hold the aluminum name tag giving name of scions. It also can be used to hang up the jugs during the off season. The spout is best closed with a cork that can be removed to inspect the graft and also as a vent for hardening off.

5. Aluminum spray paint makes a good cover for the jars, eliminating the need for hampers which are unsightly.

6. Newly moved plants can be grafted very easily. Grafting seems to be equal to severe pruning and balances the root and top. In fact, newly rooted cuttings can be grafted.

7. The tops of plants removed should be trimmed and planted in a hole, dug two feet deep, in a shady place in the yard. The northeast corner of a house is good, if protected on both south and western sides. Allow to remain until next grafting season. I have rooted material up to 1 and ½ inches in diameter by this method, which I saw used in Japan.

To keep people from thinking we have a paradise for camellias here on the Gulf Coast, the following may be of interest. Through the offices of the Men's Camellia Society, arrangements were made to test the members' soils. When the returns were in, we found we needed everything but sand.

I hope to have some very interesting new varieties in the future from the rest of my Japanese seed, as well as some of interspecific hybrids, but if I do or don't, I still will enjoy Camellias and the people who grow and love them.

* Probably written in 1959/1960 by the late Dr. John B. Anderson.

An Improved Technique for Maintaining Cultures of *Ciborinia Camelliae* Kohn in Vitro — 1983*

LUTHER W. BAXTER, JR. and SUSAN G. FAGAN
Department of Plant Pathology and Physiology
Clemson University, Clemson, SC 29631

In the spring of 1982 edition of *Carolina Camellias* the authors¹ published a paper entitled, "A Method of Maintaining Cultures of *Ciborinia* (*Sclerotinia*) *Camelliae* Kohn in vitro.

Since that work, which was done in the spring and fall of 1981, a better technique has been developed for maintaining the fungus in vitro in that all of the transfer plugs grew out with restored vigor, comparable to that when originally isolated.

These cultures are needed for inoculation work done in the fall since the fungus in nature is not active until January or February, depending on season and location. The ability to keep the fungus vegetatively growing allows us the option of using both fall and spring produced camellia flowers. Thus we will be able to treat inoculated flowers with chemicals and then incubate these flowers under appropriate conditions to find out whether or not the chemical will inhibit sclerotial formation. "Under the appropriate conditions" will be the substance of a paper to be published later, but we have found a way to get sclerotia produced on every blighted camellia flower.

This paper presents a method by which *C. camelliae* can be maintained indefinitely under laboratory conditions as an actively growing culture.

C. camelliae was isolated from the camellia cultivar, 'Lady Clare,' growing on the Clemson University campus, onto carrot juice agar (CJA). CJA was prepared by adding 16 grams of Oxoid agar to carrot juice (contents of 12-ounce can, commercial grade) made up to 1 liter with tap water and then appropriately sterilized. Ninety mm (15 mm depth) culture dishes were used and 30 ml of CJA were added to each plate.

Transfer plugs normally are made

from CJA plates to CJA plates but it has been found, during years of experience, that often the fungus grows out sluggishly. To avoid this, transfer plugs from CJA plates were added to 100 ml sterile water for 1 to 5 days and then removed and added to CJA plates (30 ml CJA/plate). The transfer plugs (in sterile water) were incubated at 22-23 C (72-74 F). The cultures (transfer plugs growing out on CJA) were incubated at 15 C until needed (usually 5 to 7 days later). Fig. 1 illustrates a transfer plug of *C. camelliae* soaking in sterile water in an Erlenmeyer flask.

Transfer plugs were taken from cultures ranging in age from 1 to 5 weeks. Eight replicates were made twice weekly for 20 weeks (320 transfers).

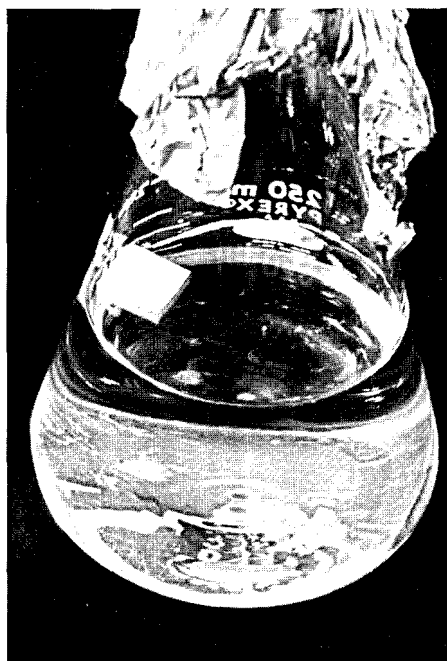


FIGURE 1. Transfer plug (TP) of *Ciborinia* (*Sclerotinia*) *camelliae* soaking in sterile water. After several days the TP sinks and remains on the bottom.

HELP SUPPORT AN
HORTICULTURIST

RESULTS AND DISCUSSIONS

Of a total of 320 transfers made from Petri dish cultures of *C. camelliae* (16 per week for 20 weeks) to water flasks for 1 to 5 days followed by transfer onto CJA, all transfers grew when incubated at 15 C (59 F).

It is not understood what the 1- to 5-day soaking does for the fungus, but it may be as simple as hydration or there may be toxins that accumulate which need to be diluted to restore vegetative vigor. However, multiple soakings were done, that is, re-used six or more times, but the water was sterilized between each soak. Thus if it is the accumulation of a toxin, which is destroyed by heat, the above study would have neither confirmed nor denied the toxin idea. Many of the older cultures (3 to 5 weeks old) produced vast quantities of microconidia which were extruded from the surface of the very tough cream-colored mycelial mat.

For growth of this fungus we recommend that transfer plugs be transferred from 1- to 5-week-old cultures grown on CJA to a water soak for 1 to 5 days and then the seed piece be transferred from the water soak to CJA (30 ml or more per plate to help prevent drying) and incubated at 15 C (59 F). This is an alternation from CJA to a sterile water soak (SWS) to CJA to SWS, etc. For permanent storage, use sterilized wheat seed as reported by Holcomb.²

LITERATURE CITED

1. Baxter, Luther W., Jr. and Susan G. Fagan. 1982. A method of maintaining cultures of *Ciborinia* (*Sclerotinia*) *camelliae* Kohn in vitro. *Carolina Camellias* 34(2):24-25.
2. Holcomb, G. E. 1980. Maintenance of *Sclerotinia camelliae* cultures on sterilized wheat. *Plant Disease* 64:1008.

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* Contribution No. 2198 of the South Carolina Agr. Experiment Station.

Influence of Camellia Scions Infected With and Without Virus, and Different *Camellia* Species as Stock on Grafting*

L. W. BAXTER JR., PEGGY A. MITCHELL, and SUSAN G. FAGAN

The investigation was designed to answer two questions about camellia grafting: (1) will variegated *Camellia japonica* scions (virus-infected) graft as readily as solid *C. japonica* scions (virus-free), and (2) does the stock, *C. japonica*, *C. sasanqua*, or *C. oleifera*, make a difference in the ability of scion and stock to graft well? The reason for grafting camellias in the Southeast is to eliminate root rot of *C. japonica* caused by *Phytophthora cinnamomi* Rands. *C. sasanqua* (Fig. 1) and *C. oleifera* are resistant to *P. cinnamomi*. *C. oleifera* is also cold resistant (Ackerman, 1978).

MATERIALS AND METHODS

Fifty 2- to 3-year-old seedlings of *C. japonica*, *C. oleifera*, and *C. sasanqua* were used for stock (total 150 plants). These were grown in the greenhouse in 1-gallon Lerio containers. The growth medium was a soil-sand-bark-peat mixture (1-1-1-1 by volume). The plants were provided with minerals as needed with Peter's 20-20-20 analysis fertilizer (water-soluble form). The stem diameter at the time of grafting was about 10 mm (range 8 to 12 mm). The grafting was done 2 December 1982 with scions purchased from Nuccio's Nurseries, P. O. Box H, Altadena, CA 91001, of the following cultivars: 'Adolphe Audusson,' Solid and Variegated; 'Clark Hubbs,'

Solid and Variegated; 'Glenn 40,' Solid and Variegated; 'Grand Slam,' Solid and Variegated; and 'Guilio Nuccio,' Solid and Variegated. The cleft method of graftage was used. All scions were soaked in a benomyl suspension (300 parts per million, active ingredient) for 30 minutes prior to setting. White builders sand was added to the top of the growing medium (about 1 inch thickness) to make a tight seal to maintain high humidity around the graft. A number 337 (24-oz.) Dixie Cup (Fig. 2 — note sand) was used as the cover and each scion had two full-sized leaves and at least one mature vegetative bud (Fig. 3). Data were collected 21 March 1983. Five scions of each of the 10 types were grafted onto each *Camellia* species used as stock.

RESULTS

Practically all scions took and grew well (Table 1). The data reveal a very high percentage of successful grafts 142/150 (94.6%). The reasons for this were (1) dieback-free (California) scions, and greenhouse-grown, dieback-free stock were used; (2) there was excellent compatibility between the *C. japonica* scions

* Contribution No. 2153 of the South Carolina Agricultural Experiment Station. Supported in part by The American Camellia Society.



FIGURE 1. *Camellia japonica* seedlings in foreground, *C. sasanqua* in the background. Note pale and sparse foliage and stunted growth of the *C. japonica* plants as opposed to the vigorous green growth of the *C. sasanqua* seedlings.



FIGURE 2. Scion covered with #337 Dixie cup sealed in sand.

and the three *Camellia* species used as stock, and apparently the virus in the scions caused no problem. In the graft combination of *C. japonica* scions on the *C. oleifera* stock, three of the four deaths were with the virus-free scions, while with the *C. japonica* scion onto *C. sasanqua* stock, two of each (2 variegated and 2 solid) were involved.

(Continued on page 17)

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Fun in the Sun at the ACS Annual Meeting

Orlando, Florida — January 11-14, 1983

RAYMOND R. CRAWFORD

The countdown clock began ticking for the first nighttime launch of the space shuttle "Challenger." I am ten miles out in the Atlantic Ocean aboard the cruise ship Seascope. It is a dazzling fireworks display visible for nearly 500 miles in all directions. This is one of the many things that the Orlando area has to offer. It is a must for everyone to attend The American Camellia Society Annual Meeting here in Orlando on January 11 through January 14, 1984.

There have been many changes in the development of the camellia since the forming of The American Camellia Society in 1945. Orlando was incorporated in 1875 with 85 inhabitants and has been transformed from a sleepy little community into a busy, bustling metropolis.

There are many reasons for Orlando's fantastic growth development in the past two decades. Among these are its strategic location at the crossroads of the state, its ideal climate, its scenic beauty, its fine schools, and many cultural and recreational opportunities.

Even prior to its current boom, if this is indeed the right word, Orlando's proximity to Kennedy Space Center and the space program have had a major effect on the area's economy. Its vast Martin Plant was at one time Florida's largest employer. Another phase of the fantastic growth started in 1966 with the initial announcement of plans to build Walt Disney World.

Orlando International Jetport has a brand new multi-million dollar facility serving thirteen airlines. The capital of Florida's flourishing tourist trade, Orlando offers several theme parks including Walt Disney World, EPCOT, Circus World, Sea World and Stars Hall of Fame, to name a few.

Orlando is a city of trees and lakes. Spreading oak trees and stately pines, draped with Spanish moss, line many of Orlando's boulevards and streets. Both back and front yards of the city's homes are landscaped with many varieties of exotic plants and trees including oranges,

grapefruit, jacaranda, azalea, camellia and many tropical plants.

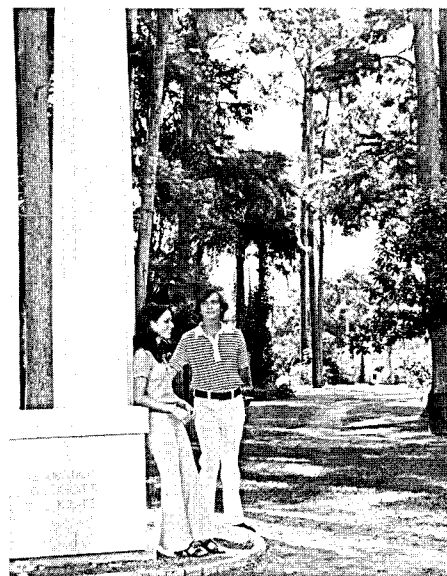
Our Convention will be held in the Langford Resort Hotel in downtown Winter Park, Florida. Orlando is a short 10-minute drive from the hotel. All transportation will be provided. The Langford offers an Olympic size pool. Fine food and friendly service is offered all day in the Anchor Room which is decorated with authentic relics from Spanish shipwrecks. The hotel's Empire Supper Club features gourmet dinners, name entertainment and continuous music for dancing. The Del Prado Lounge overlooks the pool and lush, tropical gardens.

The Camellia Society of Central Florida will hold its 36th annual camellia show. This is one of the largest in the South. Please bring your blooms and help make this a great show. There will be awards in all classes. The show will be held at the beautiful Harry P. Leu Botanical Garden, a monument to the beauty of Central Florida covering 55 acres of tropical plants and trees. Harry P. Leu Botanical Garden has become a noted camellia showplace in the South. It is the home of The Camellia Festival sponsored by the City of Orlando. This is a gala celebration, of which our show is a big part. There will be bands, arts and crafts and a beauty contest. There will be many educational programs.

Our tour to EPCOT Center, one of the most exciting entertainment creations, taking you on incredible journeys, through time and space, across the continents of the world and beyond your wildest imagination, is a good reason in itself to attend The American Camellia Society Annual Meeting. We will have for your pleasure an annual dinner at The Langford Resort Hotel with fine food and great door prizes. Our Awards Dinner will be held at Church Street Station and Cheyenne Saloon and Opera House with a full night of entertainment. This is the showplace of Orlando — something you will not forget. On our educational program we will take you on a tour of our

citrus groves and countrysides. We will also go to the foliage capital of the world, Apopka, FL, with its acres of greenhouses.

We will have a panel discussion so everyone will have the opportunity to learn the latest development in all phases of camellia growing and care. We are looking forward to seeing everyone at The American Camellia Society Annual Meeting on January 11, 1984 and at The Camellia Society of Central Florida's 36th Annual Camellia Show on January 13, 1984 in Orlando, Florida. Just try not to get sand in your shoes as I did 35 years ago.



Entrance to the famous Kraft Azalea Gardens in Orlando. (Photo Courtesy of Orlando Area Chamber of Commerce)

BINDERS

for

The Camellia Journal

In response to many requests, we have arranged with a manufacturer to provide us with binders especially made to accommodate the 8½ x 11 inch Journals.

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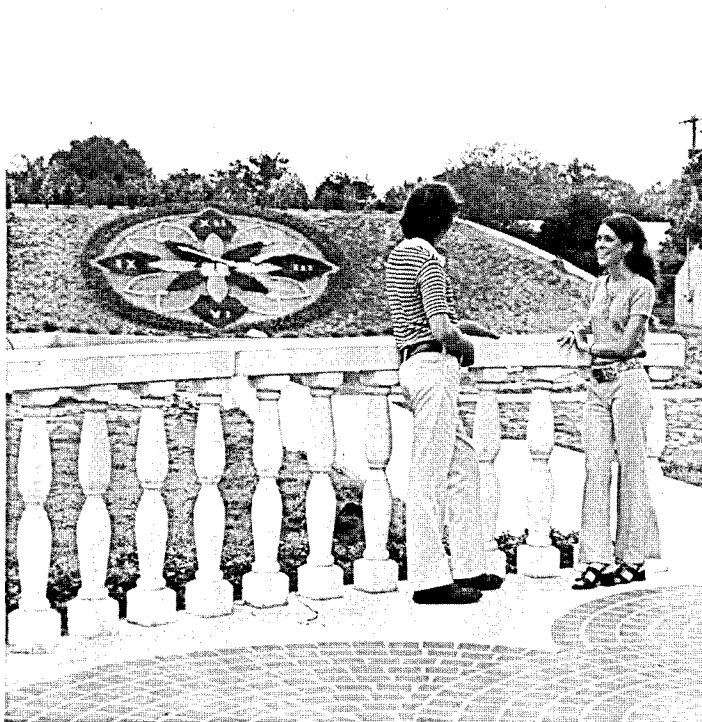
WELCOMES
THE AMERICAN CAMELLIA SOCIETY
on
January 11-14, 1984



Convention Rates are
Single \$45.00 Double \$55.00

Please make reservations by January 1, 1984

Send reservation to American Camellia Society Convention
Langford Resort Hotel 300 East New England Ave. Winter Park, Florida
32789 Tel. 305-644-3400



The Large Floral Clock in Leu Gardens not far from the Camellia Plantings. (Photo Courtesy of Orlando Area Chamber of Commerce)



Picking citrus fruit near Orlando — something you will want to see and also to buy: oranges, grapefruits, etc. (Photo Courtesy of Orlando Area Chamber of Commerce)

HAVE FUN IN THE SUN

American Camellia Society
Annual Meeting January 11, 12, 13, 14, 1984
Langford Resort Hotel, Orlando, Winter Park, Florida

Registration Information.

Name _____ Name _____

Address _____ City _____ State _____ Zip _____

Registration Fee \$100.00 sent prior to Dec. 15, 1983, after Dec. 15 \$110.00.

I am interested in an EPCOT Tour: Yes _____ No _____ Entrance fee \$15.00 each.

Transportation provided to all events.

Please send reservations to Orville L. Jensen, 6309 Linneal Beach Drive, Apopka, Florida 32703. Treas. C.S. of C. F.

The Camellia Show to be held in conjunction with the Annual Meeting will be at Leu Gardens on **Friday Jan. 13, 1984**. Please bring your blooms.

Send Hotel reservations to The Langford Resort Hotel, 300 East New England Ave., Winter Park, Fla. 32789 Tel. 305-644-3400.

American Camellia Society 39th Annual Meeting

Jan. 11-14, 1984

Langford Resort Hotel, Winter Park, Florida

Camellia Society of Central Florida 36th Annual Show

Third Annual Camellia Festival, Leu Gardens Orlando, Florida

TENTATIVE PROGRAM

Wednesday Jan. 11, 1984

12 noon to 8 p.m. — Registration.

5:30 to 7 p.m. — Hospitality Hour.

7:00 p.m. — Board of Trustees and Board of Directors Meeting.

Thursday Jan. 12, 1984

8:00 a.m. to 12:00 noon — Registration.

9:00 a.m. — Educational tour to local commercial greenhouses.

12:00 noon — Break for lunch.

2:00 p.m. to 4:00 p.m. — Panel Discussion.

5:00 p.m. to 7:00 p.m. — Hospitality Room.

8:00 p.m. — American Camellia Society Annual Dinner.

Friday Jan. 13, 1984

7:00 a.m. — Enter Blooms in Show at Leu Gardens.

9:00 a.m. — Breakfast for Judges.

11:00 a.m. — Judging of Show.

1:00 p.m. — Tour of Leu Gardens and Harry P. Leu Home.

2:00 p.m. — Return to Langford Hotel for Shopping in Winter Park.

5:00 p.m. to 6:00 p.m. — Hospitality Room.

7:30 p.m. — Awards Dinner. Evening at Church Street Station.

Saturday Jan. 14, 1984

8:30 a.m. — Tour to Epcot.

9:00 p.m. — Hospitality Room.

Saturday Jan. 14, 1984 Sunday Jan. 15, 1984

10:00 a.m. to 5:00 p.m. — Third Annual Camellia Festival at Leu Gardens. Camellia Society of Central Florida 36th Annual Camellia Show at Leu Gardens. Open to the public. Artistic Arrangements in Leu House.

(Continued from page 13)

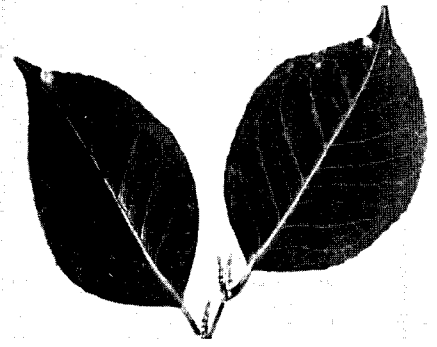


FIGURE 3. Scion showing three healthy, mature vegetative buds and two healthy leaves.

Each stock (*C. sasanqua*, *C. oleifera*, and *C. japonica*) seems to be equally satisfactory for grafting. From studies in 1981 and 1982, these results are not surprising.

In summary, scions graft equally well with or without virus, and they graft equally well on seedlings of the three stocks used (*C. japonica*, *C. oleifera*, and *C. sasanqua*).

LITERATURE CITED

Ackerman, W. L. 1978. "The *Camellia sasanqua* dilemma — are *C. oleifera* hybrids the answer?" *Amer. Cam. Yrbk.* 1978:117-121.

TABLE 1.

A comparison of three *Camellia* species as stock for scions of five cultivars of *C. japonica* with and without virus.*

Stock	Results**
<i>C. japonica</i>	50/50
<i>C. oleifera</i>	46/50
<i>C. sasanqua</i>	46/50
Total	142/150

* All stock plants were seedlings free of virus.

** Numerator, number of successful grafts; denominator, number of graft attempts.

—ACS—

Quit Losing Those Grafts!

JAMES H. McCOY
Fayetteville, N. C.

Nobody gets 100 percent takes in grafting, do they? Even the big growers, the commercial growers, those who have been at it for years, have failures. Mr.

Stewart Howard, that grand old man of camellias from Laurel Lake, North Carolina, took me out one time to show me his grafts. There were hundreds of them, or seemed to be, lined up under the pine trees. About half of them were dead. Some growers get a very high percentage of takes. But 100 percent! Forget it, it's not possible! Right? Wrong!

I'm going to give you my formula for getting 100 percent takes in grafting. No, I don't get 100 percent takes, because I don't always follow my own formula. I do get a reasonably good percentage, year in and year out, perhaps 85 or 90 percent. My formula is composed of our rules, and whenever I follow them all, I don't have any failures. Here they are:

RULE NO. 1 — Graft under cover. By that I mean graft in the greenhouse, in the basement, in the garage or in some other protected area where you can control the amount of water that your grafts get. If you graft out in the yard or in the seedling patch, you cannot control the amount of water. I really do believe that grafts *must* be kept on the dry side. I don't give my grafts any water at all while they're under the cloche, unless it's one of those grafts that just sit there and sit there and are real slow to start growing. In such a case, I will give it a little water but it's always a small amount and always with trepidation. In the yard, your grafts are exposed to the elements. There might come a rainy spell, where it will rain every day for two weeks or more, and your grafts just get too much water. You are liable to lose some for that reason. So, Rule Number 1: graft under cover.

RULE NO. 2 — Be sure that your grafting stock has a good root system. The only way to be sure is to bare root it and look at the roots. I pot up my grafting stock in August and September. I dig it from the yard, bare root it and repot it into two-gallon containers. Sometimes, there is such a volumn of roots until I have to use a three-gallon container. These I use for my most prized scions. I attach a 2-by 4-inch tag to each piece of stock with information as to which seedling patch it came from, the date it was dug, whether it is a *C. japonica* or *C. sasanqua* and the condition of the roots. The roots are classified as being very good, good, fair or poor. I don't use the

ones classified poor until they have been in the container for at least a year. After a year, they will have developed roots and can be used. I try not to use those marked fair either, but sometimes I do. But we're shooting for 100 percent success, so use only those classified very good and good.

RULE NO. 3 — Be sure that your scions are good. Match stick size scions will often take, but why use scions like that when we're trying to get 100 percent takes! Use only thick, lush, juicy, green, healthy scions. Another thing, wood from all plants is not suitable for use as scions. Which is, and which is not is something you will have to find out by experience. I have a good and generous friend who used to give me scions from anything in his greenhouse. But I don't believe that I have *ever* got a take on any scion from this source. It's not that he deliberately does something to the scion wood to render it unsuitable for grafting. It's just some cultural practice of his, maybe too much cygon, too much benlate, too much gibberellic acid, too much fertilizer or something that makes scions from his plants unsuitable for use in grafting. I don't use his scions anymore.

RULE NO. 4 — Use a fungicide. I know that many growers don't bother with this. I used to get a white fungus or mold or something on top of the understock after grafting. I would wash it off with vinegar water. Sometimes the graft would take, but more often than not, if it got this white mold, it ended up a failed graft. Since I have been using Captan, I don't have this mold. I use Captan because it is so effective, and doesn't seem to harm the vegetative material. I don't measure it, but use about two tablespoons of Captan to a gallon of water. I throw the scions in this solution while I'm preparing the stock. The scions might remain there for five minutes or more than an hour. The length of time in the solution doesn't seem to matter. Captan works quickly and exposure for the period of an hour (and perhaps much longer) will not harm the scion. In addition to soaking the scion in Captan solution, I paint the stock under the scion and also slosh a little on top of the soil in the container prior to placing the cloche.

These are my four rules. In addition, I also wrap the juncture of scion and stock in aluminum foil. I don't think this has

anything to do with my success ratio, but it surely does cause the graft to heal over quickly and well. Usually, by late summer, grafts done as late as April 1 are healed over completely.

OK, I've told you how I think you ought to do it if you want 100 percent takes. You won't get 100 percent takes though, for the simple reason you're like the rest of us. If you get a good scion from whatever source, you'll graft it anyway, whether you have grafting stock potted up or have to graft out in the seedling patch. There goes rules 1, 2, and 3. And if you are out of Captan, you probably will not wait till you can buy some. Good bye, rule number 4!



Close-up of the sign made with actual camellia blooms — 'Professor Sargent' — by Ernest Paulk of Ocala, Florida. It was in the Paddock Mall for the camellia show in Lakeland, Florida. (Photo courtesy of Kathleen R. Davis, First Federal of Florida which sponsors the show.)



The Honor Table at the Lakeland, Florida Show. Florida State Senate President Curtis Peterson is seen here. The Award for the Best White was presented in memory of his father N. C. Peterson, Sr. The Petersons have planted many camellias in the Lakeland, Florida area, some as far back as in the 1930's. (Photo courtesy of Kathleen R. Davis; permission granted by the Petersons for its use here.)

DIME A DAY For Camellias

The Camellia Show

ANNA R. TERRY

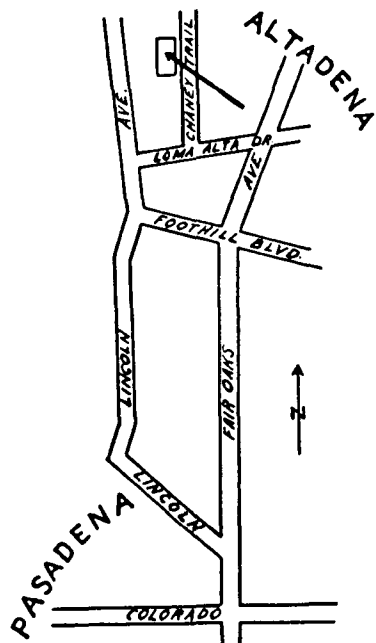
Like glamorous girls in a fashion parade,
Each beautiful bloom tries hard to persuade
With color and shape and gay variation
The coveted glance and winner's ovation.
With stamens up straight and heads held high
Each beauty stands tall as the judges pass by.
They're all dolled up like belles at a ball.
Each beauty believes she's dressed best of all.
Some come covered with feather-like fluff,
Others wear wraps of velvet-like stuff.
Some others blush sweetly, a delicate hue,
While others more daring will dress as they do
With a slash of scarlet on satiny white.
Still others less bold and a bit more polite
Will only come gowned in formal attire
With smooth sculptured lines all meant to inspire
An essence of classical grandeur and grace.
If judges are ladies these will win first place.
And then there's the one in blue tinted veil
Her purple appeal will always prevail.
Like her frivolous friend in ruffles of red
Her exquisite form turns many a head.
And then there's the beauty in centerfold dress,

Like a cute little bunny so sure to impress,
Especially the men, who look at her "good"
To see if those ears stand up like they should.
And then there's the maidens of miniature class,
They may be quite small but each one is a lass
With light little forms, and featured perfection
Each stands quite assured of a favored selection.
And beaming beside with a smile on her face
Is a cousin in crimson with ribbon-like lace
That borders the rim of her miniature frame
As she vies for the votes and the judges acclaim.
And thus they all stand and tremble and pray
Each hopes she'll be picked as queen of the day.
To royally reign with her blue ribbon court,
Blossoms so lovely each one a good sport,
Who'll shed not a tear, but will stand tall with pride
Knowing full well she's a winner inside.
So each beauty dreams of the coveted crown,
If she doesn't win, well . . . it's all over town
It's only because as they do every year,
The judges forget their glasses to wear.
And so they choose as they close their eyes,
Knowing each bloom deserves first prize.

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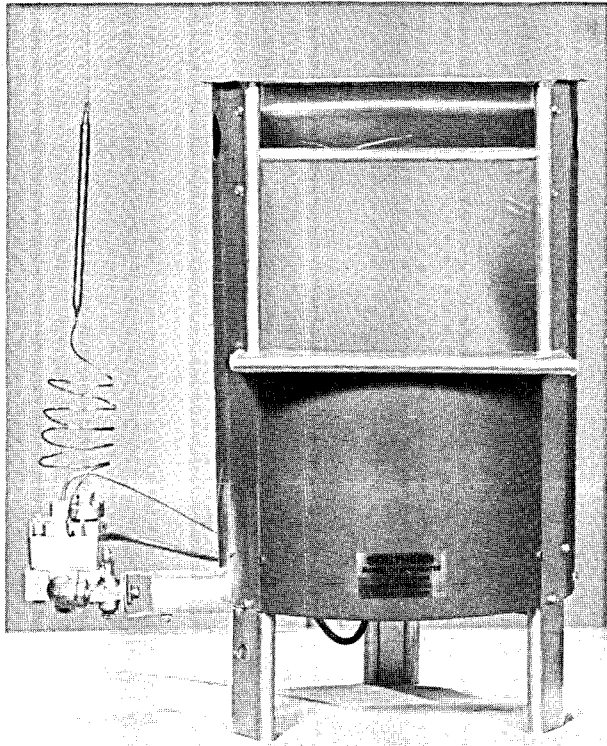
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Among the visitors were Congressman and Mrs. Richard Ray. In Picture 1, you can see the Executive Secretary proudly showing off the Barn Owl to Dr. Dan Nathan; Southern Belle Susan Bryan; Congressman Ray; his wife, Barbara; and another Southern Belle, Leann Tucker.

In Picture 2, standing underneath the portrait of the late Dave Strother which was given to the ACS by Mr. & Mrs. S. L. Marbury is State Senator Bud McKenzie admiring the Southern Belles and the punch and refreshments. Here again we see the Southern Belles, Susan Bryan and Leann Tucker.



(Photo by C. Wilton Walton, courtesy of Fort Valley Leader Tribune)



(Photo by Billy Powell, courtesy of Fort Valley Leader Tribune)

American Camellia Society Holds Open House

On the third of July the ACS held an Open House for the people of Middle Georgia to see the new Boehm porcelain acquisitions. (See the August issue of "The Camellia Journal" inside front cover and pages 1 & 2.)

Several hundred Middle Georgians visited historic Masee Lane for this noteworthy event. Also on view was the Stevens-Taylor Boehm Gallery of some 150 pieces of Boehm. The ladies of the Marshallville Garden Club and other ladies from Fort Valley graciously contributed refreshments for this event.

Book Reviews

THE CAMELLIA, text by T. J. Savage and art by Peter Longhurst of Australia, published by Bay Books Publishing Company, 1982.

Tom Savige's text of this large book, a size 316mm x 250mm, presents a wealth of authoritative information in a most readable form. A concise identification and history accompany each of the color plates. The culture of the camellia is most knowledgeably described, and livened and intensified in anecdotes that surround its history.

The book is divided into seven sections and includes 53 color plates. The sections are: The Genus Camellia, Camellia Cultivars and Their Nomenclature, Camellias in Art, Camellias in the Orient, Camellias in Europe, Camellias in America and Camellias in the Antipodes.

Mr. Savige has previously published a handbook on camellias and has contributed to most of the important English language publications of camellia societies.

He is a President Emeritus of the Australian Camellia Research Society and President Emeritus of the International Camellia Society which recently named him Chairman of the International Registration Authority for the genus camellia. Tom belongs to most of the camellia societies throughout the world.

Peter Longhurst's painting is notably of the flower painter's art as well as the accuracy of presentation. Unfortunately, however, whether it is due to the printing or the condition of the flowers at the time of painting, or a combination of both, some of the color paintings in this book are not up to standard. We agree with a reference by Helen Simon of Australia that, "It is unfortunate that nine valuable pages at the end of the book contain a repetition of the varietal history," as seen facing each of the color plates. We would probably much prefer to have more of Tom's exciting text. However, it is probably a just reason that people may wish to refer to the history of each variety rather than going from page to page looking for each plate and its history.

This is another one of those books that is a remarkable achievement of a specialized subject, just one flower, the camellia.

This book should certainly find its way into the library of every serious camellia grower.

This book is being specially offered to members of the American Camellia Society for only \$41.50 which includes packing and postage. Please send

your check or money order to: Special Offer, American Camellia Society, P. O. Box 1217, Fort Valley, GA 31030. See the lovely color ad on inside of front cover.

THE CAMELLIA STORY by Colonel Tom Durrant; published by Heinemann Publishers (NZ) Ltd; 168 pages; 11 x 8½"; cloth.

This fascinating book is a must for the library of all serious camellia growers. Tom Durrant, a long-time friend of the ACS, was Founder President of the New Zealand Camellia Society from 1957 until 1962; Honorary Editor of "The New Zealand Camellia Bulletin" from 1957 until 1974. In this latter post he was most cooperative with the Executive Secretary of the ACS in sharing pictures, articles, etc. He has been New Zealand Director of ICS and was the Registrar for the Genus in New Zealand from 1960 to 1980. Colonel T. Durrant, C.B.S., D.S.O., A.H.R.I.H., is currently the Patron of his country's camellia society. There is none more qualified to author such a book that we know of.

BOOK SUMMARY:

The Camellia Story is a fascinating study of the botanical, horticultural, literary and social history of the Genus Camellia, and the first for many years, written in English by a recognized international authority.

The story begins in China and Japan, the main centers of camellia origin, and follows their introduction into Europe, where the habit of tea drinking, and the spectacular rise in popularity of the flowers of *Camellia japonica* made a social impact of great importance. It tells how, early in the 19th Century, camellias spread to the United States, and accompanied missionaries and settlers to Australia and New Zealand, where many venerable old trees still survive. The author then documents the 20th Century revival of interest — the work of the great plant explorers whose discoveries made possible the production of numerous hybrids and new flower forms, and the dramatic appearance in the West of the Chinese garden forms of *Camellia reticulata*. Their romantic history, ancient cultivation, and their impact on modern camellia development, are discussed in detail, the author having been responsible, in 1964 for the introduction of some of the

varieties never before seen outside China.

The recent appearance of yellow-flowered and scented species, the production of small-scale and miniature forms, the great possibilities for future development, and the basic principles of camellia cultivation are all dealt with.

Over 200 full color photographs illustrate the text. Apart from those of historical importance, the camellias illustrated are a careful selection of varieties of proven excellence and most of them are readily available.

Tom Durrant's lively text, with carefully chosen quotations from contemporary sources, makes absorbing reading — even to those with only a passing interest in horticulture. His wide experience in studying, raising and growing large numbers of camellias, which he so readily shares, makes this book a must for all those who share his fascination with the Genus Camellia.

CONTENTS:

Introduction; Camellias at Home; Camellias go to Europe; Camellias to the New World; The New Hybrids; The Yunnan Reticulatas; the Great Revival; Future Camellias; Culture. APPENDIX A: Some Botanical Details of the Genus Camellia; B: Bibliography; C: Camellia Societies' Address List; Acknowledgements.

This excellent book is available in the United States from The American Camellia Society, P. O. Box 1217, Fort Valley, GA 31030 for \$47.95 plus \$2.00 for postage and handling for first book ordered and \$1.00 each for additional copies sent in the same order.

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Don't Allow a Serow in Your Camellias or A Camellia a Day —

EDALEE HARWELL

Frosted with frilly pink blooms, a bush of the camellia 'Debutante' looks luscious enough to eat. Eaten it is and considered a gourmet delight by the pair of Japanese serows at the San Diego Wild Animal Park near Escondido, California.

It is not likely, however, that serows will ever endanger the camellia gardens of the world. In fact the serows themselves are endangered, and so valued in zoological circles that in 1972 the Chinese traded two of their treasured giant pandas for a pair of them.

Taxonomically the serow is lumped with the other so-called goat-antelopes, puzzling animals such as the takin of Asia, the goral of India, the chamois of Europe, and the Rocky Mountain goat of North America. Most of these species

have proved delicate and difficult to keep in captivity, and even more difficult to study in the wild. Hence the need for pampering with any delicacy that will give captive animals a stronger lease on life.

In spite of their elusive shyness and the formidable nature of their rocky, mountainous habitat, the serows of Japan were hunted almost to extinction. The meat was believed to have medicinal properties and the shaggy pelts were highly prized. By 1924 so few remained that they were designated a Japanese National Monument and given full protection against hunting and capture.

As the serows began to recover in the wild attempts were made to breed them in captivity. Financed by proceeds from a nearby ski resort and lift, the Japanese

Serow Research Center was established in 1959 on Gozaisho Mountain near Kyoto with two animals captured on the steep cliffs of the area. Eventually such centers were able to furnish a few surplus animals, first to Japanese zoos and finally for export to approved foreign zoos.

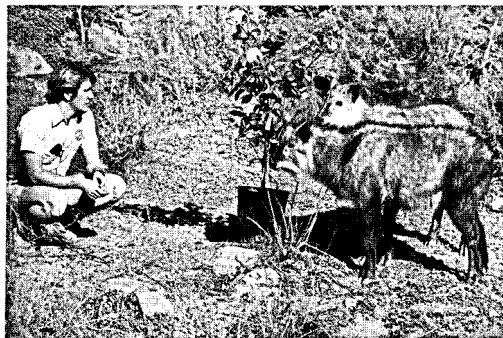
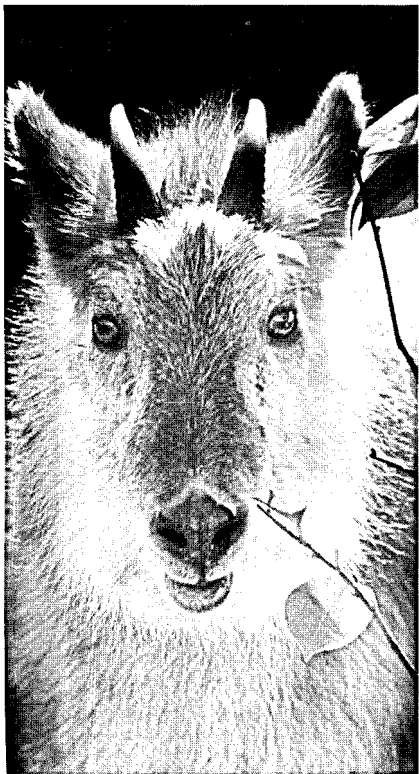
In the United States only the San Diego Wild Animal Park and the Los Angeles Zoo exhibit serows. The Wild Animal Park received a pair in 1980, and a second pair in 1981. Only two animals, fortunately a pair, survive but they appear to be flourishing, especially since the coming of the camellias.

Wild serows have been observed feeding on such diverse items as oak leaves and acorns, bamboo, evergreen tree leaves, azaleas, and camellias. When Park Horticulturist Jim Gibbons was able to purchase at a bargain price five hundred five-gallon camellia plants (said to be all *Camellia japonica* 'Debutante'), these were offered as a supplement to the regular diet of the serows. They were found to be more than acceptable.

"The problem," said Larry Killmar, Curator of Mammals at the Park, "was to see that the other animals didn't steal the plants we put out for the serows." It seems that sika deer, hog deer, mouflon, markhor and other inhabitants of the huge Asian Swamp exhibit at the Park all like camellias too. It became necessary for a keeper to stand by when the fresh camellia bush was put out each day to make sure that only the serows took a tea break.

It was hoped that these plants could be rotated and regrown, but according to Martha Baker, Public Relations Manager at the Park, the serows usually start with the flowers, then trim off the leaves, and finally nibble at the bark until the plant is demolished. They much prefer a whole plant to cut branches.

It would be interesting to test the possible preference of the serows for other camellias such as *C. sasanqua* or *C. j. rusticana*, although these are captive-bred animals and probably never had an opportunity to acquire a taste for wild camellias. Jim Gibbons is willing to try. "We would be delighted to receive any camellia donations," he said, "but make sure that the donors are not just expecting to find a good home for their plants. Serows are a little hard on them."

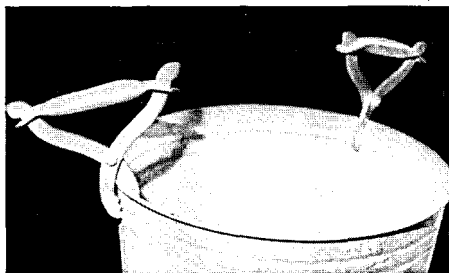
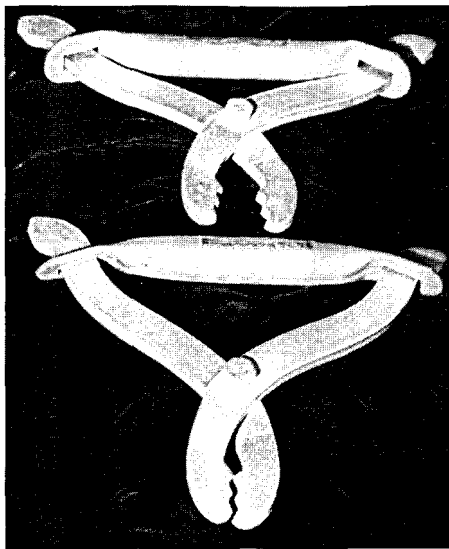


JAPANESE SEROW, RARE GOAT-ANTELOPE at San Diego Wild Animal Park, is an endangered species requiring unusual diet. Each day a camellia bush is brought to these timid creatures by Keeper, Andy Blue (upper right). After trying several other types of vegetation suggested by the Japanese Serow Center in Japan, 500 camellia plants were brought by Wild Animal Park to supplement gourmet diet of the serow. Serows don't consume whole camellia bush, therefore, it sprouts again and can be recycled. The plant complements their regular diet of enriched alfalfa pellets and fresh vegetables. The Japanese serow, exhibited in only two U. S. zoos, may be seen daily from Wgasa Bush Line monorail in Asian Swamp exhibit at Park.

HANDYMAN HELPER

DR. H. L. BERRIDGE

With the onset of fall, the camellia grower with many plants is usually as busy as a bird dog in a scattered covey of quail because of the pressure that the grower feels to get everything in tip top shape. This getting ready for a season for greenhouse growers involves the handling of container plants for many. It is almost an axiom that each year the containers gain in weight and are more difficult to handle. We should recognize that as we grow older there is a loss of muscle strength. Associated with this loss of muscle tone is the danger of hernia by handling heavy containers. This is also because of a lack of handles on containers. Because most of my camellias are in containers I recently ordered a pair of "Handyman Gripzit" designed to handle containers. Pictured in Fig. 1 is the pair I received. They have been used on both metal and plastic containers in sizes up to 17" x 14". Using the grippers (Fig. 2) makes it much easier to handle containers, with less danger of physical injury and a lot easier on the hands. I wouldn't be without them now.



International Visitors at Massee Lane

CARLA HILL
The Leader-Tribune
Fort Valley, GA

The love of camellias has once again bridged the international waters at Massee Lane. Four visitors from the United Kingdom toured the Marshallville gardens along with Mr. and Mrs. Milton H. Brown. Brownie, as he is more popularly known, is Executive Secretary of the American Camellia Society and often acts as host at Massee Lane.

Violet Lort-Phillips, President of the International Camellia Society (ICS), and David John Davies, Secretary of the ICS, along with Mrs. Davies and Mayda Reynolds all agreed that Massee Lane was "spectacular." Inside the headquarters they were particularly impressed with the collection of Boehm porcelains which are housed there. Of course we have Americanized the pronunciation of the word, which is now pronounced "beam." Our British counterparts use a two syllable pronunciation which sounds much like bow-rum.

The four were in the United States to see and learn all that they could about camellias. Several times during the interview, one of them would bring out a new bit of information they had come upon while on their tour. Included in their visit have been stops in Atlanta, Washington, DC, and Florida. Next stop will be Sacramento, California. Known as The Camellia City, Sacramento is hosting the International Camellia Congress where the two new officers were sworn in.

The incoming President of the ICS celebrated her 74th birthday while at Massee Lane and no one ever settled the question as to whether she was exaggerating a bit or telling a tall tale or not. One thing is for certain, she neither looks nor acts like someone who is ready for a rocking chair or a walking cane. "Vi," as her friends call her, is witty, vivacious and outgoing. She says being President is keeping her "busier than ever" and adds that she is not slowing down a bit. Her unique way of describing the situation

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... "Old gardeners never die, they just weed away." She added that 80 percent of the members of the ICS are retirees and that caring for camellias is excellent for them. "It is very therapeutic. I think it is terribly important to find something for your hands and feet to do rather than just sitting on them all day," she said.

Secretary Davies agreed. "It is marvelous for retirees. It keeps them looking forward to something all the time. Some hybridizing takes 10 to 15 years to complete and they don't sit around thinking they may not be here then. They are too busy working to make everything out right," he said.

Violet and Mayda are both from an island in the English Channel which is near the border of France. Both speak French, both are avid gardeners and both have backyards which are more like pro-

fessionally tended gardens. Violet's gardens are actually titled in The Channel Island Conservation Trust.

The Island, Jersey, has a climate which Mayda describes as "terribly mild." Extremes range from cool temperatures in the winter "but never any frost" Mayda says, to warm but not hot summers.

Mayda says that although she is a member of the International Camellia Society, the United States tour is no official business for her. "I'm just a great lover of camellias who came along as a humble observer."

All of the camellia enthusiasts hope that the Sacramento meeting will be a place where old friendships are renewed and new ones made. For those at Massee Lane part of that hope was realized, as several new friendships were already begun.

Japanese/Anglo Camellia Friends

In early March 1983 a group from the Japan Camellia Society came to Sacramento, California to visit some of their American Camellia Society friends. This outstanding group of camellia enthusiasts attended the American Camellia Society convention in Jackson, Mississippi in January 1980 and then were kind enough to visit Massee Lane.

The President of the Japan Camellia Society, Mr. Saburo Yokoyama, and noted camellia author and photographer, Kiyoshi Tarumoto, a Patron member of ACS, led this fine group who invited their American friends for a delightful dinner at the Mansion Inn in Sacramento. That evening Mr. Yokoyama became a Life Member of ACS.



Enjoying the day at Massee Lane are (l to r) the Secretary of the International Camellia Society, Mr. and Mrs. David John Davies, the President of ICS, Mrs. Violet Lort-Phillips, Mrs. Ann Brown, Mrs. Mayda Reynolds and Milton H. Brown. (Photo by Carla Hill.)

Front Cover Camellia

The *Camellia japonica* 'Saul Habas' was named for a devoted camellia enthusiast. A native of New Jersey, he graduated from Rutgers University and then studied at the New York Institute of Religion where he was trained to be a reform Jewish Rabbi.

He was chosen to fill the pulpit in Natchez, Miss. where he met and married Janette Zerkowsky who shared with him her love for camellias and all flowers. He later had to retire from the pulpit and became involved in Real Estate in

Natchez. He was active in the Natchez Men's Camellia Club and many civic activities, especially the Red Cross.

Janette and Saul traveled extensively — around the world three times and to all continents. One trip in 1962 was a visit to Sir Giles and Lady Loder at their English Estate "Leonardslee" in Sussex where they photographed azaleas, rhododendrons, camellias and all the beauty of this place. They also visited the famous Chelsea Flower Show. All these exciting slides will be donated by Janette to the ACS for viewing by all members.



Actually, of the group shown here in the photograph, there is a higher percentage of Life Members of ACS than in any similar group of camellia enthusiasts throughout the world. In the group picture, Mr. Yokoyama is shown third from left on the front row. In that same picture Mr. Tarumoto is to the left of Vi Stone near the extreme right in the picture. Space limitations prevent me from listing the names of all those good camellia friends from Japan who are seen here at the entrance to the plush Mansion Inn.



In the other photograph can be seen Mrs. Yokoyama; Vi Stone, ICS Vice President in the U.S. and an ACS Director-at-Large; Japan Camellia Society President Yokoyama, ACS Executive Secretary Brown and William Stewart, ACS Director-at-Large for the Pacific Coast and an ICS Director in America.

In his letter to me, Mr. Yokoyama said, "I am so pleased with having the meeting so that we could spend time with you all in Sacramento. All the members of J.C.S. can never forget the pleasant time and we will cherish this memory forever . . . While I see these pictures, I recollect the meeting in Sacramento. I hope we will be able to have such a happy time again before long. Please come to see our camellias and the beautiful spring in Japan. How nice it would be to see each other again. I will wait for you heartily."

Those of us who have had the pleasure of knowing these wonderful people the past several years can only echo the warm sentiments of J.C.S. President Saburo Yokoyama, his wife and the great friends that gathered at the Mansion Inn.

Camellias Registered with the ACS Since the August 1983 Journal

Name and Description	ACS Registry Number	Originator
Correction: Reg. #1913 changed from 'Jean Feathers' to 'Julie Var.'. See below.		
'Julie Var.' pink and white, semidouble to rose form double C. hybrid sport of 'Julie' (Reg. #655), mid-season	1913	Edwin L. Atkins
'Charles Zerkowsky' very large, soft medium pink with white flecks, peony to rose form double, C. japonica chance seedling, mid-season	1919	Ferol & Sam Zerkowsky
'Lauretta Feathers' very large, blush white to edged pink, semidouble C. reticulata hybrid chance seedling of 'Lasca Beauty,' early	1920	David L. Feathers
'Lady Laura Red' medium red, peony form, C. japonica sport of 'Lady Laura,' mid-season	1921	John Terry
'Spring Wind' miniature, white with pink tinge, single C. hybrid (C. japonica PI231695 x C. lutchuensis PI 226756), mid-season	1922	Dr. William L. Ackerman
'Fragrance of Sleeve' miniature, very pale pink with darker pink veination, single, C. hybrid (C. japonica PI275054 x C. kissi PI252064), early to mid-season	1923	Dr. William L. Ackerman
'Sun Worshiper' medium, red, rose form double, C. hybrid (C. hongkongensis x C. rusticana) seedling, mid-season	1924	Dr. William L. Ackerman
'Verve' small to medium, deep pink edged magenta, semidouble, C. hybrid (C. saluenensis x C. japonica 'Debutante'), mid-season to late	1925	David L. Feathers
'Saul Habas' very large, brilliant red, semi-double to peony form C. japonica chance seedling, mid-season	1926	Ferol & Sam Zerkowsky

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HUGH SHACKELFORD—Owner

CAMELLIAS

A new garden at Santa Rosa JC

CELIA TALBOT

Santa Rosa Press Democrat

A camellia garden sprang up on one side of Lark Hall at Santa Rosa Junior College a few days ago.

In between storms, members of the landscape maintenance class of the ornamental horticulture department put on their boots, grabbed shovels supplied by their instructor, P. J. Kutlick, and jumped into the mud to dig holes for the camellia bushes.

It was a great day for Al Parker, president of the Sonoma County Camellia Society, who had envisioned such a garden 16 years ago. At that time, two years after he and his wife Vera had founded the society, the organization had no place to hold its shows. He and Jim Grant, Parker recalls, "contacted the college and asked if we could put on our show in the cafeteria." The college agreed and a kind of alliance was formed, an interest in camellias which students took up and later, when ornamental horticulture classes came to the college, expanded.

The society still stages its shows at SRJC.

In the meantime, more than 50 camellia bushes, many of them blooming, are going into the landscape at Lark Hall. All were grown by society members and include "mostly" sasanqua, some hybrids, japonicas and about nine other varieties.

"You don't know how glad I am," Parker said enthusiastically as he surveyed the colorful camellias gracefully decorating the garden at the college. They had been put in on a slope so that there would be good drainage. Parker moved to Santa Rosa so that he could grow camellias and is a retired camellia nurseryman, he added as he watched Kutlick talking with two students, Patti Barghini and Dan Cooper.

"This is going to promote an interest in camellias for years to come," he said. Kutlick, a graduate of California Polytechnic State University, San Luis Obispo, said the 24 members of the landscape maintenance class are all ages — some just out of high school and others, returning students.

Permission to plant the garden came from Bill Bowen, director of maintenance at the junior college, who also gave permission for the use of landscape rock and the purchase of smaller plants such as impatiens for color in between the camellias. The class will continue to land-

scape other areas of the college, using some camellias there, too.

Kutlick and Parker, who has grown camellias more than 30 years, offered these tips on planting and growing of the shrub:

- Dig a hole in the soil twice as big as the root ball of the camellia and form a mound at the bottom. Insert the camellia, making sure the base of the plant is level with the soil.

- Backfill with nitronized sawdust and river sand mixed with the existing soil. Pack in the soil in stages, watering each time to fill and to eliminate air bubbles.

- Build a lip or small ridge around the hole to hold in the soil.

- Wait until the plant is established — three or four weeks — and then add a balanced fertilizer of cottonseed meal, super phosphate and sulfate of potash on a 11-6-9 basis.

Parker said he fertilizes the camellia four times a year — on Valentine's Day, Memorial Day, Fourth of July and Labor Day. He likes fish emulsion.

Both he and Kutlick (seen in this picture) said the fertilizer could be mixed into the soil during planting.

The camellia garden at the college will be a memorial garden, probably in memory of a society member who died last year. But the college must be consulted first, and that news will come later, said Parker.



(Photo by Jeff Lee; courtesy also of the Santa Rosa Press Democrat.)

Al Parker and SRJC landscape instructor P. J. Kutlick examine a newly planted camellia bush.

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What are Copper Enamels?

The History The making of small hand painted enamel boxes was developed in Staffordshire during the 18th century - Staffordshire being the centre of the necessary metalworking and ceramic skills. They were originally intended as a substitute for the lavish and expensive gold enamels that were then being produced on the Continent. Many different items were produced - including snuff and patch boxes of many sizes and shapes, wine labels and coasters, bowls, candlesticks, bodkin cases, bonbonniers, etuis, etc. The industry ceased in 1840 due to the Industrial Revolution in England which made it impossible to compete with the larger commercial industries that were then developing - and to the Napoleonic Wars which disrupted the trade between England and the Continent. The enamels from this period are now widely sought after, hard to find and very expensive.

The Process The processes used today vary very little from those of the 18th century. There are two separate and different skills used in the manufacture of enamels. The metalwork side involves the pressing of thin sheet copper - used for its malleability and cost - into lids and bases. These lids and bases are first prepared for the enamel by cleaning and treating in acid. Two coats of enamel are applied and separately fired in a muffled kiln to around 800°C under the strictest control, until a brilliant shiny surface has developed. When completed the enamelled base and lid are joined together with a special adhesive by a gold plated bezel or mount. This bezel or mount is made from brass - the two separate rings are first formed then soldered together via a hinge and finally cleaned, polished and electro gold plated. The ceramic side involved the manufacture and application of the enamel itself. This enamel is made from glass frits which are then ground in cylinders together with the colouring oxides and the necessary suspension agents. The outline transfer of each particular pattern is applied and fired. This transfer provides the outline for the many various colours to be painted in by highly skilled hand paintresses, which require many different firings. This whole process is basically no different from that used in the 18th century. Indeed the production and application of an outline transfer was perfected by the enamel industry and thereafter used by the pottery industry. The final result is an intriguing masterpiece of skill, craftsmanship and great precision uniting two quite different areas which makes enamels so distinctive and unusual and so popular with collectors who prize the fact that all our enamels carry the backstamp - Staffordshire Enamels.

New Limited Edition Camellia Enamel Box

We have commissioned Staffordshire Enamels of England to do another Limited Edition Enamel Box. This year's edition, limited to only 100, portrays the attractive camellia 'Ville de Nantes' similar in artistic design to our original painting of this flower by the famous Australian painter Paul Jones. The painting had been commissioned several years ago by Mr. and Mrs. L. G. MacDowell of Lakeland, Florida for the ACS.

This Limited Edition box is 1 7/8" in diameter and about 3/4" in depth. The box is a light avocado green with the camellia painted on a white top. Inside the cover are the words "Camellia Japonica 'Ville de Nantes' Originated in France 1897." On the bottom of the box is the Staffordshire logo and the words "American Camellia Society, Fort Valley, Georgia, USA."

We have been able to hold the price to our first issue in 1982. Fine shops throughout the country are selling similar size enamel boxes from \$72.00 to

more than \$100.00.

Our price, on a first-come-first-served basis, is only \$55.00 plus \$3.00 postage and handling. Georgia residents please add \$2.20 to cover the 4% sales tax. Send your orders to Enamel Box, American Camellia Society, P. O. Box 1217, Fort Valley, GA 31030.



Additional Judges Appointed

CALIFORNIA

Sacramento:

Gary Schanz

Tulare:

Dr. H. C. Schumacher

FLORIDA

Fort Walton Beach:

Mrs. Cleota B. Lenert (Nov.)

Jacksonville Beach:

O. L. Jacobson

Orange Park:

T. W. Adams (Nov.)

Pensacola:

Robert A. Hill (Judge Emeritus)

Leo L. Sell

TEXAS

Conroe:

Thomas M. Weeks (Nov.)

Show Dates

(ACS Cooperative Shows)

Place, Location, Sponsor	Date
Fresno, CA, Camellia-Rama, Smuggler's Inn, Central California Camellia Society	November 5, 1983
Chesapeake, VA, Greenbrier Mall, Virginia Camellia Society	November 5, 1983
Greenville, AL, Greenville Camellia Society	November 5-6, 1983
Savannah, GA, Men's Garden Club of Savannah	November 5-6, 1983
Charleston, SC, Magnolia Plantation & Gardens, 1st Annual Camellia Festival, Coastal Carolina Camellia Society	November 6, 1983
Hattiesburg, MS, Cloverleaf Mall, Hattiesburg Area Camellia Society	November 12, 1983
Fort Valley, GA, Masee Lane, Middle Georgia Camellia Society	November 12-13, 1983
*Jacksonville Beach, FL, Jacksonville Beach Community Center, Island of Beaches Camellia Society	November 18-19, 1983
Beaumont, TX, Parkdale Mall, Southeast Texas Camellia Society	November 19, 1983
Gulfport, MS, Harrison County Courthouse, Gulfport Area Camellia Society	November 19-20, 1983
Valdosta, GA, Valdosta Camellia Society	November 19-20, 1983
Charleston, SC, First Federal Savings & Loan Assn., 34 Broad Street, Coastal Carolina Camellia Society & First Federal Savings & Loan	November 19-20, 1983
Fort Walton Beach, FL, Atrium of Westwood Retirement Center, Fort Walton Camellia Society	November 26, 1983
Tallahassee, FL, Northwood Mall, Men's Camellia Society of Tallahassee	November 26-27, 1983
Pineville, LA, Pineville Community Center, Twin City Camellia Culture Club	December 3-4, 1983
Slidell, LA, Municipal Auditorium, Ozone Camellia Club	December 3-4, 1983
Brookhaven, MS, Main Office of Brookhaven Bank & Trust Co., Brookhaven Camellia Society	December 3-4, 1983
Jacksonville, FL, Regency Square, Camellia Society of North Florida	December 3-4, 1983
Houston, TX, Houston Garden Center in Herman Park, Houston Camellia Society	December 3-4, 1983
Panama City, FL, Panama City Mall, Panama City Camellia Society	January 7-8, 1984
Baton Rouge, LA, Louisiana National Bank Building, Baton Rouge Camellia Society	January 7-8, 1984
Conroe, TX, Woodlands, Coughatta Camellia Society	January 7-8, 1984
*Orlando, FL, Leu Gardens, Camellia Society of Central Florida (In conjunction with 39th Annual ACS Convention)	January 13-15, 1984
Pensacola, FL, Men's Camellia Club, Inc.	January 14-15, 1984
Ruston, LA, Holiday Inn, Ruston Men's Camellia Society	January 14-15, 1984
Dallas, TX, Valley View Mall, Texas Camellia Society	January 14-15, 1984
Aiken, SC, Kennedy Middle School, Aiken Camellia Club	January 21-22, 1984
Ocala, FL, Paddock Mall, Ocala Camellia Society	January 21-22, 1984
New Orleans, LA, Lakeside Mall, Metairie, Camellia Club of New Orleans	January 28, 1984
Charleston, SC, Citadel Mall, Coastal Carolina Camellia Society & Citadel Mall	January 28-29, 1984
Fort Walton Beach, FL, Santa Rosa Mall, Fort Walton Camellia Society	January 28-29, 1984
Shreveport, LA, R. S. Barnwell Art Center, Shreveport Camellia Society	January 28-29, 1984
Tuscaloosa, AL, West Alabama Camellia Club, Inc.	January 28-29, 1984
Lakeland, FL, First Federal Florida, First Federal Florida	February 4-5, 1984
Jackson, MS, Plaza of Walter Sillers Building, Jackson Camellia Society	February 4-5, 1984
Charlotte, NC, Eastland Mall, Charlotte Camellia Society	February 4-5, 1984
Redwood City, CA, Community Activities Building, Peninsula Camellia Society	February 11, 1984
Birmingham, AL, Eastwood Mall, Birmingham Camellia Society	February 11-12, 1984
Columbia, SC, Columbia Mall, Mid-Carolina Camellia Society and Columbia Mall	February 11-12, 1984
Tyler, TX, Tyler Camellia Club	February 12, 1984
Santa Clara, CA, Santa Clara Community Recreation Center Camellia Society of Santa Clara County	February 18-19, 1984
Monroe, LA, Downtown Central Bank, Northeast Louisiana Camellia Club	February 18-19, 1984
Fort Worth, TX, Fort Worth Botanical Garden Center, Fort Worth Camellia Society, Inc.	February 19, 1984
Waycross, GA, First National Bank, Federated Garden Clubs of Waycross & First National Bank	February 22-23, 1984
Wilmington, NC, Independence Mall, Tidewater Camellia Club	February 25, 1984
Fayetteville, NC, Cross Creek Mall, Fayetteville Camellia Club	March 3-4, 1984
Nashville, TN, Tennessee Botanical Gardens at Cheekwood, Middle Tennessee Camellia Society	March 3-4, 1984
Santa Rosa, CA, Santa Rosa Junior College, Sonoma County Camellia Society	March 24-25, 1984
Fresno, CA, Fashion Fair Mall, Central California Camellia Society	March 10-11, 1984
Portland, OR, Jantzen Beach Shopping Mall, Oregon Camellia Society	March 31-April 1, 1984
Norfolk, VA, Norfolk Botanical Gardens, Virginia Camellia Society	March 31-April 1, 1984
Fort Valley, GA, Masee Lane, Middle Georgia Camellia Society (In conjunction with the 35th Annual Fall Meeting of the ACS)	November 10-11, 1984

* Changes since August Journal

—ACS—

Baltimore Holds 25th Anniversary Camellia Educational Exhibit

The Pioneer Camellia Society of Maryland on April 10th held such an exhibit. The following text is taken from "Pioneer Camellia News" published by the Pioneer Camellia Society of Maryland, Eleanor E. Waltz, Editor, June, 1983.

On April 10, at Cylburn Arboretum Mansion, over 400 specimen camellias were on exhibit despite the lack of outdoor blooms. A few members shared their precious outdoor blossoms with everyone. Over 60 varieties were on display, plus a number of unusual seedling flowers exhibited by Dr. Wm. Acker-

man. Over 200 spectators visited the exhibit and showed much interest in the programs.

"*Propagation by Cuttings*" — presented by Mr. Charles LeBoutillier was received with renewed interest. You might say he is the real Mr. Dirt Dobber because he made his techniques look so easy and it doesn't take a lot of special equipment.

"*Variegated Foliage*" was the title of Dr. Ackerman's special exhibit. However, it was more than that. Some of the about 20 camellia plants had unique plant forms and leaf characteristics. In

his presentation, he pointed out various aspects of research that had taken place and the results, how the different forms may be used, the color combinations, and most importantly, the development of cold hardy varieties.

"*Making Silk Camellias*" by Mrs. Wm. Ackerman — quite a bit of interest was stirred up in this new category. Would you like to have your favorite camellia made in silk? She had some on exhibit and they are lovely, fascinating and fun. She had all of the necessary materials and you had an opportunity to learn what it is all about.

"*Protection of Container Plants*" — this presentation by Mr. Douglas Deane Hall was well received. His talk, with slides, showed various methods for growing in containers and protecting them during the winters. The use of a MICRO-FOAM, materials such as limbs or branches, and numerous ideas that have been working well.

"*Companion Plants & Grafting*" — a lovely display of various shrubs and plants to use with your camellias in the landscape was exhibited by Mr. Emerson E. Waltz and his demonstration on grafting camellias was very educational and appreciated by all who participated.

"*Airlayering and Seedlings*" by Mr. John Pumphrey — His propagation techniques on these methods were demonstrated and he had a captive audience.

"*Camellia Corsages*" by Mrs. Emerson E. Waltz — the exquisitely beautiful camellia in the various forms has always been a favorite corsage for many. The exhibit included formal, informal, boutonniere, and other types of corsages, including a bridal piece. A demonstration showing that it is quite simple for an amateur to produce corsages with simple materials and a little practice.

"*Why Join a Camellia Society?*" — this educational exhibit and the presentation given by Mr. Richard L. Waltz was most informative. He pointed out that the camellia hobbyist can learn and serve by joining a local society. There are regional societies, the national society, and the international society through which one may obtain membership but to derive the most benefit, it is best to start by joining a local society.

The Campaign for American Camellia Society Endowment Fund

The following members and friends have "joined" one of the clubs or made additional contributions to them since the August issue of the *Journal* (Information as of September 16, 1983).

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(The name in boldface type indicates the person in whose memory the donation has been made.) (As of September 16, 1983.)

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—ACS—

Special Gifts

(As of September 16, 1983)

Alfredo Navarro Paya: First Day Covers Expo-Filatelia "Camellia-83"
 Georgia Semiquincentenary Commission: Contribution for Semiquincentenary Event at Massee Lane November 12-13, 1983
 Dr. & Mrs. Daniel E. Nathan and Mr. & Mrs. Milton H. Brown: Contributions wishing happy birthdays to Dotty Evans, John Lawrence Brown, Tom Evans and Joe Pyron, his 78th; Contributions wishing a speedy recovery to Angelique Petropole, Ray Gentry

Dr. & Mrs. Daniel E. Nathan honoring Lois Marchman's birthday
 Mr. & Mrs. Milton H. Brown honoring Sam Zerkowsky's 80th birthday and the wedding anniversary of Dr. and Mrs. Earl Beatty, Jr.; and wishing a speedy recovery for Mrs. Ivan Mitchell, Judge Sherrill Halbert, Kay Berridge and Payne Midyette
 Contributions and gifts for trophies for the ACS-sponsored Fall Show at Longwood/Winterthur: Mr. & Mrs. H. C. Rambath, Mrs. Urquhart, Mr. and Mrs. Carl M. Allen, Jr., Judge and Mrs. Sherrill Halbert, Mr. & Mrs. Clyde X. Copeland, Mr. and Mrs. William Redd
 Mrs. Charles F. Urquhart, Jr.: Honor Mrs. Cutchins 92nd birthday
 Pearl Ford: A.C.S. Yearbooks
 The Rev. Bonneau Dickson: Camellia books and magazines
 Mr. & Mrs. William B. Hamilton: complete set of A.C.S. Yearbooks and other out-of-print camellia books and magazines
 Mr. John P. Wiltshire: Camellia books
 Harrell's Greenhouses & Nursery: Plants for the garden
 Lawrence W. Keith: Honor "Good Samaritan" Dan Nathan
 Gulf Coast Camellia Society: \$200.00 designated for new equipment for Massee Lane
 Central District Dental Society: A most generous contribution as an honorarium for Ann Blair Brown's talk to this district meeting of dentists and spouses
 Wally Freshwater: Get Well Wishes for Ray Gentry

—ACS—

(Continued from page 6)

While in Guangzhou, we visited Dr. Chang's laboratory and were shown dried specimens (branches and leaves) of numerous camellia species native of China, among them "a number of yellow camellias." One of the yellow camellia species in the *Section Chrysantha Chang* is especially fascinating because not only is the flower yellow in color but it also has, according to Dr. Chang, a sweet fragrance. The potential of using this specie for hybridization is therefore most exciting indeed!

The next morning we visited the South China Botanical Garden which is about 30 kilometers from Guangzhou. This garden is a major center for botanical research in China and is under the direct jurisdiction of the Chinese Academy of Sciences (Academia Sinica). Dr. Cheng Xijin, a botanist and director of the or-

* See "A Taxonomy of the Genus Camellia," Chang Hung Ta (Zhang Hongda). *The American Camellia Yearbook* — 1981, pp. 41-52, as reported by Dr. Bruce Bartholomew.

chid division, showed us the Garden's orchids and other plants. Dr. Lam knows Dr. Cheng and the Garden well and has routinely brought orchids from his collection and from the largest commercial orchid company, Stewart's Inc. of Los Angeles, to give to the Garden during his visits of China. It was raining when we visited the Botanical Garden. Nevertheless, I explored the Garden for camellias and came across several *Camellia chrysantha* in bloom which I photographed.

There are several "species" of *Camellia chrysantha* growing in the Botanical Garden.

The next city on our tour was Kunming which is located in the southwestern fringe of China at the base of a mountain range. Kunming is known as the Spring City in China because the climate is mild all year. Evidently, the climate here must be perfect for certain camellias since many species originated from this area and botanists still continue to discover and identify new species in this province (Yunnan). In addition to camellias, many orchids and tropical plants also grow natively in this region.

Dr. Zhang Aoluo, Vice-director of The Kunming Institute of Botany and Curator of The Kunming Botanical Garden, was kind enough to meet us at the airport. Without such hospitality it is not easy for a party of four to secure transportation to the hotel. Dr. Zhang assigned Miss Hu, a delightful lady who is an assistant at the Institute, to be our guide and hostess during our stay in Kunming. Similar to the South China Botanical Garden in Zuangzhou, Kunming Botanical Garden and Institute is also under the direct jurisdiction of the Chinese Academy of Sciences and is perhaps the leading center for botanical research in China. In addition to traditional studies such as taxonomy and hybridization, scientists at this Institute also employ very sophisticated modern techniques such as spectroscopy and nuclear magnetic resonance to identify active ingredients in certain commercially and medically important plants. The Institute is located about 15 kilometers outside Kunming, occupies hundreds of acres, and employs more than four hundred staff members.

Kunming was experiencing an unusual period of spring rain so we were limited in our outdoor activities. Most of the

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FIRST RELEASE TO CAMELLIA WORLD

Rare offer of a selection of Scions from 45 varieties received by University of California Botanical Garden, available now — Postage Prepaid, for these quantities:

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Golden Camellia

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Supply is limited, orders processed on first-come first-served basis — Payment required with order! All proceeds to be used for substantial outlays, any excess for further research projects as in the past.

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blooms were damaged or had fallen and I would estimate only 5% had flowers. We visited the camellia forest, with its hundreds of large camellia trees, in the morning and the propagation area in the afternoon. From the very large number of tags hanging in the trees, it is evident that Dr. Zhang and his associates are very active in camellia hybridizations. Of course the propagation site was the most interesting and restricted (under lock and key) area. The propagation area had many seedlings and grafts in various stages. I would estimate there were several hundred new grafts with glass covers on them. We saw numerous seedlings and some in bloom. Many of the grafts were in plastic covered hot beds 3' x 3' x 50'. Our only discussion of hybridization centered around the first generation of crosses between *C. chrysantha* and *C. reticulatas*. Dr. Zhang expressed some disappointment with their first generation crosses. The blooms were generally small and either red or white with rolled petals, a trait of *C. chrysantha* blooms. Blooms of F2 crosses may well produce different colors and forms. At the propagation area Dr. Zhang also pointed out to us numerous interesting camellia species. Some of them have fragrant flowers or

other desirable characteristics. Additionally, we also saw some new species that have been collected in the wild recently. Two large *C. reticulata* camellias being used as seed parents (names unknown) were heavily tagged. These reminded me of the X5 plant Frank Pursel used — looked like a Christmas tree.

Late in the afternoon, we went to an ancient temple at Black Dragon Pool, which is several kilometers from the Institute, where we saw two 500 year old Camellia trees still in bloom and a number of younger trees.

In spite of the great excitement of meeting the leading camellia horticulturists in China and visiting the region where many camellias originated, when I recall how little information about camellias I had obtained, I am disappointed that we did not extend our stay in Kunming. A one- to two-week stay at the Kunming Botanical Garden and Institute, especially between January and March, would certainly be more appropriate for a serious camellia enthusiast. This may be feasible since there are modern facilities such as Western style guest houses for overseas visitors to the Institute. In addition, although most employees speak little English, this situation

is fast improving as many of them are learning English in formal classes six mornings a week. Although careful and precise plans have to be made many months in advance for such visits, they may be well worth the efforts.

We only spent one day at the Institute. The second day was spent sight-seeing the famous Stone Forest, an area covering thousands of acres about 3 hours' drive from Kunming. During this trip, we also saw miles and miles of lush vegetable fields, flowering trees, and the exquisitely beautiful scenery of this part of China.

Our flight to Xian was to depart at 9:30 a.m. of our 3rd day in Kunming. It was delayed until 3:00 p.m. because of poor weather conditions, so we returned to the Institute. Lucky we did for Dr. Zhang and his wife Dr. Xia Lifang, one of the pioneers in modern camellia hybridizations in China, gave us their new camellia book entitled *Camellias of Yunnan* that they had received from the publisher that morning. Other gifts were exchanged and we were delighted with ours.

In Xian, Dr. Wang Shiujin, a Professor of Ophthalmology at Xian Medical College who recently spent a year in the United States; his wife, who is also an ophthalmologist; and their children were our hosts. Bertha and I have never been received more graciously. Dr. Wang has four children. Three of them are in medical school and one in high school. The whole family acted as our guides and hosts during the stay. We saw the usual sites at the Qin Tomb, a Cloisonne factory, museums, and several temples.

We spent 5 days in Beijing, Peking visiting the usual tourist sites such as the Imperial Palace, Summer Palace, Great Wall, the Temple of Heaven, and the Lamar Temple.

Our final 3 days were spent in Hong Kong shopping. We found that it compared favorably with Houston, Dallas, Atlanta, San Francisco, and Los Angeles. The city is very progressive, capitalistic, and beautiful. However, I do not recommend that you take your wife. Mine went overboard in the shops.

From the Desk of the Executive Secretary/Editor

It is September 15th as we write this regular article. Buds are beginning to swell and, hopefully, the sap will be rising in both the camellias and the camellia growers.

We have had a very hectic summer; much of the time was spent in cleaning up the gardens after the two serious ice storms. Things are beginning to look up and we eagerly look forward to the arrival of Betty Hotchkiss, our new Horticulturist, who arrives on October 15th — prior to the time that you will have received this. She is planning to attend the convention at Longwood/Winterthur so that she can meet all members of the Board and those members of the Society who are fortunate enough to attend this meeting.

Since our last issue we have received one new Life Member to the ACS; it is Mr. Tetsutaro Ohi, Tokyo, Japan. During the same period we were saddened by the deaths of five of our Life Members — Mr. Alison Parsons, Mrs. S. L. Marbury, Mr. John N. Sewell, Dr. James Dickson and Mr. Owen D. Edge. We are approximately 200 Life Members ahead of when we started the campaign a few years ago. We may be dreaming, but we eventually hope to raise our Life Membership to 500. We presently have 276.

Our Membership Chairman and her committee will begin an extremely active recruiting campaign this fall. We hope that every member will participate in obtaining new members. Have you asked anyone recently to join ACS? Have you asked yourself the question, "Where would ACS membership be if it relied upon the efforts that I have made?" Do you know that the American Boxwood Society is asking each one of its members to bring in FIVE NEW MEMBERS! Since we have had the best blooming season in two or more decades, now is really the time to make a concerted effort to obtain new members for your local societies and the ACS.

On a hot, sunny day in September, it seems strange to say "MERRY CHRISTMAS AND HAPPY NEW YEAR" from your staff at Massee Lane.

New Camellia Christmas Gifts

We are now most pleased to offer to our members and friends and to the general public a new line of camellia gifts and prizes. These items are made exclusively for the American Camellia Society and were made available to us by Mr. and Mrs. Harold Friedman of Quality House of Atlanta, Inc. Those few people who have come by the Headquarters and have seen the items have been quite ecstatic about them. We have had a fair amount of sales prior to this general announcement.

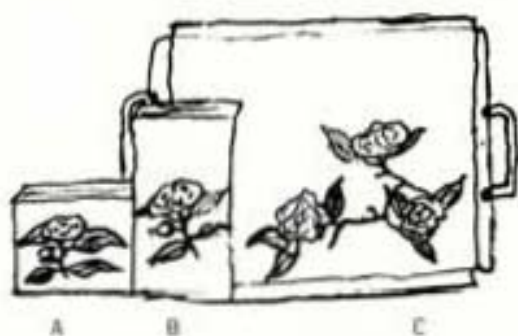
As you will notice on the facing page you will see the colored pictures of most of the items that we have from this outstanding company, Quality House of Atlanta, Inc. The tray, item D, can come packed in a box with four of the executive or double cocktail glasses for \$32.50. The other prices are all self-explanatory.

We can either carry them to shows or conventions where we are going, if a firm order has been placed ahead of time; or we can ship them at the buyer's expense. The actual cost of postage and handling will be billed at the time of mailing. There will, of course, be no charge for personally bringing them to the buyer.

These items will make excellent gifts for Christmas. Just send us your list and order and addresses to whom to send and we shall wrap them and send them. You will be separately billed for the postage and handling — not the lucky people to whom you will be sending these fine gifts.

The white tiles with the red camellia are most attractive and priced very modestly, as you can see. The coasters, not shown, are a "crinkly" lucite with the camellia silk screened underneath the coaster which shows through very beautifully. They have their own lucite stand and sit up with all six in the stand.

Send your orders or requests for further information to Ways & Means, American Camellia Society, P. O. Box 1217, Fort Valley, GA 31030.



NEW CAMELLIA GIFTS

A — Cocktail napkins, 50 per pack	\$ 3.00
B — Hand towels or dinner napkins, 40 per pack	\$ 3.50
C — Lucite Tray, 13½" x 17½"	\$32.50
D — Lucite Tray, 6" x 15"	\$17.50
E — Tumbler, hiball glass	\$ 5.00
F — Executive Glass, Double Cocktail	\$ 5.00
A set of the D Lucite Tray and Four Executive Glasses	\$32.50
Not Shown: Tile, white with camellia 6" x 6"	\$ 5.00
Lucite Coasters with camellia-six in case	\$10.00

(Details on Facing Page)

All Prices FOB Fort Valley. Cost of postage will be billed.

The Camellia Journal

WORLD'S LARGEST PUBLICATION DEVOTED TO THE GENUS CAMELLIA

Volume 35

Number 4

November, 1983

SUPER COOKBOOK

Head Table Cooks, the award winning name of the cookbook by The American Camellia Society was given to us by the late Charles C. Mason of Norfolk, Virginia.

The book contains 825 fabulous recipes sent to us by more than 350 cooks from many States of our Union and from the People's Republic of China, Japan, New Zealand, Australia, South Africa, Argentina, France, Mexico. The recipes reflect the cooking of all of the major areas of the U.S. and the rest of the World.

You can plan a full meal from the eleven menus that are accompanied by pen-and-ink drawings of homes, poolsides, patios and an interior done by James McCoy. The menus start with drinks and go on through desserts and coffees. They reflect a breakfast, a banquet, a brunch, a poolside luncheon, dinners, even a tea and buffet lunches and cocktail buffets. You will also find helpful hints and substitutions.

From a light snack to a heavy dinner, recipes for all of the makings are found in this attractive and truly helpful cookbook.

You can order your book NOW for the earliest delivery. We have them to send for your Christmas gifts or Wedding gifts. You can order for yourself and include your gift list and we will send the books directly from Masee Lane.

The book has hard covers and is spiral bound for your convenience when cooking.

The cost of this book is only \$10.00 plus \$2.50 for postage and handling for MEMBERS ONLY. (Georgia residents add \$.40 sales tax per book ordered.) For others, the cost is \$12.50 plus \$2.50 for postage and handling (Georgia residents add \$.50 sales tax per book ordered).

You can send your check or money order to Cookbook, The American Camellia Society, P.O. Box 1217, Fort Valley, Georgia 31030.

Reviews in various newspapers and TV in Georgia, South Carolina, Tennessee, Mississippi, Louisiana have been outstanding. *Macon Telegraph* calls it "an exciting new cookbook"; *Aiken Standard* says it "is a dandy cookbook," the *Chattanooga News-Free Press* in displaying a picture of the cover calls it "a wonderful new cookbook with a collection of recipes from around the world . . ."; the *Daily Sentry-News* of Slidell highlights the sketches by Jim McCoy and the recipes as

Head Table Cooks



American Camellia Society

probably the best there are; the *Jackson Daily News* with a color drawing of camellias in a vase, highlights not only the recipes but the menus, helpful hints and substitutions and points out that 115 recipes from 61 Mississippians from 18 Mississippi towns are included. The article in it and the Brookhaven newspaper were inspired by F. F. Becker II, the ACS Director from Mississippi. The *Albany Sunday Herald* writes, "What new cookbook has just about everything, traditional recipes, new versions of family ones, menus and beauty? Answer: Head Table Cooks . . ." *Fort Valley Leader-Tribune* says "Head Table Cooks is a collector's item," and that it is "fabulous."