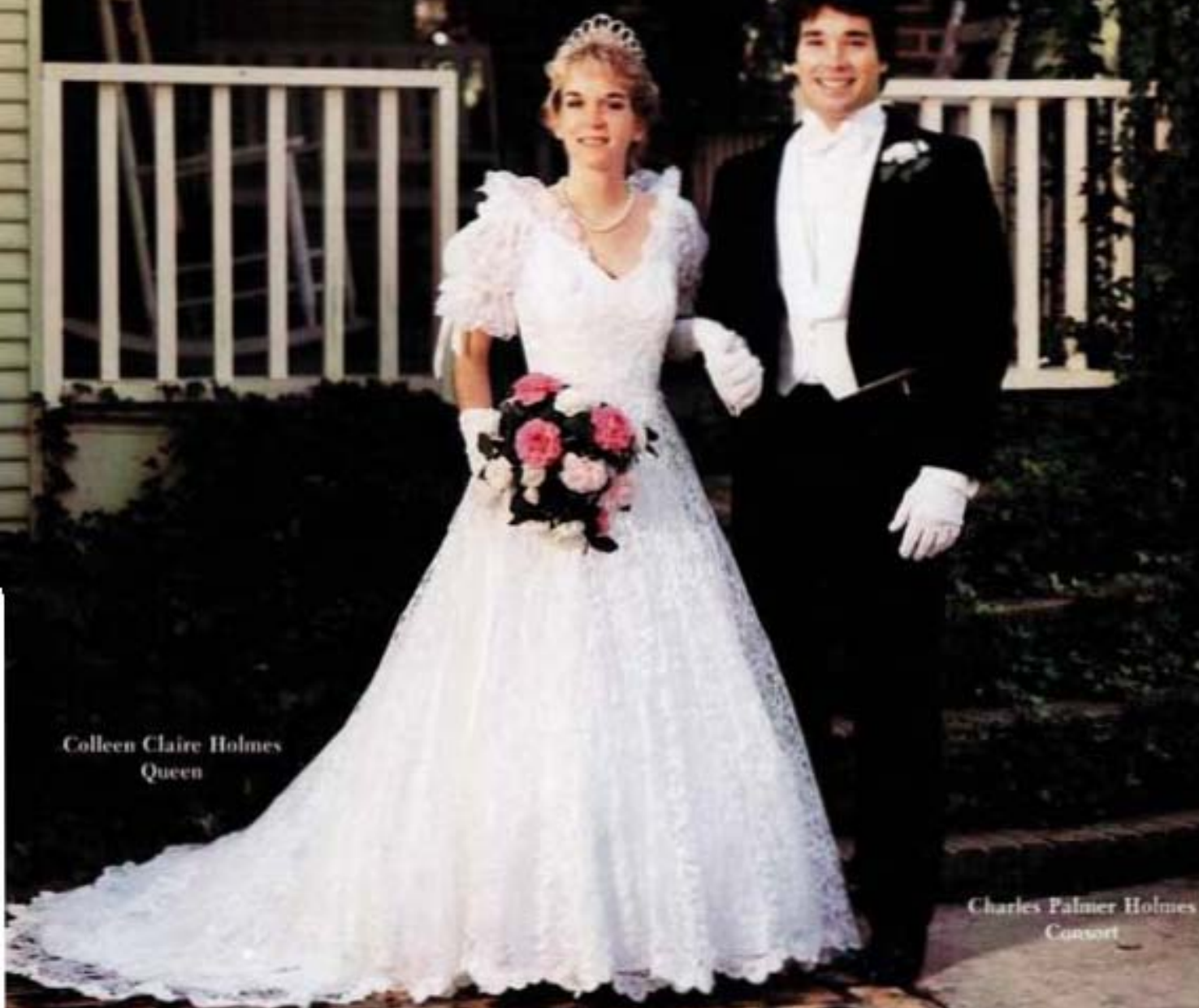


The *Camellia* Journal



Colleen Claire Holmes
Queen

Charles Palmer Holmes
Consort

AN OFFICIAL PUBLICATION OF THE AMERICAN CAMELLIA SOCIETY
VOL. 41, NO. 2 PRICE \$2.00 MAY, 1986

President's Message



G. F. ("AB") ABENDROTH

G. F. ('AB') Abendroth

At the time of this writing, Brownie has just passed away and it is very hard for me to put my thoughts together and write a president's message. This is a tremendous loss to all of us, and especially to ACS. Things will never be the same at ACS. For our society to continue functioning, we must all pledge to put forth more effort and give of our talents, time and resources to see that Brownie's dreams for ACS are carried out. All of you know ACS was Brownie's life. Our hearts go out to Ann, and we will help her any way we can.

The 41st Annual Convention in Norfolk was a great success. Many good reports were presented by our committees, officers, and directors. The Long Range Planning Committee recommended that the annual dues be increased and, after much discussion, the Board of Directors voted to increase the dues as follows:

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	Single	Joint	Single	Joint
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Mrs. Fred (Ann) Lee
- Slidell:**
William C. Probst
Mrs. William C. (Joyce) Probst

TEXAS

- Richardson:**
E. Ray Bond (Nov.)

—ACS—

Again, with Brownie's absence, Betty Hotchkiss and Jean Comber were very helpful in furnishing data and keeping records of the meetings.

Bob Sansing gave a brief outline of the agenda for the Fall meeting to be held in Pensacola on November 6-8, 1986 and invited everyone to attend and take part. Vera Parker invited everyone to Portland, Oregon, for the Annual Convention on April 2-5, 1987.

We are extremely fortunate to have Annabelle Fetterman as President-Elect. She is most qualified and I know she will follow through on the great plans and activities we have for ACS. With her talent, many improvements will be forthcoming during her two-year term. I have assured Annabelle that I will help her whenever possible and would ask all ACS members to do the same.

See you in Pensacola.

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Milton Henry Brown

January 9, 1916-April 9, 1986

A great camellia man, a great Christian, has left us for better fields. He is the richer as he rests with the Father. Those of us who have known him in the camellia world and in his church are poorer — far poorer in the sense we will miss his leadership, his work, his smile, and his companionship, but he has so contributed to each of us that we are all richer for having known him and benefited from the great qualities that were his.

Last fall, just after he completed plans for the Houston meeting of ACS, Brownie had open heart surgery. He recovered and was getting his strength back, planning to reactivate the 40th An-

niversary Campaign and lead it to the goal of which he had dreamed and toward which he had planned and worked so hard. But he was not to live to complete his plan. After finalizing arrangements for the Norfolk convention, he developed an aneurism. Dr. Nathan sent him to Birmingham where a great surgeon repaired the damage. First reports were good. He was recovering, and his camellia friends in Norfolk were cheered by the news. When another aneurism developed, the doctors made every effort but it was not to be. On April 9, 1986, Brownie was called to a better world where there is no pain or sorrow or trial.

Someday we will see him again as we also move on to that great place described in Revelations where we will all be together in the presence of God.

Brownie came to ACS in 1973 and since that time he and Ann have, in a very real sense, been ACS. His dreams and plans weren't complete, but he has drawn the map and set the goal. We will miss him and his leadership, but the ACS will go forward. The 40th Anniversary Campaign will achieve his dream of financial strength and stability so it can help the flower he loved conquer dieback and petal blight and cold. He worked for us, and he will want us to carry on his work.

So, let us thank God for the blessing he gave us in Milton Brown, pick up where Brownie left off, and move forward to accomplish what he would want us to do for ACS and for the camellias and people he loved.

Awards Presented to ACS Members at Norfolk

Clifford Parks Honored

The designation of FELLOW is bestowed on a person who has been recognized as having made substantial and new contributions to scientific knowledge in the culture, care, and knowledge of camellias or in the development of outstanding camellia clones or hybrids or similar advances in camellia culture.

Dr. Clifford R. Parks was awarded this high honor at the ACS Annual Meeting in Norfolk April 6, 1986. Dr. Parks has been devoted to several areas of scientific research on camellias for many years.

Dr. Parks began his work on camellias at the Los Angeles State and County Arboretum. While in California he did considerable research and developed the world-renown camellia 'Dr. Clifford Parks.'

Since leaving California, Dr. Parks has served as a Professor of Botany at the University of North Carolina at Chapel Hill. Much of his time and effort has been spent researching cold hardiness of *C. japonica* varieties. He has traveled extensively in Japan and has been instrumental in bringing new species and varieties of camellias to the United States.

Dr. Parks was one of the first hybridizers to begin work with the yellow camellia, *C. chrysantha*. He received pollen from Japan and made many crosses in 1984-85.

For many years he has been a consistent contributor of articles to the ACS Yearbook and has participated on panels for three ACS conventions.

William F. Mann

Awarded Bronze Plaque

The Bronze Plaque is awarded for outstanding contributions to the advancement and welfare of the American Camellia Society. This award was presented to W. F. (Bill) Mann of Shreveport, LA at the recent ACS Convention in Norfolk, VA.

Bill has been a member of ACS since 1969 and became a life member in 1975.

He has held various offices in ACS and is presently serving on the Board of Directors of the Endowment Fund and as Louisiana State Director on the Governing Board.

Since becoming a member of ACS, Bill has given generously of his time, talents, and money. Most recently he is serving as Gulf Coast Co-Chairman for the 40th Anniversary Campaign. He has donated generously to ACS and is a member of the President's Club. He also recently has given the beautiful Florentine fountain in the formal garden at Massee Lane and a truck for use in maintenance of the garden.

Bill is an avid camellia grower and judge and attends many shows every year. He has also encouraged many people to grow camellias by giving away plants and flowers regularly. Bill is a regular attendant at ACS meetings throughout the country.

Certificate of Commendation Presented to Jean Comber

Jean Comber of Pensacola, FL was awarded the American Camellia Society Certificate of Commendation at the banquet concluding the annual meeting in Norfolk, VA. This award was presented by Bob Sansing in recognition of Mrs. Comber's many contributions to the American Camellia Society.

Mrs. Comber has been active in all levels of ACS, regional, and local camellia societies for many years. She was awarded a Life Membership in ACS in 1981 by a group of members.

Jean has served on various committees of the ACS. She has been an active member of the Ways and Means Committee and worked hard to help produce *Head Table Cooks*, the fine cookbook produced and sold by ACS.

Mrs. Comber has generously donated her time and talents to ACS by attending ACS conventions and by taking the minutes of the Board meetings for many years.

Col. (Ret.) Edward L. Atkins of Shalimar, FL was appointed by the Board in Norfolk as Florida Director to fill the unexpired term of Dr. Asa Barnes. Colonel Atkins has been very active in the Fort Walton Camellia Club serving in many leadership positions. He is a Past President of the Gulf Coast Camellia Society and is a Director of the Atlantic Coast Camellia Society.

He is an active member of ACS and has served as a member of the ACS Illeges Award Committee. He is an accredited ACS judge and attends ACS meetings.

—ACS—

Kern County Hosts 34th Annual Show

The 34th Annual Show of the Camellia Society of Kern County was a resounding success. There were 1,467 individual blossoms displayed and 62 lovely arrangements. Well over 2,000 persons visited the show which was in the Cunningham Art Gallery, surrounded by the Aram Adams Memorial Camellia Gardens. Many friends came over the Tehachapi Mountains from southern California to join their friends in Bakersfield while another contingent drove south from Fresno.

Saturday evening, March 1, 68 members and visiting camellia friends enjoyed the Show Dinner at Bill Lee's Bamboo Chopsticks. A special menu had been arranged by Arlene Chow. Sunday morning 75 gathered for breakfast at Lee and Arlene Chow's lovely home. This was co-hosted by Jackie and Richard Stiern. The meal was prepared by Beverly Dukes with the help of Fred Dukes and Helen Barber. As one of our southern California friends said, "When you come to southern California for the various shows it is to share camellias. When we come to Bakersfield it is to eat gourmet meals and share camellias!"

Now the planning is already underway for the 35th Show the first weekend of March in 1987 when Bakersfield's hospitality will again welcome you.

Fred Dukes

The *Camellia* Journal

WORLD'S LARGEST PUBLICATION DEVOTED TO THE GENUS CAMELLIA

Volume 41

Number 2

May, 1986

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Letters

to the

Editor

Letter to the Editor:

At the Annual Camellia Show of the Tidewater Camellia Club of Wilmington, North Carolina on February 22nd, a most unusual event occurred. Several of the "old timer" judges advised that in their long careers at judging, this was the first time that they could recall that the bloom that won the "Best in the Show" received a unanimous vote from *all* eligible judges on the *first* ballot. There were sixteen judges voting, and it received sixteen votes!

The flower was a 'Nuccio's Ruby Var.', exhibited by Joe Austin of Four Oaks, North Carolina. Joe advises that this was variegated in his greenhouse, using 'King Lear' for virus.

Since this was an unusual event, I was asked to give you this information for your "Believe It or Not" column.

Kindest regards,
Carl M. Allen, Jr.
Chairman of Judges
1812 South Live Oak Parkway
Wilmington, NC 28403

Letter to the Editor:

About 9 years ago I wrote to you, asking you to help me locate the camellia 'Extravaganza.' You were kind enough to recommend a couple of nurseries and I did purchase one from Nuccio's. Since then I have purchased several others from the same nursery.

Once again I am asking for your help. I attended a camellia show in Portland, Oregon and fell in love with four or five — but when I asked members present where these camellias could be purchased, there were no suppliers to be found and are not available from Nuccio's or Floralan in Oregon.

It is very frustrating to want to buy plants and not be able to find a source to purchase them.

The camellias are not new and won awards at the show, which makes me wonder why there are not more available.

If you could help me to locate 'Coral Pink Lotus,' 'Brigadoon' and 'Leonard Messel,' I would be most appreciative.

Thank you for your past help.

Respectfully,
Donna Oehler
1539 Lakewood Lane
Bellingham, WA 98226

Letter to the Editor:

I would like to discuss the question posed by Betty Hotchkiss, "Are grafted plants more susceptible to cold or was it just that the upper portion of the plant was killed while the lower portion survived?"

I think there are always logical answers to such questions, but sometimes they are not easy to find. In this case one would need to know what stock was used. If for example a reticulata was grafted on oleifera stock the stock would be much hardier, and this would explain why only the lower portion survived. But if japonica was grafted on sasanqua the stock would be more tender and likely to perish in cold weather. The japonica top growth would survive the cold, but would be lost because the sasanqua stock had died. There is no reason why the grafting itself should affect the hardiness of camellias.

Another important factor during cold weather is the presence or absence of snow. While snow can cause damage to evergreen trees by the weight breaking branches, from which the snow should be dislodged as it accumulates, there is no doubt that a covering of snow protects plants from severe cold, especially cold winds. We all know how an igloo hastily constructed of snow protects Eskimos from arctic blizzards.

I had two interesting experiences of this. In the hills near Niigata, northern Japan, up to ten feet of snow was lying everywhere and no camellias could be seen, although there were hundreds of natural plants of *Camellia rusticana* in

the area. Very heavy snow comes across the Sea of Japan from the very cold land mass of northern China, and obliterates everything except tall trees. Japanese friends dug down with shovels and uncovered the camellias, which were in perfect condition under the snow, with buds showing colour and waiting to open immediately after the snow melted. It must be wonderful to see those beautiful flowers against a background of pure white snow. Anyone with a more or less maritime climate, suffering from heavy snowfalls, should grow *C. rusticana*, of which there are many beautiful varieties in the Niigata province. Notwithstanding this peculiar adaptation of *C. rusticana*, it is not as hardy as *C. japonica* and will not withstand freezing winds so well. It has flexible branches which bend instead of breaking under the weight of the snow, and it is much loved by the Japanese. They admire the way it quietly submits in adversity, and patiently awaits the day of resurrection.

In England I had collected the Wilson Fifty Kurume azaleas, and we had a very severe spell of cold weather in 1962/3. Half buried in snow, the tops of the azaleas were completely killed by the cold, and I assumed they were all dead. But when the snow melted I found that the lower parts of the azaleas were green and healthy. From this it follows that in severe weather a small plant could be saved by covering it with snow. The snow also prevents desiccation of the plant, often a cause of death in cold weather, as the roots cannot draw moisture from frozen ground.

At Fern Valley in South Africa we have no frost or snow in our subtropical climate, but we experience hot sun. But this is tempered by our altitude of 1800 feet and our proximity to the sea, only 12 miles away. We are able to grow any species or hybrid of camellia, most in full sun, and there is no day in the year on which we have no camellia flowers. Japonicas are better for half shade, and two of our tropical species, oddly enough, prefer 70% shade. They are *C. chrysantha* and *C. hongkongensis* from South China.

I would like to support James Randall's contention that plants cannot be burned by watering them in direct sunlight. On the contrary they can be saved from cer-

tain death by the immediate application of water to the foliage. This misapprehension arose from the fact that foliage which has just been killed by the sun is not seen to be dead at the time, it turns brown later. Gardeners who have watered green foliage in sunlight have seen it turn brown later, and assumed that the water burned the plant, whereas what really happened was that they had watered the plant too late, after it was already burned.

He also mentioned burning of buds and new leaves under 43 per cent shade cloth. I do not know whether this means 43 per cent shade or 43 per cent sunlight, but either way one has to be careful with shade cloth as the manufacturer's specification may be wrong. I used 50% shade cloth for our propagating house, and thought that not enough sunshine was being excluded, so I tested it with a light meter, and found that only 25% was being excluded. I used another sheet on top of the first shade cloth, and obtained the required 50%. In my opinion 50% shade would be a minimum requirement in Sacramento and 60% would be better. One must remember that camellias in a natural habitat grow under trees, and they are not found in areas which are as dry as California.

Yours sincerely,
Leslie Riggall
Igwebaba Road
Kloff 3610, South Africa

The Condor Has Landed

The Boehm porcelain California Condor, a life-sized replica of North America's largest flying land bird, was purchased by Mr. & Mrs. Otis Gunn of Hilton Head, South Carolina and is presently on loan to the American Camellia Society. It is housed in the Stevens-Taylor Gallery of Boehm Porcelains.

The California Condor is near extinction with only five known to be left in the wild. The sale of the porcelain condor will aid preservation efforts for the bird. Half of the proceeds will go to the San Diego Zoo for their condor fund.

The condor was created at the Boehm studios in Malvern, England and is the largest piece ever attempted. It and one other, which Boehm retained, were the only condors to be completed of a total of seven which they attempted. Because of their size and weight, the remaining five collapsed during the firing process.

The condor is made with 65 gallons of porcelain. It weighs 230 pounds and has a wing span of six feet.

You are invited to Masee Lane to see this magnificent piece of porcelain which is on loan from Mr. & Mrs. Gunn.

Boehm Collectors Guild Visits Masee Lane

The Boehm Collectors Guild, a group of some 150 collectors from 30 states, held its annual conference in Macon, Georgia, March 20-23. The conference was held in conjunction with the annual Macon Cherry Blossom Festival with attendees participating in many activities of the Festival. Helen Boehm was Grand Marshall of the parade opening the Festival on Saturday, March 15th.

On Saturday, March 22nd, the group visited the Headquarters of the American Camellia Society where they viewed the extensive Boehm collection of the ACS housed in the Stevens-Taylor Gallery and the ACS Headquarters building. Also on view were three new pieces of porcelain donated by the Edward Marshall Boehm Studios. These pieces, 'Chrysanthemum Petal' Camellia, 'Emmett Barnes' Camellia with bronze leaves, and 'Cherries Jubilee' Camellia, complete the ACS collection of Boehm porcelain camellias.

Mrs. Boehm described the ACS collection as "one of the most distinguished collections of porcelains to be found anywhere."

—ACS—

—ACS—

Concepts of Camellia Culture*

Judging the Landscape Camellia

By J. CARROLL REINERS

The true beauty of a camellia is not on a Show Table, it is only one of its manifestations. Single bloom exhibits do not reveal the esthetics of total plant performance for landscape usefulness; a trophy for a single bloom is not a testimonial for landscape quality. Many examples come to mind. Most memorable are 'Lady in Red' and 'Jesse Katz' which may produce superb blooms from miserable difficult to grow plants. 'Elegans Splendor,' 'Moonlight Bay' and the 'Tomorrow' family (Park Hill, Dawn, etc.) illustrate the many cultivars whose flowers hang

face down to present an unattractive landscape facade. I would never recommend 'Pink Dahlia,' 'Alba Plena,' 'Lila Naff,' 'Cornelian,' etc. whose blooms shatter and are scattered by the wind.

The flowers of most late blooming camellias are desiccated by warm dry weather — short lived, wilted, discolored, persistent, messy — and are a demerit in the landscape. Here are a few representative camellias which function above average in most landscapes: 'Monjisu,' 'Fashionata,' 'Kimberley,' 'Purity,' 'Debutante,' 'Royalty,' 'Mouchang,' 'Yours Truly,' 'Curtain Call,' selected Sasanquas, and lastly 'R. L. Wheeler' which is extraordinary.

* Taken from Camellia Society of Sacramento Bulletin, February, 1986.

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Ozone Camellia Show

RUDY KRIEGER

Camellia shows are hard to write about, I think. You work hard to try to come up with something original, a “catchy” beginning, as it were. That’s what I was doing (searching, I mean) when I came across these lines by William Blake:

The narrow bud opens her beauties to
The sun, and love runs in her thrilling
veins;
Blossoms hand round and brows of
morning, and
Flourish down the bright cheek of
modest eve,

It’s typical Romantic poetry, of course, except that it’s entitled “To Autumn” and it occurred to me upon reading it that Blake had to be talking about camellias, because what else blooms so late in the year? But, even if he wasn’t, he should have been, because the description certainly fits the camellia, especially the part about “the narrow bud opening her beauties to the sun.” I like the use of the plurality for beauty, because that’s what I think of when I go to a camellia show. There are so many varieties and so many unique creations within the same variety and you never really know what flower you will get from the bud until it opens and its “beauties” emerge. Every time I enter the auditorium where the Ozone Camellia Club Show is held, I have to stand a few moments, with mouth open, because the beauty of that room filled with camellias never fails to overwhelm me. But those frequenters of shows know what I’m talking about.

That brings up another point. Just how many ways can you say “beautiful” anyway? Roget’s lists thirteen synonyms for the word. About six could be applied to a camellia. There are all kinds of poetic

similes and metaphors. Almost every poet from antiquity has written something trying to capture the essence of beauty in words. But when all is said and done, no adjective, no poetic trope, no cliché can remotely compare to the flower itself. I suspect that that’s the real reason camellia growers grow the flower. It’s not the technical use of fertilizers, or the grafting, or the gibbing, or any of the other “scientific” reasons, but purely an esthetic one. The flower is beautiful.

Speaking of clichés, there’s another one which seems appropriate here: “beauty attracts beauty.” That’s another thing you find at camellias shows: “beautiful” people. Somehow there’s a quality inherent with growers of camellias which validates this old saying. In Slidell, “beautiful” people are of two varieties. First of all, the members of the Ozone Camellia Club itself. There are many people who spend many hours, often behind-the-scenes and with no recognition, to put together our camellia show. This year’s show committee chairpersons were: Barbara Nix, general show chairperson, and Pat Wilcox, Marilyn Faust, Lynn Holmes, Gardner Cole, Pat Kooney, and Gerry Kryzmowski, co-chairpersons. These and their various committee members formed the work force of the show.

The guest judges are the second group of “beautiful” people. Our show actually begins when the judges begin to arrive, bringing their own entries and also their expertise in camellia judging. There are various festivities planned just for them, as a kind of “thank you” for coming, beginning with the luncheon at the Geiser’s, the reception on Friday night, and Mineacapelli’s on Saturday. It’s fun (with a smattering of work in-between)

and is alive with laughter and good times, and the warm and giving personalities of the “beautiful” judges.

Then, of course, to get really corny, if you have all these beautiful people working together, and a beautiful product to display, how could you fail to produce a beautiful show? And we didn’t. Fail, that is. The show was one of our most successful. Mother Nature cooperated, blossoms were in abundance, and the crowds came to see them. The word seems to be out in Slidell, Louisiana’s Camellia City, that the show is a must-see. More and more flower lovers are making the show a part of their pre-Christmas activities.

The 35th Annual Ozone Camellia Show was dedicated to Milton H. “Brownie” Brown in appreciation and gratitude for his devotion to the ideals of the American Camellia Society and for being a representative of the true spirit of the Ozone Camellia Club. The dedicatory remarks were rendered by Dr. David Schiebert. Unfortunately, “Brownie” was unable to attend because of his recent surgery. He was missed by all who attended.

At 3:30 PM on Saturday, December 7, the Camellia Court was presented to the general public and the 1985 Queen of Camellias was crowned. The 1985 Queen was Colleen Claire Holmes. She was escorted by Consort Charles Palmer Holmes. They are the twin son and daughter of Lynn and Jim Holmes. The remainder of the court consisted of: Linda Charlene Hay, maid of honor; Raymond Alex Horvath, duke of honor; Rebecca Ann Richardson, Mary Elizabeth McDonald, and Natalie Elizabeth Dugas, honor maids; David Paul Dickey, Henry Hilton Gilley, Jr., and Christopher Laurence Sanders, honor dukes; Wallace

Wesley Barr, IV, and Charles Leake, crown bearers; and Angelina Eleise Rushing, attendant to the queen.

Maids were Gretchen Elizabeth Guth, Lesa Elizabeth Perkins, Gaylyn Elise Gayle, Megan Mary McHugh, Patricia Lynnette Folse, Terri Tweedel, Traci Lynn Doody, Kimberly Denese Dinjar, Jill Marie Morrison, Mary Elizabeth Bloom, Stephanie Jo Perez, Amy Elise Hubbell, Kathleen Susan Kastanek, and Melanie Kay Smart. Dukes were Chris Stigall Bell, Andrew Harvey Jobson, Dean Christopher Bagert, James Emmett Borchert, Sean Patrick Donnelly, Ken Edward Fogg, Andrew Jeffrey Gunther, Grant Wilkinson Curry, John Timoth Dennis, Douglas Samuel Dicke, John Wilson Laney, IV, Brian John Erwin, David Grant Simmons, and Daniel Ray Culpeper II.

The Artistic Arrangements division of the camellia show illustrated what happens when creativity meets beauty. The members of various garden clubs in the city used their talents in floral arranging in categories which starred the camellia in oriental settings, victorian motifs,

French designs, and a potpourri of American scenes. The chairpersons for the Artistic Arrangements for 1985 were Liz Soeller and Mimi Jackson. The winner of the creativity award was Pat Kooney of the Ozone Camellia Club and the Bayou Liberty Garden Club; the winner of the tricolor award was Mimi Jackson of the Coin du Lestin Garden Club. Other winners were: Section I: Tricolor. Class 1: First, Mimi Jackson; Second, Betty Dykes; Third, Loretta Favallora; and Honorable Mentions, Marge Kissinger and Val Erminger. Class 2: First, Harriet Mullen; Second, Joy Dunn; Third, Liz McHugh. Class 3: First, Penny Crawford; Second, Cricket Dunn; Third, Liz Soeller; Honorable Mentions, Lucille Hunter and Anna Moore. Section II: Creativity. Class 4: First, Gwen McDonald; Second, Ruth Guder; Third, Johnette Teague; Honorable Mentions, Ann Borchert and Mimi Jackson. Class 5: First, Pat Kooney; Second, Nancy Kennington; Third, Liz McHugh; Honorable Mentions, Harriet Mullen, Edith Miller, Virginia Ison, and Marcia Frank. Class 6: First, Nell Forstall; Second, Edith Miller;

Third, Anna Moore; Honorable Mention, Lorraine Borneo.

A personal note: Speaking of beautiful people, there was one who was conspicuously absent from the Ozone Camellia Show: Bea Rogers, who died during 1985. She was sadly missed. Then, since the show, we have lost to death our own Marge Geiser. I did not know Bea Rogers well, but what I knew, I liked and feel her loss. I did know Marge Geiser well and am devastated by her death. She was my friend, a neighbor, a joke-telling buddy, a dear lady. At our in-club show in January, Marge (as usual) won one of the prizes, a salad plate etched with a camellia in the center. She gave it to me. I laughed and I joked that she only felt sorry for me because I never won, and she laughed, too. But both of us knew that that was not her motive. She gave it to me because she wanted me to have it; she just loved to give. She was that way: giving, loving, caring. The Ozone Camellia Club, Slidell, the world — all are lessened somewhat by her death. She was a great lady.



Queen Colleen Claire Holmes and Consort Charles Palmer Holmes are flanked by the Royal Court at the Municipal Auditorium, Slidell, LA.

Norfolk Hosts Outstanding Meeting

The ACS Annual meeting in Norfolk left all who attended with wonderful memories of FUN, FELLOWSHIP, and FOOD! Old and new friends began gathering Wednesday at the Omni International Hotel, headquarters of the convention. Bob Matthews (Director of the Norfolk Botanical Gardens), his staff at the Botanical Gardens, and the home folks of Norfolk made everyone feel welcome.

One of the highlights of the meeting was the visit to the Norfolk Botanical Gardens. It is one of the largest and most beautiful municipal gardens in the United States. Following a delicious barbecue lunch, we toured the gardens by train enjoying the camellias in bloom as well as tulips, forsythia, and many more spring blooming trees and shrubs. Everyone wished they could return for the International Azalea Festival to be held later in April. Thousands of azaleas were heavily budded, waiting for the warmer weather to bloom.

The Thursday show was probably the last camellia show for this season for many attending the convention. There were blooms from all areas of the country with the majority from the northern areas of the camellia belt. There were, however, a few blooms brought all the way from Florida. Winning the best overall bloom in the show was 'Valentine Day Var.', a beautiful bloom of Mr. and Mrs. Ira E. Hefner.

Thursday night a 3 hour cruise was held on board the *New Spirit*. As we cruised around the city we were entertained by our talented waiters and waitresses. Some of our own members got "into the act" with Dave Scheibert, Hulyn Smith, and Peter Disclafani entertaining passengers with their rendition of "Baby Face."

Friday morning was the educational program moderated by Betty Hotchkiss. The topic was "Breeding for Better Camellias" with talks given by Dr. Bill Ackerman on breeding for fragrance and cold hardiness and by Dr. Clifford Parks on breeding for yellow camellias. Every-

one was interested in these flowers of the future.

At the Saturday night banquet there were announcements made concerning what had been accomplished by the Officers, Directors, and Board Members at their meetings. Awards were given rec-

ognizing outstanding contributions to ACS by Mrs. Jean Comber, W. F. Mann, and Dr. Clifford Parks. An excellent dinner of prime rib was made more enjoyable by musical entertainment. It was a wonderful finale to an enjoyable convention.

ACS

Highlights of Minutes of the ACS Governing Board and Endowment Fund Board of Directors — Norfolk, Virginia

The American Camellia Society Governing Board and the Board of Directors of the Endowment Fund met April 3-5, 1986 in Norfolk, VA. President G. F. Abendroth served as Chairman of the Governing Board. Chairman of the Board of Directors of the Endowment Fund, G. Stuart Watson, presided at the meetings of the Endowment Fund.

President Abendroth reminded all State Directors and Officers that written reports of their activities should be turned in to the President and Executive Director before the meetings.

A report was read from Henry Lunsford, Convention Chairman. Firm dates for the Fall 1986 and Spring 1987 meetings were announced and can be seen elsewhere in this issue. Clubs were encouraged to host future meetings.

A report was read from Ways and Means Chairmen Mr. and Mrs. Boyd C. McRee. They encouraged local societies to sell merchandise from ACS on consignment. This has been very successful in Conroe, TX and Sacramento, CA.

Exhibition and Awards Chairman Roy Stringfellow offered the following amendment, "The American Camellia Society awards, with the exception of the National Hall of Fame, can be given to any camellia variety that has been commercially distributed not less than five years and that fits the requirements of each of the individual awards. If the flower was originated after 1945, however, that variety must have been approved by the Varietal Registration Committee and thus registered with

ACS." The amendment was unanimously approved by the Board.

Judge Paul Harkey made a motion that dues be increased for 1987. After much discussion the following dues were set for 1987:

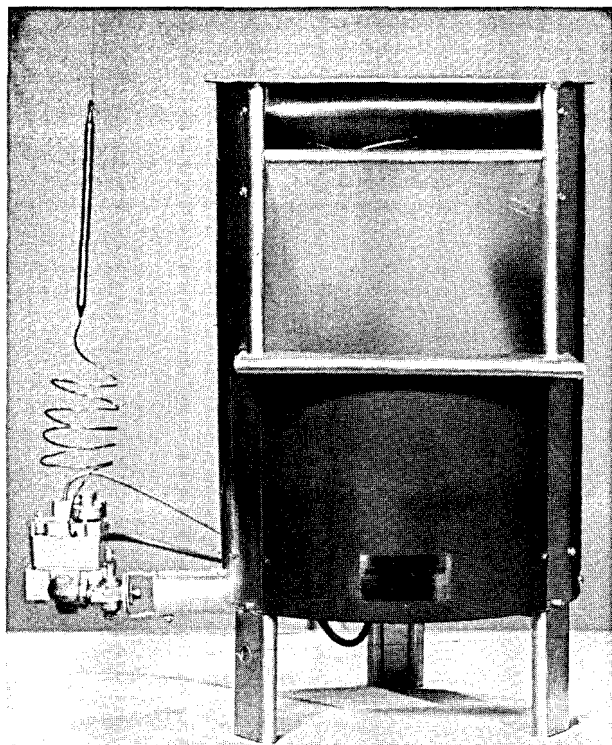
Single member, \$15.00
Joint member, \$17.50
Sustaining (single or joint),
\$30.00 or more
Life
Single, \$300.00
Joint, \$350.00
Patron, \$100.00 or more annually

Mrs. L. M. (Annabelle) Fetterman was elected by the Board to take office as President of ACS at the annual meeting in Portland, Oregon, April 1987. Alfus Johnson and Alfred Gamper were re-elected as Vice Presidents of the Gulf Coast and Pacific Coast respectively. Kathryn Allen was elected Vice President of the Atlantic Coast.



Mrs. G. F. Abendroth assists Mr. and Mrs. Bob Matthews in registering delegates at the ACS convention in Norfolk. Many thanks to Bob for his outstanding job in spearheading this convention. (Photo by Greg Davis)

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ACS Governing Board hard at work in Norfolk. (Photo by Greg Davis)



Everyone enjoyed the dinner cruise on the "New Spirit" at the ACS convention in Norfolk. L — R: Dr. Emil Carroll, Mrs. Alfus Johnson, Dr. Peter Disclafani, Mrs. Emil Carroll, and Milton Schmidt. (Photo by Greg Davis)



Judges and club members work hard to pick the winners at the 1985 Slidell Show.

Dr. Luther Baxter, Chairman of the Research Committee, reported on his work with canker and dieback of camellias. Dr. William Ackerman reported on his work with cold hardiness. He stated that the grant from ACS was used to help purchase necessary supplies now that he was retired and did his research from his house.

Betty Hotchkiss described her work as Horticulturist for ACS.

Bill Ackerman stated that there was a collection of Japanese camellia varieties at the U.S.D.A. Glendale Station that was to be disposed of. A motion was made to pay for transportation of these plants to Masee Lane. It was also approved that these plants might be shared with the Sacramento Camellia Society, should they so desire.

Alfus Johnson reported on the 40th Anniversary Campaign. He stated that

80% of the funds received or pledged have come from the Officers and Directors and that the general membership needs to be encouraged to participate. Foundations will also be approached in the coming months by chairmen of the campaign.

The minutes of the meetings will be available for anyone to read at the meeting in Pensacola or at anytime at Headquarters.

Another Year of Progress at Massee Lane*

By MILTON H. BROWN

The year 1985 saw considerable progress at the Headquarters, historic Massee Lane, of the American Camellia Society.

1985 saw the 40th anniversary of the American Camellia Society which was founded in the old Dempsey Hotel in Macon on September 29, 1945. The founding officers included well-known people from Fort Valley, Macon and elsewhere in Georgia as well as people from a few of the other camellia-growing states.

Looking back over the past 40 years and ahead at the next 40 years, the President appointed a fund raising committee which met at Massee Lane on March 29. The 40th Anniversary Campaign Fund was established then with a goal of raising two million dollars with pledges being made over two years and being able to be paid over a period of five years. An active committee headed by Vice President Alfus O. Johnson of Texas and which contains several members from Middle Georgia was formed to oversee the successful conclusion of this fund-raising campaign. By the end of 1985, over one-half million dollars had been given already, either in the form of cash or securities and pledges. It is hoped that the people of Middle Georgia especially, and the rest of Georgia as well, will contribute sufficient funds for the proposed museum and educational building. Most of the money pledged so far has been designated for research of various sorts. Persons wishing to contribute to this campaign, which will be a tremendous asset to Middle Georgia and especially Fort Valley, Peach County, and neighboring Macon and Bibb Counties, may do so by contacting the American Camellia Society, P.O. Box 1217, Fort Valley, Ga 31030, Phone — (912) 967-2358. All gifts to the American Camellia Society and the American Camellia Society Endowment Fund are tax exempt since both have been designated by the IRS as char-

itable, educational, and scientific organizations under IRS Code 501(c)(3). The active campaign will terminate in approximately the same month the Executive Director, Milton H. Brown, will retire — June 30, 1987.

One aspect of the 40th Anniversary

Campaign is to establish two new gardens in conjunction with the extensive camellia gardens. On June 15, 1985, there was a ceremony at Massee Lane dedicating and opening the Rose Garden which was donated by Dr. C. David Scheibert of Nashville, Tennessee. The

40th Anniversary Campaign

The 40th Anniversary Campaign continues to move ahead though very slowly during the first months of 1986. Some of you have already paid your 1986 pledge for which the Committee is very grateful. Camellia societies and clubs continue to support the campaign with their donations and pledges.

The Campaign Committee met at the ACS Convention in Norfolk, Virginia in April. Plans were made to move ahead in contacting foundations and corporations for donations.

However, due to the illness and death of Milton H. Brown the campaign has not been progressing as it would have. Therefore, the time for the campaign has been extended and we hope to get it back in full swing as soon as possible. Meanwhile the needs are even greater than before and the Campaign Committee urges all ACS members to send in a generous pledge to be paid over a 5-year period. We are attaching a pledge card below for you to fill out and return to: 40th Anniversary Campaign, American Camellia Society, P. O. Box 1217, Fort Valley, GA 31030.

American Camellia Society

PLEDGE CARD

Date _____

I pledge \$ _____ to the 1985-86 Fund Raising Campaign to be paid as follows:

1985 \$ _____	1988 \$ _____
1986 \$ _____	1989 \$ _____
1987 \$ _____	TOTAL \$ _____

I have designated \$ _____ in my Last Will and Testament.

My gift is undesignated ☐

or designated for _____

(Signature)

* From the *Leader Tribune*, January 29, 1986.



Proud winner Thomas Perkins, Brookhaven, MS, displays 40th Anniversary Painting donated by artist Genell Boozer. Proceeds from this painting went to the 40th Anniversary Campaign. (Photo by Greg Davis)

President of the Society, G. F. Abendroth of Shreveport, Louisiana, contributed almost \$50,000.00 for a Japanese Garden which will honor members of his family. The planning for this outstanding Japanese Garden was begun in 1985 and the garden will be constructed in the early months of this year. This will be a traditional and accurate Japanese Garden complete with running water, various shrubbery, walkways and even the Japanese koi fish swimming in the pool. There will, of course, be several camellia plants and especially four of the variety 'Rachel Tarpy' who is the granddaughter of Mr. and Mrs. G. F. Abendroth.

The "Antarctic Express" which brought in below zero temperatures caused extensive damage to many of the camellia plants. This required extensive pruning and cleaning of the gardens which was assisted by Phil Bowden of Fort Valley and Sam Rumph of Marshallville, who worked all summer with the regular gardeners. We had received a small grant to assist us in this work. In addition to the extensive pruning some 300 new camellia plants were integrated into the garden along with many azaleas and other plant life.

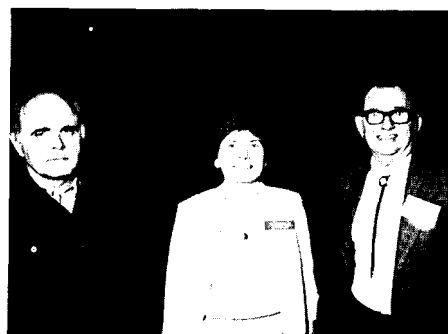
The Society had its 40th Anniversary Annual Meeting in Houston in November. People attended from Oregon to California to Florida to Virginia. At this meeting, W. C. Wyatt (recently reported as "The Man For All Seasons") was elected Treasurer for the Society. He is only the fourth such person to hold this job in the 40 years. He succeeds Dr. Earl

Beatty, Jr. also of Fort Valley, who resigned since he is out of town quite often now.

The Christmas season again saw the colonial headquarters building decorated in true Williamsburg style. The decorations were accomplished by Betty Hotchkiss, Frances Bowden, Helen Tee-ter, and Helen Bryan, all of Fort Valley. On December 8th, the Society held an open house, the third annual. Many people came that Sunday afternoon to enjoy the festivities and the punch and goodies furnished by ladies from Fort Valley and Marshallville as well as the girls at the Headquarters. During the afternoon the crowd was entertained by the brass Quintet of the Air Force Band from Warner Robins.

The most outstanding collection of Boehm porcelains available at no admission charge to the public was noticeably expanded during the year. The initial gift of the Stevens-Taylor Gallery of Boehm Porcelains and some 140 rare pieces was donated by Mrs. William Parks Stevens of Macon back in 1972. This collection has prompted other Boehm collectors in the country to make donations of other rare pieces of porcelain. During the year we also received other porcelain sculptures made by Bronn and Cybis from people in New York, New Jersey, and Pennsylvania.

Another noteworthy step forward by the American Camellia Society is an agreement between it and Fort Valley State College. The Research Horticulturist Mrs. Betty Hotchkiss is to work with Dr. Johnny Carter of the College and his graduate students in the field of



A meeting of horticultural minds. Betty Hotchkiss, ACS Horticulturist, poses with Dr. Clifford Parks and Dr. Bill Ackerman who presented the educational program on "Breeding Camellias for the Future" at the ACS 42nd annual meeting. (Photo by Greg Davis)

tissue culture of camellias. It is hoped that a successful breakthrough will occur so that new hybrids using the yellow camellia can be rapidly propagated by this means. The initial agreement was worked out between the Executive Director and Dr. Luther Burse, President of Fort Valley State College.

This cooperation in hopes of a breakthrough is spurred on by the fact that we are now beginning to hybridize the yellow camellia for the first time in the Western World. The initial seeds of this rare species were obtained five years ago through the friendship and long correspondence between Professor Zhang Aoluo of Kunming, China, the Executive Director of ACS, and Dr. William Ackerman, then the Research Horticulturist at the National Arboretum. This yellow camellia will bloom for the first time in the Southeast at Masee Lane during the next month or two. All the news for the hybridizing so far has come from Japan, California, and Longwood Gardens, Kennett Square, Pennsylvania. It is our hope that within the next few years, we will have a peach colored camellia which should properly be named "Peach County."

If you have not visited this rare gem here in Middle Georgia, which is actually recognized as such by horticulturists through the United States and throughout the world, you should do so. The gardens and buildings are open Monday through Friday from 8:30 until noon and from 1:00 to 4:30. Groups wishing to visit Masee Lane on the weekend should contact the Society and plans can probably be made for such a visit.



Camellias are for fun as evidenced by this photo of John Comber, Paul Harkey, and Kathryn Allen at the Virginia Camellia Society Show held in conjunction with the ACS 42nd Annual Meeting. (Photo by Greg Davis)

Show Reports

(Reports of ACS Cooperative Shows. In each report the word *C. reticulata* includes those hybrids with *C. reticulata* parentage. Also in each case, the *C. hybrid* means all those hybrids with other than *reticulata* parentage. *C. sasanqua* includes related species.)

ALABAMA

BIRMINGHAM, February 8-9, 1986 (36th Annual)
Sponsor: Birmingham Camellia Society, Inc.
Number Blooms Displayed: 1,817.

ACS Outstanding Bloom Certificates:
C. japonica:

Large-Very Large: 'Carter's Sunburst Pink Var.,' Jim Newell
Large: 'Miss Charleston Var.,' Mr. & Mrs. Fred Lee
Medium-Large: 'Pink Frost,' Louise Hairston
Medium: 'Margaret Davis,' Mr. & Mrs. George Griffin
Small: 'Little Babe,' Jim Newell
Miniature: 'Tootsie,' Mr. & Mrs. George Griffin

C. reticulata:
Best Bloom: 'Jean Pursel,' Bagby Hall

C. hybrid:
Best Bloom: 'Mona Jury Var.,' Dr. C. David Scheibert

ACS GOLD CERTIFICATE:
Mr. & Mrs. George Griffin

ACS SILVER CERTIFICATE:
Ralph Davidson

ACS OUTSTANDING ARRANGEMENT CERTIFICATES:
Tri-Color: Mrs. Charles L. Jones

Creativity-Table Arrangement: Mrs. Very Kenney

Best Japonica Seedling — By Louise Hairston

Best Retic Seedling — By Ray Centry
Number of ACS Memberships Sold: Two.

MOBILE, January 18-19, 1986 (45th Annual)
Sponsor: Camellia Club of Mobile, Inc.

Number Blooms Displayed: 1,334.
ACS Outstanding Bloom Certificates:

C. japonica: (In Open)
Large-Very Large: 'Rosea Superba Var.,' Mr. & Mrs. William LaRose

Medium: 'Harriet Bisbee,' Dr. & Mrs. Alvin Johnson

Small: 'Kitty,' Dr. & Mrs. Alvin Johnson

Miniature: 'Mini Pink,' Charles Giannini

C. japonica: (Under glass)
Large-Very Large: 'Cherries Jubilee,' Charles Bush

Medium: 'Harriet Bisbee,' Mr. & Mrs. R. F. Jeffares

Small: 'Little Babe Var.,' Jim Newell

Miniature: 'Bonbon,' Richard Carter

C. reticulata: (In Open)
Best Bloom: 'Roy Stringfellow,' Mr. & Mrs. William LaRose.

C. reticulata: (Under glass)
Very Large: 'Mouchang Var.,' Jim Newell

Medium: 'Rob Roy,' Jim Newell

C. hybrid: (In Open)
Very Large: 'Elsie Jury,' Mr. & Mrs. William LaRose

Medium: 'Charlean,' George Anderson

Small-Miniature: 'Cinnamon Cindy,' Mr. & Mrs. H. S. Stone

C. hybrid: (Under Glass)
Very Large: 'El Dorado,' Bagby Hall

Medium: 'Angel Wings,' Bagby Hall

Small-Miniature: 'Miss Tinyot Princess,' Mr. & Mrs. George Griffin

ACS GOLD CERTIFICATES:
In Open: Mr. & Mrs. H. S. Stone

Under Glass: Mr. & Mrs. George Griffin

ACS SILVER CERTIFICATES:
In Open: Dr. & Mrs. Alvin Johnson

Under Glass: Bagby Hall

Best White, In Open: 'K. Sawada,' Jessie Barfield

Best White, Under Glass: 'Bea Rogers,' Mr. & Mrs. C. C. Crutcher

Number of ACS Memberships Sold: None.

TUSCALOOSA, January 25-26, 1986 (24th Annual)
Sponsor: West Alabama Camellia Club & Financial Institutions of Tuscaloosa

Number Blooms Displayed: 1,100. Attendance: 700.
ACS Outstanding Bloom Certificates:

C. japonica:
Large-Very Large: 'Carter's Sunburst Pink,' Mrs. Louise Hairston

Runner-up: 'Helen Bower,' Bagby Hall

Medium: 'Diddy's Pink Organdie,' William Brewer

Small: 'Pink Perfection,' Ralph Davidson

Miniature: 'Something Beautiful,' Dr. Fred Lee

C. reticulata:
Best Bloom: 'Nuccio's Ruby Var.,' C. C. Bush

C. hybrid:
Best Bloom: 'Debbie,' Dr. Fred Lee

ACS GOLD CERTIFICATE:
George Griffin

ACS SILVER CERTIFICATE:
Bagby Hall

Best White: 'Charlie Bettes,' Bagby Hall

Number of ACS Memberships Sold: None.

CALIFORNIA

ARCADIA, February 8, 1986
Sponsor: Temple City Camellia Society

Number Blooms Displayed: 1,248. Attendance: 735.
ACS Outstanding Bloom Certificates:

C. japonica: (Non-treated)
Large: 'Tomorrow Park Hill,' Mr. & Mrs. Caryll Pitkin

Runner-up: 'Adolphe Audusson Special,' Mr. & Mrs. Sergio Bracci

Medium: 'Eleanor Martin Supreme,' Mr. & Mrs. Milton Schmidt

Runner-up: 'Ballet Dancer,' Dr. & Mrs. Lee Chow

Small: 'Baby Pearl,' Rudy Moore

Runner-up: 'Marchioness of Salisbury,' Mr. & Mrs. Sergio Bracci

Miniature: 'Fircone Var.,' Dr. & Mrs. Lee Chow

Runner-up: 'Kewpie Doll,' Mr. & Mrs. Grady Perigan

C. japonica: (Treated)
Best Bloom: 'Wildfire,' Mr. & Mrs. Robert Jaacks

Runner-up: 'Tomorrow Park Hill,' Mr. & Mrs. Sergio Bracci

C. reticulata:
Non-treated: 'Nuccio's Ruby Var.,' Mr. & Mrs. Pat Novak

Runner-up: 'Emma Gaeta,' Mr. & Mrs. Berkeley Pace

Treated: 'Pharaoh,' Mr. & Mrs. Sergio Bracci

Runner-up: 'Harold L. Paige,' Mr. & Mrs. Sergio Bracci

C. hybrid:
Non-treated: 'Angel Wings,' Herman Belcher

Runner-up: 'Julia Hamiter,' Marvin Belcher

Treated: 'Julia Hamiter,' Mr. & Mrs. Sergio Bracci

Runner-up: 'South Seas,' Mr. & Mrs. A. L. Summerson

C. sasanqua:
Best Bloom: 'Star Above Star,' Mr. & Mrs. Robert McNeil

Best Seedling: 'Karina,' Mr. & Mrs. John Movich

Best Novice Bloom: 'Margaret Davis,' Carol Albrigo

Number of ACS Memberships Sold: None.

BAKERSFIELD, March 1-2, 1986 (34th Annual)
Sponsor: Camellia Society of Kern County

Number Blooms Displayed: 1,467. Attendance: 2,000+.
ACS Outstanding Bloom Certificates:

C. japonica:
Large: 'Swan Lake,' Lee Chow

Runner-up: 'Easter Morn,' Mr. & Mrs. Jack Woo

Medium: 'Eleanor Martin Supreme,' Mr. & Mrs. Alfred Gamper

Runner-up: 'Eleanor Martin,' Lee Chow

Small: 'Grace Albritton,' Mr. & Mrs. Wilbur Ray

Runner-up: 'Alison Leigh Woodroof,' Lee Chow

C. reticulata:
Best Bloom: 'Nuccio's Ruby,' Dr. & Mrs. Richard Stiern

Runner-up: 'Emma Gaeta,' Mr. & Mrs. Sergio Bracci

C. hybrid:
Best Bloom: 'Elsie Jury,' Mr. & Mrs. Alfred Gamper

Runner-up: 'South Seas,' Marvin Belcher

Best Arrangement: Dr. Lee Chow

Number of ACS Memberships Sold: None.

CONCORD, March 8-9, 1986 (41st Annual)
Sponsor: Northern California Camellia Society

Number Blooms Displayed: 3,000. Attendance: 5,000.
ACS Outstanding Bloom Certificates:

C. japonica:
Large: 'Lady In Red,' Mr. & Mrs. L. Pitts

Runner-up: 'Prima Ballerina,' Mr. & Mrs. N. Thorp

Medium: 'In The Red,' Mr. & Mrs. J. Toland

Runner-up: 'Nuccio's Jewel,' Mr. & Mrs. D. Lesmeister

Small: 'Grace Albritton,' R. Ehrhart

Miniature: 'Spring Festival,' Mr. & Mrs. D. Bergamini

C. reticulata:
Best Bloom: 'Miss Tulare,' Mr. & Mrs. L. Pitts

Runner-up: 'Debut,' Mr. & Mrs. P. Galli

C. hybrid:
Best Bloom: 'Elsie Jury,' Jack Dutro

ACS GOLD CERTIFICATE:
R. Ehrhart

ACS SILVER CERTIFICATE:
Mr. & Mrs. D. Bergamini

Best White: 'Chow's Han-Ling,' Mrs. B. Breuner

Best Fragrant Seedling: Mr. & Mrs. K. Hallstone

Number of ACS Memberships Sold: Two.

LA CANADA, February 22-23, 1986
Sponsor: Southern California Camellia Council

Number Blooms Displayed: 1,652. Attendance: 3,650.
ACS Outstanding Bloom Certificates:

C. japonica: (Untreated)
Large: 'Katie Var.,' Lee Chow

Runner-up: 'Elegans Supreme,' Art Gonos Family

Medium: 'Betty Sheffield Supreme,' Mr. & Mrs. Jack Woo

Runner-up: 'Cherries Jubilee,' Herman Belcher

Small: 'Alison Leigh Woodroof Var.,' Marvin Belcher

Runner-up: 'Little Ginger,' Lee Chow

Miniature: 'Tammia,' Art Gonos Family

Runner-up: 'Little Slam,' Mr. & Mrs. Robert McNeil

C. japonica: (Treated)
Large: 'Elegans Supreme,' Art Gonos Family

Runner-up: 'Tomorrow Park Hill,' Mr. & Mrs. Jack Woo

Medium: 'Cherries Jubilee,' Art Gonos Family

Runner-up: 'Ragland Supreme,' Art Gonos Family

C. reticulata:
Untreated, Very Large: 'Dr. Clifford Parks,' Herman Belcher

Runner-up: 'Bill Johnston,' Mr. & Mrs. Sergio Bracci

Untreated, Large: 'Valley Knudsen,' Lee Chow

Runner-up: 'Cornelia,' Mr. & Mrs. Robert McNeil

Treated: 'Pink Dahlia,' Mr. & Mrs. Jack Woo

Runner-up: 'Nuccio's Ruby,' Mr. & Mrs. Alfred Gamper

C. hybrid:
Best Bloom: 'Pink Dahlia' (sic), Mr. & Mrs. Jack Woo

Runner-up: 'South Seas,' Marvin Belcher

C. sasanqua:
Best Bloom: 'Botan Yuki,' Herman Belcher

Best New Sport: 'Baby Sis Silver,' Mr. & Mrs. John Movich

Number of ACS Memberships Sold: None.

MODESTO, March 15-16, 1986
Sponsor: Modesto Camellia Society

Number Blooms Displayed: 2,125. Attendance: 1,503.
ACS Outstanding Bloom Certificates:

C. japonica:
Large-Very Large: 'Easter Morn,' Mr. & Mrs. Jack Woo

Runner-up: 'Show Time,' Mrs. William Bruner

Medium: 'Nuccio's Jewel,' Mr. & Mrs. Donald Lesmeister

Runner-up: 'In The Pink,' Mr. & Mrs. James Randall

Small: 'Ellen Daniel,' Mr. & Mrs. E. F. Achterberg

Runner-up: 'Little Slam,' Mr. & Mrs. James Randall

C. reticulata:
Best Bloom: 'Lasca Beauty,' Mr. & Mrs. James Randall

Runner-up: 'Terrell Weaver,' Art Gonos Family

C. hybrid:
Best Bloom: 'Julia Hamiter,' Harlan Smith Family

Runner-up: 'Debbie,' H. W. Oliver

ACS GOLD CERTIFICATE:
Robert E. Ehrhart

ACS SILVER CERTIFICATE:
Howard W. Oliver

Best Miniature: 'Lemon Drop,' Mr. & Mrs. Anthony F. Pinheiro

Runner-up, Miniature: 'Spring Festival,' Mr. & Mrs. Jack Woo

Best Youth Japonica: 'Bob Hope,' Melanie Blankenship

Best Fragrant Bloom: Mr. & Mrs. Ken Hallstone

Best White: 'Swan Lake,' Mrs. William Bruner

Number of ACS Memberships Sold: None.

MORAGA, February 15-16, 1986
Sponsor: Delta Camellia Society

ACS Outstanding Bloom Certificates:
C. japonica:

Very Large: 'Elegans Champagne,' Thomas Lee

Runner-up: 'Moonlight Bay,' Mr. & Mrs. Don Lesmeister

Large: 'Charlie Bettes,' Mr. & Mrs. Don Lesmeister

Runner-up: 'Annette Gehry,' Mr. & Mrs. E. F. Achterberg

Medium: 'Miss Charleston Var.,' Mr. & Mrs. Jack Woo

Runner-up: 'Alta Gavin,' Mr. & Mrs. Don Lesmeister

Small: 'Grace Albritton,' Mr. & Mrs. E. F. Achterberg

Runner-up: 'Tom Thumb,' Darren Smith

Miniature: 'Little Man Formal,' Mr. & Mrs. Anthony Pinheiro

Runner-up: 'Little Bo-Peep,' R. Pozdol

C. reticulata:
Over 5 1/2': 'Pharaoh,' Mr. & Mrs. James Randall

Runner-up: 'Jean Pursel,' Mr. & Mrs. Wilbur Ray

Under 5 1/2': 'Valley Knudsen,' Mr. & Mrs. J. Scott

Runner-up: 'Black Lace,' Mr. & Mrs. Jack Woo

C. hybrid:
Best Bloom: 'Pink Dahlia' (sic), Mr. & Mrs. Don Lesmeister

Runner-up: 'Rose Parade,' Mr. & Mrs. E. F. Achterberg

ACS GOLD CERTIFICATE:
Mr. & Mrs. Jack Woo

ACS SILVER CERTIFICATE:
Mr. & Mrs. Don Bergamini

Youth Division:
Japonica Over 4 1/4': 'Chameleon,' Michael Mazzei

Runner-up: 'Elegans Supreme,' Joellen Bergamini

Japonica Under 4 1/4': 'Little Michael,' Michael Mazzei

Runner-up: 'Tiny Princess' (sic), Joellen Bergamini

Reticulata: 'Samantha,' Michael Mazzei

Runner-up: 'Overture,' Michael Mazzei

Hybrid: 'Water Lily,' Joellen Bergamini

Runner-up: 'Sylvia May Wells,' Audrey Schurer

Number of ACS Memberships Sold: None.

SACRAMENTO, March 1-2, 1986 (62nd Annual)
Sponsor: Camellia Society of Sacramento & Capital Federal S&L

Number Blooms Displayed: 7,254. Attendance: 12,000.
Most Outstanding Bloom: 'Applause,' Mr. & Mrs. Donald Lesmeister

ACS Outstanding Bloom Certificates:
C. japonica:

Very Large: 'Tomorrow Park Hill Pink,' Mr. & Mrs. Donald Lesmeister

Runner-up: 'Elegans Champagne,' Mr. & Mrs. Donald Lesmeister

Large: 'Gigantes,' Ann McKee

Runner-up: 'Fire Dance,' Mr. & Mrs. Lyall Smith

Medium: 'Jean Cler,' Mr. & Mrs. Donald Lesmeister

Runner-up: 'Adolphe Audusson Var.,' Mr. & Mrs. Maurice Vervelle

Small: 'Ann Clayton,' Mr. & Mrs. Elmer Achterberg

Runner-up: 'Black Tie,' Mr. & Mrs. Elmer Achterberg

Miniature: 'Man Size,' Mr. & Mrs. Anthony Pinheiro

Runner-up: 'Snippet,' The Lockwoods

C. reticulata:
Very Large: 'Pharaoh,' Ron Morrison Family

Runner-up: 'Curtain Call,' Raymond Hertel

Medium-Large: 'Applause,' Mr. & Mrs. Donald Lesmeister

Runner-up: 'Dr. Louis Polizzi,' Mr. & Mrs. Elmer Achterberg

C. hybrid:
Best Bloom: 'Pink Dahlia' (sic), Mr. & Mrs. Donald Lesmeister

Runner-up: 'Freedom Bell,' Mr. & Mrs. James Randall

ACS GOLD CERTIFICATE:
Robert Ehrhart

ACS SILVER CERTIFICATE:
Mr. & Mrs. Don Bergamini

Best Treated Japonica: 'Katie,' Mr. & Mrs. James Randall

Best Treated Hybrid: 'Hulyn Smith,' Mr. & Mrs. Gary Schanz

Best Fragrant Bloom: 'Scentuous,' Steve Campbell

Best Novice Bloom: 'Betty Sheffield Supreme,' L. T. VanNorstrand

Best White Bloom: 'Snowman,' Mr. & Mrs. Donald Lesmeister

Most Outstanding Arrangement: Virginia Dittus

Youth Class:
Best Large Japonica: 'Adolphe Audusson Var.,' Lisa Pomer

Best Medium Japonica: 'Fred Sanders,' Courtney Robinson

Best Miniature: 'Grace Albritton,' Joellen Bergamini

Best Hybrid: 'South Seas,' Justin Bergamini

Number of ACS Memberships Sold: None.

FLORIDA

FORT WALTON BEACH, January 25-26, 1986
Sponsor: Fort Walton Camellia Society

Number Blooms Displayed: 505. Attendance: 3,000.
Most Outstanding Bloom: 'Pleasant Memories,' Walter M. Creighton

ACS Outstanding Bloom Certificates:
C. japonica:

Large-Very Large: 'Elegans Supreme,' James A. Newell

Medium: 'Margaret Davis,' Walter M. Creighton

Small: 'Little Babe Var.,' James A. Newell

GAINESVILLE, January 25, 1986
 Sponsor: Gainesville Camellia Society
 Number Blooms Displayed: 800. Attendance: 2,000.
 Most Outstanding Bloom: 'Tomorrow's Lisa,' E. Hulyn Smith
 ACS Outstanding Bloom Certificates:
C. japonica: (In Open)
 Large: 'Betty Sheffield Supreme,' Mrs. Walter A. Smith
 Medium: 'China Doll,' J. Hintermister
 Small: 'Ed Combatalade,' O. L. Jacobson
C. japonica: (Under Glass)
 5' or Over: 'Elizabeth Weaver,' Mr. & Mrs. Marvin Jernigan
 Under 5': 'Something Beautiful,' E. Hulyn Smith
C. reticulata:
 In Open: 'Rob Roy,' Mr. & Mrs. Bill Boll
 Under Glass, 5' or Over: 'Lilette Witman,' Mr. & Mrs. Marvin Jernigan
 Under Glass, Under 5': 'Hulyn Smith,' E. Hulyn Smith
C. hybrid:
 Best Bloom: 'Jubilation,' E. Hulyn Smith
 ACS GOLD CERTIFICATE:
 Mr. & Mrs. Bob Gramling
 Best Seedling: J-006, Mr. & Mrs. Marvin Jernigan
 Best Miniature: 'Fragrant Joy Var.,' Mr. & Mrs. Ivan Mitchell
 Best White: 'Man Size,' Mr. & Mrs. Ivan Mitchell
 Number of ACS Memberships Sold: Two.

LAKELAND, February 1-2, 1986 (4th Annual)
 Sponsor: First Federal of Florida
 Number Blooms Displayed: 571. Attendance: 1,500.
 Most Outstanding Bloom: 'Elegans Splendor,' Dr. & Mrs. L. G. MacDowell
 ACS Outstanding Bloom Certificates:
C. japonica:
 In Open, Untreated: 'Lady Kay,' Dr. & Mrs. L. G. MacDowell
 In Open, Treated: 'Mathotiana Rosea,' Dorothy P. Gago
 Under Glass: 'Tomorrow Var.,' Mr. & Mrs. Marvin Jernigan
C. reticulata:
 Best Bloom: 'Francie L. Var.,' Mr. & Mrs. Marvin Jernigan
C. hybrid:
 In Open: 'Tiptoe,' Dr. & Mrs. L. G. MacDowell
 Under Glass: 'Anticipation,' Mr. & Mrs. Marvin Jernigan
 ACS GOLD CERTIFICATE:
 Elizabeth B. Smith
 ACS PROVISIONAL COMMENDED SEEDLING
 CERTIFICATES:
 #347, Dr. Walter Homeyer
 #408, Dr. Walter Homeyer
 #339, Dr. Walter Homeyer
 #409, Dr. Walter Homeyer
 #448, Dr. Walter Homeyer
 #488, Dr. Walter Homeyer
 Best White: 'Charlie Bettles,' Mr. & Mrs. Marvin Jernigan
 Best Miniature: 'Tinsie,' Elizabeth B. Smith
 Number of ACS Memberships Sold: None.

ORLANDO, January 18-19, 1986 (38th Annual)
 Sponsor: Camellia Society of Central Florida
 Number Blooms Displayed: 762.
 Most Outstanding Bloom: 'Maggie Bush'
 ACS Outstanding Bloom Certificates:
C. japonica:
 In Open: 'Doris Ellis,' Mr. & Mrs. Bill Boll
 In Open, Chem. Tr.: 'Magnoliaeflora,' Betty Naylor
 Under Glass: 'Tomorrow,' E. Hulyn Smith
C. reticulata:
 In Open: 'Rob Roy,' Mr. & Mrs. Bill Boll
 Under Glass: 'Dr. Clifford Parks,' E. Hulyn Smith
C. hybrid:
 Best Bloom: 'E. G. Waterhouse,' Mrs. C. B. Terry
 ACS GOLD CERTIFICATE:
 Walter Reed
 ACS PROVISIONAL COMMENDED SEEDLING
 CERTIFICATE:
C. japonica, Chem. Tr. #408, Dr. Walter Homeyer
 Best White: 'K. Sawada,' Walter Reed
 Best Miniature: 'Little Man,' Marvin Jernigan
 Number of ACS Memberships Sold: Three.

PENSACOLA, December 14-15, 1985 (44th Annual)
 Sponsor: Men's Camellia Club, Inc.
 Number Blooms Displayed: 1,602. Attendance: 1,000-1,500.
 Most Outstanding Bloom: In Open — 'Helen Bower,' Dr. T. E. Lundy
 Under Glass — 'Carter's Sunburst,' Jim Newell
 ACS Outstanding Bloom Certificates:
C. japonica: (In Open)
 Large-Very Large: 'Elegans Supreme,' Robert A. Hill
 Runner-up: 'Veiled Beauty,' John M. Davy
 Medium: 'Tom Knudsen,' Dr. A. Johnson
 Runner-up: 'Eleanor Martin,' G. C. Wesley
 Small: 'Little Ginger,' W. F. LaRose
 Runner-up: 'White Perfection' (sic), John Geiser
 Miniature: 'Les-Tay-Home,' R. E. Michael
 Runner-up: 'Mini Pink,' G. C. Wesley
C. japonica: (Under Glass)
 Large-Very Large: 'Tomorrow Park Hill,' Jim Newell
 Runner-up: 'Pirates Gold,' J. K. Edwards
 Medium: 'Margaret Davis,' C. C. Crutcher
 Runner-up: 'Sieur de Bienville,' R. B. Davidson
 Small: 'Little Babe,' Jim Newell
 Runner-up: 'Alison Leigh Woodroof,' George Griffin
 Miniature: 'Man Size,' Jim Newell
 Runner-up: 'Fircone Var.,' Dr. C. D. Scheibert
C. reticulata: (In Open)
 Large: 'Woodford Harrison,' Dr. Lyle Robertson
 Runner-up: 'Terrell Weaver,' Millard Carter
 Medium: 'Black Lace,' Bob Gramling

C. reticulata: (Under Glass)
 Large: 'Mouchang,' Jim Newell
 Runner-up: 'Royalty,' R. A. Sansing
 Medium: 'Black Lace,' W. M. Creighton
C. hybrid: (In Open)
 Medium-Large: 'Gay Time,' John Comber
 Runner-up: 'Charlean,' Bob Gramling
 Miniature-Small: 'Cinnamon Cindy,' Bob Gramling
 Runner-up: 'Tiny Princess,' R. L. Staley
C. hybrid: (Under Glass)
 Medium-Large: 'Julie,' E. L. Atkins
 Runner-up: 'Valley Knudsen,' C. C. Crutcher
 Miniature-Small: 'Cinnamon Cindy,' Dr. H. L. Berridge
 Runner-up: 'Pink Smoke' (sic), George Griffin
 ACS GOLD CERTIFICATES:
 In Open: Bob Gramling
 Under Glass: C. C. Crutcher
 ACS SILVER CERTIFICATES:
 In Open: E. G. Wesley
 Under Glass: Jim Newell
 Best White, In Open: 'Snowman,' W. F. LaRose
 Best White, Under Glass: 'Charlie Bettles,' Jim Newell
 Novice Class:
C. japonica:
 Large: 'Moonlight Bay,' Don E. Applegate
 Runner-up: 'Lady Vansittart,' Don E. Applegate
 Medium: 'Laurel Leaf,' Don E. Applegate
 Runner-up: 'Rose Dawn,' J. Wetherell
 Small: 'Pink Perfection,' Don E. Applegate
 Miniature: 'Little Slam,' Don E. Applegate
 Runner-up: 'Grace Albritton,' Ed Albrecht
 Number of ACS Memberships Sold: None.

TALLAHASSEE, December 7, 1985
 Sponsor: Men's Camellia Society of Tallahassee
 Number Blooms Displayed: 535. Attendance: 4,500.
 Most Outstanding Bloom: 'Show Time,' E. Hulyn Smith
 ACS Outstanding Bloom Certificates:
C. japonica:
 Large: 'Tomorrow Var.,' David Lang
 Medium: 'Betty Sheffield Supreme,' Lee Roy Smith
 Small: 'Pink Perfection,' L. Cox
 Miniature: 'Grace Albritton,' L. Cox
C. reticulata:
 Best Bloom: 'Massee Lane,' E. Hulyn Smith
C. hybrid:
 Large: 'Julie,' Frank Echols
 Medium: 'Jubilation,' Cy Echols
 ACS GOLD CERTIFICATE:
 Mr. & Mrs. Bob Gramling
 ACS SILVER CERTIFICATE:
 E. Hulyn Smith
 Best Novice Bloom: 'Grace Albritton,' Lillian Cox
 Best Mutation: 'Blood of China Pink,' R. B. Gramling
 Number of ACS Memberships Sold: Four.

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GEORGIA

ALBANY, December 7, 1985
Sponsor: Albany Men's Garden Club
Most Outstanding Bloom: 'Chow's Han-Ling,' Frank D. Jamison
ACS Outstanding Bloom Certificates:
C. japonica:
Large: 'Lady Eva,' Marvin Jernigan
Small: 'Tammia,' Dr. Daniel E. Nathan
C. reticulata:
Best Bloom: 'Valentine Day,' Frank D. Jamison
C. sasanqua:
Best Bloom: 'Sparkling Burgundy,' Dr. Wm. Leach
ACS GOLD CERTIFICATE:
Frank D. Jamison
ACS SILVER CERTIFICATE:
Marvin Jernigan
ACS OUTSTANDING ARRANGEMENT CERTIFICATE:
Tri-Color: Ruby Goolsby
Number of ACS Memberships Sold: None.

ATLANTA, February 15-16, 1986
Sponsor: North Ga. & Atlanta Camellia Societies
Number Blooms Displayed: 641. Attendance: 1,050.
ACS Outstanding Bloom Certificates:
C. japonica:
In Open: 'Sunset Oaks,' J. R. Comber
Under Glass, Very Large: 'Tomorrow Var.,' Mr. & Mrs. Fred G. Hahn
Under Glass, Large: 'Villie de Nantes,' Mr. & Mrs. Fred G. Hahn
Under Glass, Medium: 'Margaret Davis,' Mr. & Mrs. Fred G. Hahn
Under Glass, Small: 'Jane Griffin,' Mr. & Mrs. George Griffin
C. reticulata:
Best Bloom: 'Curtain Call,' Mr. & Mrs. Fred G. Hahn
Runner-up: 'Jean Toland,' John T. Newsome
C. hybrid:
Best Bloom: 'Elegant Beauty,' Mr. & Mrs. Fred G. Hahn
ACS GOLD CERTIFICATE:
In Open: J. R. Comber
Under Glass: Mr. & Mrs. George Griffin
ACS PROVISIONAL COMMENDED SEEDLING CERTIFICATES:
#488, Dr. Walter Homeyer
Best White: 'Elegans Champagne,' Mr. & Mrs. Fred G. Hahn
Best Miniature: 'Man Size,' Mr. & Mrs. Fred G. Hahn
Number of ACS Memberships Sold: Five.

WAYCROSS, November 20-21, 1985 (36th Annual)
Sponsor: Federated Garden Club & Trust Bank
Number Blooms Displayed: 560. Attendance: 400.
ACS Outstanding Bloom Certificates:
C. japonica:
Best Bloom: 'Elegans Supreme,' Mr. & Mrs. G. R. Dubus
Runner-up: 'Memphis Bell,' Mrs. C. W. Barfield
C. reticulata:
Best Bloom: 'Valentine Day,' Lois Groszmann
C. hybrid:
Best Bloom: 'Charlean,' O. L. Jacobson
Runner-up: 'Anticipation,' Lois Groszmann
ACS GOLD CERTIFICATE:
O. L. Jacobson
ACS SILVER CERTIFICATE:
Mrs. Lois Groszmann
Number of ACS Memberships Sold: None.

LOUISIANA

BATON ROUGE, January 4-5, 1986
Sponsor: Baton Rouge Camellia Society
ACS Outstanding Bloom Certificates:
C. japonica: (In Open)
Large-Very Large: 'Guilio Nuccio Var.,' Mr. & Mrs. Wm. LaRose
Medium-Large: 'Don Mac,' Dr. Emil Carroll
Medium: 'Herme,' Dr. Emil Carroll
Small: 'Sugar Babe,' Mike Cannon
Miniature: 'Little Slam Var.,' Tommy Weeks
C. japonica: (Under Glass)
Large-Very Large: 'Tomorrow's Dawn,' Dr. Emil Carroll
Medium-Large: 'Mary Ann Houser,' Mr. & Mrs. C. B. Goodson
Medium: 'Margaret Davis,' Bagby Hall
Small: 'Little Babe Var.,' Jim Newell
Miniature: 'Man Size,' Jim Newell
C. reticulata:
In Open: 'Dr. Clifford Parks,' John Campora
Under Glass: 'Harold L. Paige,' Dr. Emil Carroll
Runner-up: 'Woodford Harrison,' Bagby Hall
C. hybrid:
In Open: 'South Seas,' Mr. & Mrs. Wm. LaRose
Under Glass: 'E. G. Waterhouse,' F. F. Becker, II
Runner-up: 'Julia Hamiter,' Mr. & Mrs. C. C. Bush
C. sasanqua:
Best Bloom: 'Sukiya,' F. F. Becker, II
ACS GOLD CERTIFICATES:
In Open: Mr. & Mrs. Henry S. Stone
Under Glass: Bagby Hall
ACS SILVER CERTIFICATES:
In Open: Mr. & Mrs. Wm. LaRose
Under Glass: Dr. Emil Carroll
Best White In Open: 'Lucy Stewart,' Mr. & Mrs. Wm. LaRose
Best White Under Glass: 'Snowman,' Jim Newell
Best Japonica Seedlings, Large: #39, Mr. & Mrs. C. B. Goodson
Medium: #38, Mr. & Mrs. H. S. Stone
Small or Miniature: #76, Mr. & Mrs. H. S. Stone
Best Mutant or Sport: 'Mathotiana Benden,' Thomas Perkins, III
Number of ACS Memberships Sold: Four.

LAFAYETTE, December 7-8, 1985 (21st Annual)
Sponsor: South Louisiana Camellia Society
Number Blooms Displayed: 525. Attendance: 300.
ACS Outstanding Bloom Certificates:
C. japonica:
Best Bloom: 'Tomorrow Park Hill Pink,' Eva S. Hirshberg
C. hybrid:
In Open: 'Betty Ridley,' Ruth Pope
Under Glass: 'Aztec,' G. F. Abendroth

ACS GOLD CERTIFICATES:
In Open: Carlton Latour
Under Glass: G. F. Abendroth
ACS SILVER CERTIFICATE:
Ruth Pope
Best Miniature: 'Little Slam,' Carlton Latour
Number of ACS Memberships Sold: One.
LAKE CHARLES, December 7-8, 1985
Sponsor: Southwest Louisiana Camellia Society
Number Blooms Displayed: 472. Attendance: 50.
Most Outstanding Bloom: 'Betty Ridley'
ACS Outstanding Bloom Certificates:
C. japonica:
Best Bloom: 'Helen Bower,' Mrs. Mathew Istre
ACS GOLD CERTIFICATE:
Judge Charles S. King
ACS SILVER CERTIFICATE:
Dr. Mary Ellen Hawkins
Number of ACS Memberships Sold: None.

SHREVEPORT, January 25-26, 1986 (31st Annual)
Sponsor: Shreveport Camellia Society
Number Blooms Displayed: 1,051.
ACS Outstanding Bloom Certificates:
C. japonica: (In Open)
Large-Very Large: 'Marie Brace,' Wm. Plaster
Runner-up: 'Donckelarii,' L. H. Reese
Medium-Large: 'Don Mac,' Dr. Emil Carroll
Runner-up: 'Flame,' Wm. Plaster
Medium: 'Herme,' Emil Carroll
Small: 'Little Michael,' Mr. & Mrs. Alfus Johnson
Miniature: 'Man Size,' Mrs. Boyd McRee
C. japonica: (Under Glass)
Large-Very Large: 'Tomorrow Park Hill Pink,' Roy Stringfellow
Runner-up: 'Helen Bower,' Otto Klick
Medium-Large: 'Don Mac,' Mr. & Mrs. L. H. Reese
Runner-up: 'Ville de Nantes,' Dr. Emil Carroll
Medium: 'Harriet Bisbee,' Ethel Worley
Small: 'Grace Albritton,' C. B. Malone, Jr.
Miniature: 'Man Size,' Bill Mann
C. reticulata:
Best Bloom: 'Harold L. Paige,' Ethel Worley
C. hybrid:
Large-Very Large: 'Julie,' Ethel Worley
Miniature-Medium Large: 'Angel Wings,' Otto Klick
Number of ACS Memberships Sold: None.



Marie Zagst, Alfus Johnson, and Lorena McRee enjoy the food and fellowship at the Shreveport Show in January. (Photo by Greg Davis)

SLIDELL, December 7-8, 1985 (35th Annual)
Sponsor: Ozone Camellia Club
Most Outstanding Bloom: 'Dr. Emil Carroll,' Dr. & Mrs. Lyle Robertson
ACS Outstanding Bloom Certificates:
C. japonica: (In Open)
Large: 'Rosea Superba,' T. H. Julian
Medium: 'Mrs. R. L. Wheeler,' R. A. Sansing
Small: 'Little Babe,' Mike Cannon
Miniature: 'Man Size,' Gordon G. Wesley
C. japonica: (Under Glass)
Large: 'Tomorrow,' Jim Newell
Medium: 'Campari,' C. C. Crutcher
Small: 'Little Babe,' Jim Newell
Miniature: 'Fircone,' C. C. Crutcher
C. reticulata:
In Open: 'Dr. Emil Carroll,' Dr. & Mrs. Lyle Robertson
Under Glass: 'Harold L. Paige,' Mr. & Mrs. R. F. Jeffares
C. hybrid: (In Open)
Large: 'Anticipation,' Mr. & Mrs. George Griffin
Medium-Small: 'Taylor's Maid' (sic), Mr. & Mrs. H. S. Stone
C. hybrid: (Under Glass)
Large: 'Mona Jury,' Mr. & Mrs. C. C. Crutcher
Medium-Small: 'Fragrant Pink Improved,' William R. Brewer
ACS GOLD CERTIFICATES:
In Open: Mr. & Mrs. H. S. Stone
Under Glass: Jim Newell
ACS SILVER CERTIFICATES:
In Open: Mr. & Mrs. John Geiser
Under Glass: Bagby Hall
ACS OUTSTANDING ARRANGEMENT CERTIFICATES:
Tri-Color: Mimi Jackson
Creativity: Pat Kooney
Best White: 'Campari White,' Carol Gilley
Number of ACS Memberships Sold: None.

MARYLAND

COCKEYSVILLE, March 1, 1986
Sponsor: Pioneer Camellia Society of Maryland
Number Blooms Displayed: 537. Attendance: 6,000.
ACS Outstanding Bloom Certificates:
C. japonica:
Best Bloom: 'Mathotiana Supreme,' Mr. & Mrs. Louis R. Daudt
C. reticulata:
Best Bloom: 'Francie L.,' Mr. & Mrs. Harry J. Kendig
Runner-up: 'Valentine Day,' Mr. & Mrs. Harry J. Kendig
ACS GOLD CERTIFICATE:
Mr. & Mrs. Louis R. Daudt
ACS SILVER CERTIFICATE:
Mr. & Mrs. William Ackerman
ACS PROVISIONAL COMMENDED SEEDLING CERTIFICATE:
C. reticulata #65-65, Dr. William L. Ackerman
ACS OUTSTANDING ARRANGEMENT CERTIFICATES:
Tri-Color: Mrs. James R. Moxley, Jr.
Creativity: Mrs. Frank Chandler
Creativity: Mrs. Harris George
Number of ACS Memberships Sold: None.

MISSISSIPPI

JACKSON, February 1-2, 1986 (34th Annual)
Sponsor: Jackson Camellia Society
Number Blooms Displayed: 1,198. Attendance: 475.
Most Outstanding Bloom: 'Valley Knudsen,' Bagby Hall
ACS Outstanding Bloom Certificates:
C. japonica:
Large-Very Large: 'Tomorrow Park Hill,' Bagby Hall
Runner-up: 'Fashionata,' Charles Bush
Medium-Large: 'Evelyn Poe Pink,' Charles Bush
Runner-up: 'Lady Kay,' Charles Malone
Medium: 'Linda Brothers,' Mrs. Clyde Copeland
Runner-up: 'Dixie Knight Supreme,' Mr. & Mrs. Fred Lee
Small: 'Grace Albritton,' Wallace Herbert
Runner-up: 'Little Babe,' Jim Newell
Miniature: 'Man Size,' Jim Newell
C. reticulata:
Best Bloom: 'Jean Pursel,' C. C. Crutcher
Runner-up: 'Mouchang,' Jim Newell
C. hybrid:
Best Bloom: 'Angel Wings,' Bagby Hall
Runner-up: 'Charlean,' Jim Newell
Best White: 'Elegans Champagne,' Bagby Hall
Number of ACS Memberships Sold: None.

NORTH CAROLINA

CHARLOTTE, February 1-2, 1986
Sponsor: Charlotte Camellia Society
Number Blooms Displayed: 767.
ACS Outstanding Bloom Certificates:
C. japonica: (In Open)
Best Bloom: 'Magic City,' Parker Connor
Runner-up: 'Don Mac,' M. S. Edwards
C. japonica: (Under Glass)
5" and Over: 'Fashionata Var.,' Mr. & Mrs. Fred Hahn
Runner-up: 'Tomorrow Park Hill Blush,' Mr. & Mrs. Fred Hahn
2½-5": 'Margaret Davis,' Joe Austin
Runner-up: 'Feathery Touch,' Mr. & Mrs. Fred Hahn
Miniature: 'Man Size,' Dr. Olin Owen
Runner-up: 'Bonbon,' David Blackwell
C. reticulata:
5" and Over: 'Curtain Call,' Robert Fowler
Runner-up: 'Arcadia,' Mr. & Mrs. Fred Hahn
2½-5": 'Dr. Louis Pollizzi,' J. F. Hankins
C. hybrid:
Best Bloom: 'Mirage Var.,' Joe Austin
ACS GOLD CERTIFICATES:
In Open: Parker Connor
Under Glass: Mrs. Ray Watson
ACS SILVER CERTIFICATE:
Under Glass: Joe Austin
Best White: 'Swan Lake,' Mr. & Mrs. Fred Hahn
Number of ACS Memberships Sold: None.

GREENSBORO, March 8-9, 1986
Sponsor: Men's Piedmont Camellia Club
Number Blooms Displayed: 1,070. Attendance: 3,500.
ACS Outstanding Bloom Certificates:
C. japonica:
In Open: 'Pink Diddy,' Mr. & Mrs. John Thomas
Runner-up: 'Glen 40,' Mr. & Mrs. John Thomas
Under Glass: 'Nuccio's Jewel,' Mr. & Mrs. Harry Watson
Runner-up: 'Little Susie,' Mr. & Mrs. L. M. Fetterman
C. reticulata:
Best Bloom: 'Pharaoh,' Joe Austin
Runner-up: 'Emma Gaeta,' Joe Austin
C. hybrid:
Best Bloom: 'Mona Jury,' Fred Hahn
Runner-up: 'Elegant Beauty,' Fred Hahn
ACS GOLD CERTIFICATE:
Ray Watson
ACS SILVER CERTIFICATE:
Mr. & Mrs. John Thomas
Best White: 'Swan Lake,' Mr. & Mrs. Robert Fowler
Best Miniature: 'Tammia,' Mr. & Mrs. Harry Watson
Number of ACS Memberships Sold: None.

WILMINGTON, February 22-23, 1986 (36th Annual)
Sponsor: Tidewater Camellia Club
Number Blooms Displayed: 1,147.
Most Outstanding Bloom: 'Nuccio's Ruby,' Joe Austin
ACS Outstanding Bloom Certificates:
C. japonica: (In Open)
Over 5": 'Tiffany,' Parker E. Connor, Jr.
Under 5": 'Donckelarii,' Mr. & Mrs. Bill Putnam
C. japonica: (Under Glass)
Over 5": 'Elegans Champagne,' Mrs. Ray Watson
Under 5": 'Nuccio's Jewel,' Joe Austin
Miniature: 'Black Tie,' Mr. & Mrs. J. K. Blanchard
C. reticulata:
Best Bloom: 'Nuccio's Ruby Var.,' Joe Austin
C. hybrid:
Best Bloom: 'Elsie Jury,' Mr. & Mrs. Fred Hahn, Jr.

ACS GOLD CERTIFICATES:
In Open: Parker E. Connor, Jr.
Under Glass: Mrs. Ray Watson
ACS SILVER CERTIFICATES:
In Open: Mr. & Mrs. John Thomas
Under Glass: Joe Austin
ACS PROVISIONAL COMMENDED SEEDLING CERTIFICATE:
C. japonica, Chemically Tr., J001, Mr. & Mrs. Lewis Fetterman
ACS OUTSTANDING ARRANGEMENT CERTIFICATES:
Tri-Color: Mary Louise Campbell
Creativity: Nina Lane
Number of ACS Memberships Sold: None.

OREGON

PORTLAND, March 22-23, 1986
Sponsor: Oregon Camellia Society
Number Blooms Displayed: 439. Attendance: 3,000.
Most Outstanding Bloom: 'Carter's Sunburst,' Larry Landauer
ACS Outstanding Bloom Certificates:
C. japonica:
Best Bloom: 'Carter's Sunburst,' Larry Landauer
Runner-up: 'Elegans Supreme,' Larry Landauer
C. reticulata:
Best Bloom: 'Harold L. Paige,' Margaret MacDonald
Runner-up: 'Dr. Clifford Parks,' Margaret MacDonald
C. hybrid:
Best Bloom: 'Brigadoon,' Andy Sears
Runner-up: 'Donation,' Oscar Tinkle
ACS GOLD CERTIFICATES:
In Open: Oscar Tinkle
Under Glass: Larry Landauer
ACS SILVER CERTIFICATES:
In Open: Jim Moon
Under Glass: Rudy Schaad
ACS OUTSTANDING ARRANGEMENT CERTIFICATES:
Tri-Color: Ruth Berger
Creativity: Virginia Stangell
Number of ACS Memberships Sold: Two.

SOUTH CAROLINA

AIKEN, January 18-19, 1986 (32nd Annual)
Sponsor: Aiken Camellia Club
Number Blooms Displayed: 818. Attendance: 2,256.
Most Outstanding Bloom: 'Elegans Supreme Var.,' Mr. & Mrs. Fred Hahn
ACS Outstanding Bloom Certificates:
C. japonica:
In Open: 'Black Tie,' Mr. & Mrs. T. C. Evans
Runner-up: 'Tom Cat Var.,' Rupert E. Drews
Under Glass: L-VL: 'Tomorrow Park Hill,' Joe Austin
Under Glass, Sm-Med.: 'Nuccio's Gem,' Mr. & Mrs. Fred Hahn
C. reticulata:
Best Bloom: 'Harold L. Paige,' Joe Austin
C. hybrid:
Best Bloom: 'Debbie,' Mr. & Mrs. William C. Robertson
ACS GOLD CERTIFICATES:
In Open: Parker Connor, Jr.
Under Glass: Ralph B. Davidson
ACS SILVER CERTIFICATES:
In Open: Rupert Drews
Under Glass: Joe Austin
ACS OUTSTANDING ARRANGEMENT CERTIFICATES:
In Open: Sunshine Garden Club
Under Glass: Country Gardeners
Best White: 'Snowman,' Mr. & Mrs. William C. Robertson
Best Miniature: 'Man Size,' Mr. & Mrs. Harry Watson
Best Seedling: #8, Mr. & Mrs. William T. Shepherd
Number of ACS Memberships Sold: One.

CHARLESTON, January 25, 1986 (36th Annual)
Sponsor: Coastal Carolina Camellia Society & Citadel Mall Merchant's Association
Number Blooms Displayed: 787. Attendance: 5,000.
ACS Outstanding Bloom Certificates:
C. japonica:
In Open: 'Guilio Nuccio Var.,' Warner W. Brackett
Runner-up: 'Rose Dawn,' Parker E. Connor, Jr.
Under Glass: 'Tomorrow Park Hill Pink,' Mr. & Mrs. Oliver Mizzell
Runner-up: 'Tomorrow's Dawn,' Mr. & Mrs. Fred Hahn
C. reticulata:
Best Bloom: 'Curtain Call,' Mr. & Mrs. Robert Fowler
C. hybrid:
In Open: 'Freedom Bell,' Parker E. Connor, Jr.
Under Glass: 'Mona Jury Var.,' Joe Austin
ACS GOLD CERTIFICATES:
In Open: Parker E. Connor, Jr.
Under Glass: Joe Austin
ACS SILVER CERTIFICATES:
In Open: Mr. & Mrs. John Thomas
Under Glass: Mr. & Mrs. Fred C. Hahn, Jr.
Best White In Open: 'Ruffian,' M. S. Edwards
Best White Under Glass: 'Charlie Bettes,' Mr. & Mrs. Oliver Mizzell
Best Miniature: 'Little Slam,' Mrs. Alfred Bissell
Best Novice Bloom: 'Herme,' Mrs. Lucille Wischuk
Number of ACS Memberships Sold: None.

COLUMBIA, February 8-9, 1986
Sponsor: Mid-Carolina Cam. Soc.; Columbia Mall & Dimensions in Study Club
Number Blooms Displayed: 1,379. Attendance: 10,000+.
ACS Outstanding Bloom Certificates:
C. japonica: (In Open)
Large-Very Large: 'Elizabeth Boardman,' M. S. Edwards
Runner-up: 'Carter's Sunburst,' Marian E. Dils
Small-Medium: 'Little Man,' Joe Austin
Runner-up: 'Prince Eugene Napoleon,' Parker E. Connor
C. japonica: (Under Glass)
Large-Very Large: 'Elegans Splendor,' Fred Hahn
Runner-up: 'Elegans Splendor,' Fred Hahn
Small-Medium: 'Margaret Davis,' Fred Hahn
Runner-up: 'Sea Foam,' C. T. Freeman
C. reticulata:
Best Bloom: 'Elizabeth Astles,' Robert Fowler
Runner-up: 'Dr. Clifford Parks,' Robert Fowler

C. hybrid:
Best Bloom: 'Elsie Jury,' Mr. & Mrs. Mack McKinnon
Runner-up: 'Mona Jury Var.,' Joe Austin
ACS GOLD CERTIFICATES:
In Open: Parker E. Connor, Jr.
Under Glass: Mrs. Ray D. Watson
ACS SILVER CERTIFICATES:
In Open: M. S. Edwards
Under Glass: Joe Austin
Number of ACS Memberships Sold: Two.

TENNESSEE

CHATTANOOGA, February 22-23, 1986 (22nd Annual)
Sponsor: Chattanooga Camellia Club
Number Blooms Displayed: 1,017. Attendance: 1,000+.
ACS Outstanding Bloom Certificates:
C. japonica:
Large: 'Tomorrow Var.,' Louise Poe Hairston
Medium-Large: 'Pink Frost,' Louise Poe Hairston
Medium: 'Sawada's Dream,' Mr. & Mrs. George Griffin
Small: 'Maroon and Gold,' Porter Fairchild
Miniature: 'Lela Laurens,' Mr. & Mrs. George Griffin
C. reticulata:
Best Bloom: 'Hody Wilson,' Louise Poe Hairston
C. hybrid:
Best Bloom: 'Julia Var.,' Mr. & Mrs. Herb Brown
ACS GOLD CERTIFICATE:
Ralph Davidson
ACS SILVER CERTIFICATE:
Mr. & Mrs. George Griffin
Best White: 'Sea Foam,' Mr. & Mrs. Herb Brown
Number of ACS Memberships Sold: None.

NASHVILLE, March 1-2, 1986 (14th Annual)
Sponsor: Middle Tennessee Camellia Society
Number Blooms Displayed: 1,027. Attendance: 3,000.
ACS Outstanding Bloom Certificates:

C. japonica:
Large-Very Large: 'Guilio Nuccio Var.,' Louise Poe Hairston
Medium-Large: 'Pink Frost,' Louise Poe Hairston
Medium: 'Margaret Davis,' Mr. & Mrs. George Griffin
Small: 'Grace Albritton,' Mr. & Mrs. Dick Frank
Miniature: 'Man Size,' H. T. Brown, Jr.
C. reticulata:
Best Bloom: 'Jean Pursel,' George W. Crawford
C. hybrid:
Best Bloom: 'Mona Jury Var.,' Dr. C. David Scheibert
ACS GOLD CERTIFICATE:
Dr. C. David Scheibert
ACS SILVER CERTIFICATE:
Mr. & Mrs. George Griffin
Best White: 'Feathery Touch,' Ralph Davidson
Number of ACS Memberships Sold: One.

TEXAS

DALLAS, January 18, 1986 (33rd Annual)
Sponsor: Dallas Camellia Society
Number Blooms Displayed: 630.
Most Outstanding Bloom: 'Tomorrow's Sweet Image,' David S. Rubin
ACS Outstanding Bloom Certificates:
C. japonica:
Large-Very Large: 'Tomorrow's Sweet Image,' David S. Rubin
Runner-up: 'Tomorrow's Dawn,' Jon L. Carvain
Medium-Large: 'Pink Pagoda,' Ray Bond
Runner-up: 'In The Pink,' Mr. & Mrs. L. H. Reese
Medium: 'Dixie Knight Supreme,' Dr. Emil Carroll
Runner-up: 'Diddy's Pink Organdie,' Charles B. Malone, Jr.
Small: 'Pink Perfection,' Charles B. Malone, Jr.
Runner-up: 'Grace Albritton,' G. F. Abendroth
Miniature: 'Hopkins Pink,' Jon L. Carvain
Runner-up: 'Man Size,' David S. Rubin
C. reticulata:
Best Bloom: 'Jean Pursel,' Roy Stringfellow
Runner-up: 'Lasca Beauty,' G. F. Abendroth
ACS GOLD CERTIFICATE:
Dr. Emil Carroll
ACS SILVER CERTIFICATE:
Mrs. Ethel S. Worley
Number of ACS Memberships Sold: None.

FORT WORTH, February 16, 1986 (28th Annual)
Sponsor: Fort Worth Camellia Society
Number Blooms Displayed: 436. Attendance: 3,000.
ACS Outstanding Bloom Certificates:
C. japonica:
Large-Very Large: 'Jean's Unsurpassable,' S. P. McMurrey
Runner-up: 'Helen Bower,' Dr. Emil Carroll
Medium-Large: 'Ville de Nantes,' Dr. Emil Carroll
Runner-up: 'Ville de Nantes Red,' Dr. Emil Carroll
Medium: 'Dixie Knight Supreme,' Dr. Emil Carroll
Runner-up: 'Margaret Davis,' S. P. McMurrey
Small: 'Grace Albritton,' Jon Laird Carvain
Runner-up: 'Tammia,' Jack Greenberg
Miniature: 'Bonbon,' Mrs. Temple P. Bowen
Runner-up: 'Something Beautiful,' Mrs. Temple P. Bowen
C. reticulata:
Best Bloom: 'Lasca Beauty,' Dr. Wm. S. Morrow
Runner-up: 'Curtain Call,' Dr. Emil Carroll
C. hybrid:
Best Bloom: 'Taylor's Perfection,' Dr. Emil Carroll
Runner-up: 'Julie,' Mrs. Temple P. Bowen
ACS GOLD CERTIFICATE:
Dr. Emil Carroll
ACS SILVER CERTIFICATE:
Mr. & Mrs. L. H. Reese
Best Seedling: #1285-156, Ray Bond
Number of ACS Memberships Sold: None.

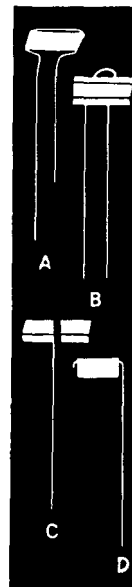
PORT ARTHUR, December 7-8, 1985 (29th Annual)
Sponsor: Southeast Texas Camellia Society
Number Blooms Displayed: 410. Attendance: 750.
ACS Outstanding Bloom Certificates:

C. japonica: (In Open)
Large-Very Large: 'Tomorrow Park Hill,' Hyman Norsworthy
Large: 'Helen Bower,' Harold Woodrom
Medium-Large: 'Betty Sheffield Pink Var.,' Dudley P. Boudreaux
Medium: 'Margaret Davis,' Mrs. Ray Woodward
Miniature: 'Tammia,' Dudley P. Boudreaux
C. japonica: (Under Glass)
Large: 'Jesse Burgess,' Tommy Weeks
Medium-Large: 'Ville de Nantes,' Dr. Emil Carroll
Medium: 'Campari,' Alfus Johnson
Small: 'Ave Maria,' H. Reese
C. reticulata:
In Open: 'Valley Knudsen,' Dudley P. Boudreaux
Runner-up: 'Dr. Clifford Parks,' Dudley P. Boudreaux
Under Glass: 'Valley Knudsen,' Alfus Johnson
Runner-up: 'Lois Shinault,' Alfus Johnson
ACS GOLD CERTIFICATES:
In Open: Dr. Emil Carroll
Under Glass: Dr. Emil Carroll
ACS SILVER CERTIFICATES:
In Open: Dudley P. Boudreaux
Under Glass: Alfus Johnson
Number of ACS Memberships Sold: Three.

TYLER, February 9, 1986 (37th Annual)
Sponsor: Tyler Camellia Club
Number Blooms Displayed: 1,100.
ACS Outstanding Bloom Certificates:
C. japonica: (In Open)
Large: 'Helen Bower,' Dudley P. Boudreaux
Runner-up: 'Guilio Nuccio,' Mr. & Mrs. G. F. Abendroth
Medium: 'Lady Kay,' Dr. Emil Carroll
Runner-up: 'Yours Truly,' Dr. Emil Carroll
Small: 'Little Susie,' Floyd Akin
Miniature: 'Little Slam,' Mr. & Mrs. Alfus Johnson
C. japonica: (Under Glass)
Large: 'Swan Lake,' Ray Bond
Runner-up: 'Guilio Nuccio Var.,' Mr. & Mrs. G. F. Abendroth
Medium: 'Ville de Nantes Red,' Dr. Emil Carroll
Runner-up: 'Dixie Knight Supreme,' Dr. Emil Carroll
Small: 'Grace Albritton,' Jack Greenberg
Runner-up: 'Ave Maria,' John C. Selover
Miniature: 'Bonbon,' Mrs. Temple Bowen
C. reticulata:
Best Bloom: 'Delta Dawn,' Dr. Emil Carroll
C. hybrid:
Best Bloom: 'Charlean Var.,' Dr. & Mrs. R. P. McDonald
ACS GOLD CERTIFICATES:
In Open: Dr. Emil Carroll
Under Glass: Dr. Emil Carroll
ACS SILVER CERTIFICATE:
In Open: Mr. & Mrs. G. F. Abendroth
Under Glass: L. H. Reese
Best Novice Bloom: 'Lucy Stewart,' Dr. Joe Whetsell
Number of ACS Memberships Sold: None.

VIRGINIA

NORFOLK, April 3, 1986 (41st Annual)
Sponsor: Virginia Camellia Society
Most Outstanding Bloom: 'Valentine Day Var.,' Mr. & Mrs. Ira E. Hefner
ACS Outstanding Bloom Certificates:
C. japonica:
Large: 'Rosea Superba Var.,' Dr. C. David Scheibert
Medium: 'Sieur de Bienville,' Dr. & Mrs. J. M. Habel
Small: 'Baby Pearl,' Dr. C. David Scheibert
Miniature: 'Man Size,' Mr. & Mrs. Grover C. Miller
C. reticulata:
Best Bloom: 'Janet Smith,' Mr. & Mrs. Ira E. Hefner
C. hybrid:
Best Bloom: 'Pink Dahlia,' Mr. & Mrs. Ira E. Hefner
Best Seedling: Japonica #1800, Dr. & Mrs. J. M. Habel
Number of ACS Memberships Sold: None.



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HORTICULTURALLY SPEAKING

COMMITTEE ON HORTICULTURE

"How to Reduce Injury From Extremes in Soil Moisture (Drought and/or Soil Water Logging)"

Growing camellias out-of-doors in many parts of the country has become a hazardous business in recent years. Wide swings in temperature and rainfall have been especially prevalent; our winters seem to be getting colder and wetter and our summers hotter and dryer. Last November we discussed what a camellia grower can do about reducing plant stress from abnormal temperatures. In this issue we will attempt to discuss what can be done to protect plants from either excesses or deficiencies in soil moisture.

Much of the information on the subject of soil moisture control is basic to all woody shrubs and trees, not just camellias. Also, much of it has been written before. As the old saying goes, "There is very little new under the sun." Yet, if we limit ourselves to only that which is truly "new," our ACS Journal and that of every other plant society's publications would consist of a scant few pages at most. Thus, if you have heard much of what we have to discuss here before, hopefully there will be a few gems of wisdom here and there that are new, at least to you. For our newer members, some suggestions presented here might make the difference between successful camellia growing with continued membership on the one hand, or failure and loss to ACS on the other. So, bear with us:

Soil conditions in the Washington, DC/Maryland area are highly variable. My own personal experience is limited to three locations: the U. S. National Arboretum; U. S. Plant Introduction Station, Glenn Dale, MD; and our residence in Ashton, MD. Three more widely divergent situations are hard to imagine.

The National Arboretum soil (if this is the proper word) consists of clay used for making bricks. Actually, 44 acres of the Arboretum, acquired about five years ago for a proposed visitors center, was formerly occupied by a brick manufacturing company. Growing camellias, or

any other shrubs or trees is definitely a challenge. Yet, until the recent winter devastations, we had a fine collection of some 900 camellia specimens. Proper drainage is practically non-existent. There are two methods of combating this problem — planting on hillsides or using raised beds. In either case, new soil needs to be brought in to completely change the growing media for establishing the plants. In hillside planting, soil is removed from the planting hole and spread to the downward side of the slope. The hole should be wide and deep enough to accommodate the expected root area of at least a 6 to 8 year old plant. For drainage, the bottom of the hole should be slightly higher than the dug out portion toward the lower slope. Several inches of coarse gravel followed by a good soil mixture are then used in planting the new camellia. On level ground, raised beds, constructed over drainage tile, may be the only answer — a lot of work. Plant size will be limited to the height of the bed and depth of new soil media added on top of the clay.

The U. S. Plant Introduction Station, Glenn Dale, MD is situated on a Sassafras Sandy loam. The area we use for camellias has been in cultivation for over 60 years, has good drainage, and contains more than adequate amounts of humus. It is, perhaps, close to ideal for growing camellias, requires little preparation previous to planting. We use a light mulch of wood chips to help maintain uniform soil conditions. The main problem here is that temperatures at Glenn Dale are generally quite a bit lower than normal for the regions, but good for testing for cold-hardiness.

My residence garden had more sand than soil when I first started landscaping it. Fifteen years of periodically adding peat moss has decidedly improved the moisture retention qualities. However, even today, I can easily rototill my gar-

den the day following a heavy rain. Here, in addition to incorporating large amounts of peat moss in the soil, I mulch very heavily (4 to 6" of wood chips, pine bark, or pine needles when available). I also grow Japanese Iris (moisture loving) in raised beds. Here, in contrast to those at the Arboretum, the bed is completely lined, bottom and sides, with 6 mil. black plastic.

Camellia growers in different parts of the country naturally have different ways of maintaining proper soil moisture. The following contains, in part, the responses of our Committee to that question:

The importance of the proper soil mixes for growing healthy camellias cannot be overstressed. First, some suggestions from perhaps the foremost camellia growers in the country.

From Tom Nuccio, Nuccio's Nurseries, Altadena, California:

For soil mixtures, we at Nuccio's use about 40% sandy loam, 60% peat to which we add about 25% perlite to lighten it. We tell our customers for home planting that a 50/50 native soil and peat moss makes a good mixture if their native soil is of a good drainage nature. However, if their soil is clay-like or heavy, we recommend using only about 30% soil instead, with the rest peat or combination of peat, perlite, fir bark, etc.

Several nurseries from whom we purchase camellias from time to time seem to use a much lighter mix than ours. Just looking at it, it appears like a peat-bark base with some sand, not soil, added in. Although their camellias seem healthy and well grown, I personally like to see some soil mixed in.

One of the big problems we have in regards with staying too wet is (1) slow growers, and (2) 15 gallon container camellias. We have attempted to keep the



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slow growing varieties together. At least we often indicate which ones they are to our employees so that on occasion they can be skipped when they water the other varieties. Another thing that could be done, which we have not done, is to make a lighter (more peat and perlite) mix for these varieties so they would not stay wet so long. This is something that could be done in a home garden situation. If a variety is known to be slow to dry out, the planting media for that variety could be made lighter than the mix for the others. Hopefully, this would help a grower's plants dry out more evenly.

With regards to the 15 gallon container camellias, our problem is that it takes several seasons to fill the can with roots when planting from a 5 gallon size (going to a 7 gallon size instead would be better culture, but it seems to be a size not in demand by the trade). Quite often we will find that the soil at the bottom of the can is always soggy. In the past we have tried a 2 to 4" layer of wood shavings on the bottom and added the soil mix on top. This has brought us good results in that it seems to correct the soggy bottom problem.

From Betty Hotchkiss, of the National Headquarters:

In the middle Georgia area, soil water-logging is not a problem unless camellias are planted in a low area where water stands. Camellias planted in water-logged soil are much more susceptible to the disease 'root rot' than those planted in well-drained soil. Drought, however, can be a serious problem, especially during the summer months. Weekly watering is necessary when rainfall is scarce. It is important to water deeply. Shallow watering will encourage shallow-rooted weak plants. When using overhead watering, plants should be watered early in the day to allow foliage to dry before evening. This will discourage certain types of diseases which flourish in a moist environment. Drip irrigation can be an excellent way to conserve water by placing the water where the roots are. Also, much less water is lost to evaporation when this method is used.

Mulching camellia beds can benefit the plants in various ways. It helps to conserve water by slowing evaporation. It can also help protect plants from cold

damage. Mulching with organic matter such as pine bark can add humus to the soil as it degrades. Pine needles can be a good, inexpensive mulch for camellias.

From Mrs. Lois Boudreaux, Port Neches, Texas:

Here in the lower corner of southeast Texas, because of extremes in moisture at times and because of our flat terrain, it is a requisite that camellia beds be built above the ground level some 6-10 inches. Not preparing such a bed for a camellia is the reason many "would be" enthusiasts quit trying in frustration when their plants die because the roots stay too wet too long. Also, the raised beds provide an easy method to grow camellias in a mix much more conducive to growing fine plants than the undesirable soil (locally referred to as gumbo) in many locations in the area.

Most camellia growers in this area do use mulches to great advantage. Besides the benefit from the organic nutrients, the mulches prevent the plants from drying so readily during those summers which have scant amounts of rain. Ground oak leaves and pine needles are excellent for mulch and retaining moisture. Many growers have automatic sprinkler systems of various kinds but those who do not must hand water with hose and portable sprinklers. When there are periods of drought during some summers, the foliage as well as the roots of camellias benefit from regular watering. Because of frequent high humidity in this area, I know of no one who uses foliage anti-transpirants.

From Col. R. D. Hicks, Ozark, Alabama:

Proper soil content is one of the prerequisites for growing quality camellias. It is seldom that the soil where you plan to plant will require no additives of one sort or another. A high organic content is desirable. Peat moss, once at the top of the list, seems to be on the wane. It is good for about a year, but gradually loses its several advantages. Shredded pine bark has the same advantages of peat moss and is long lasting. It helps provide good tilth, retains moisture, has the desired acidity, and is slow to rot. Terra Lite is a very good soil conditioner for heavy soil. It should be used with care under any circumstances. It has a pH of around 8 and



A smiling Boyd McRee from Conroe, Texas entertains two fellow Texans, Miriam Bills and Martha Disclafani at the Shreveport, LA Show. (Photo by Greg Davis)

does not deteriorate with age. When used with peat moss, pine bark, and other organic sources, the Terra Lite remains around a pH of 8 while the organic material gradually loses its acidity and the pH will eventually approximate 8 unless sulfur or other additives are used to reduce the pH to around 6. The effects of sulfur are long lasting but it takes from 6 to 8 weeks to obtain maximum effects. The rule of thumb is to use from one to two pounds of dry garden sulfur per 100 square feet. Aluminum sulfate can be used to increase acidity but regular checks for aluminum build-up should be carried out. Purchase of a good soil tester will be an excellent investment. Ongoing knowledge of your soil pH will greatly enhance your chances of getting on the Head Table.

From Harold R. Bauer, Maj. Gen. AUS (Ret.), Sumter, South Carolina:

We have no problem here with injury due to extremes in soil moisture (drought or water logging). Our soil is a sandy loam which drains well. The moisture is retained during dry weather by heavy mulching. We use pine "straw" which is added each year. We do not remove any mulch from our plant beds. This practice has been followed since we moved here in 1959. This has built up a fertile soil over many years which keeps our plants a rich green with very little fertilizing. The only plants that we fertilize now are the new plants which have been added to our yard, and also our container plants.

From James Randall, Sacramento, California:

Watering — Watering is one of the most important aspects of Camellia

culture here in the hot and dry great Central Valley of California. During the hot summer I deep water, by hand, about every three or four days. If a few key indicator plants are dry, I water my entire container collection without checking any of the containers as I water. By using a light and porous uniform mix throughout my collection, the possibility of over watering is minimized with the use of this type of mix.

Here in the West we also have to contend with very low summer humidity. Many hobbyists (myself included) have constructed overhead sprinkler systems in their lath areas primarily for cooling, although they can supplement hand watering. I normally run my sprinklers on the hottest days for about five minutes in the late afternoon. The sprinklers provide cooling and added humidity which the plants love. In addition, the water washes dust and insects off the foliage.

Mulching — Mulching helps retain soil moisture and keeps the surface feeder roots of Camellias cool. I find that ½" to 1" of fine to small fir bark works well with container grown plants. Growers should also be especially careful to keep plastic containers out of direct or reflected sunlight. Internal container temperatures could get as high as 140 to 150 degrees F with maximum air temperatures of 110 degrees.

Living mulches in the form of ground covers make excellent mulch by providing a cooler and more humid micro-climate (by transpiration) for plants that are in the ground.

Tea Growing in San Diego*

By BARBARA JONES

YES, THERE WAS a Tea Plantation in San Diego: the plants grew and a crop was harvested and for two years San Diegans enjoyed locally grown afternoon tea.

In 1902, when Congress passed the Spooner Act authorizing the construction of the Panama Canal, it was decided that there should be a World Fair (Exposition) to commemorate the 1915 opening of this wonderful engineering marvel. (It truly is one. I went through last year by boat. Amazing!) San Francisco petitioned for and was awarded the right to hold an Exposition. In 1906, after its infamous earthquake, San Francisco decided it would be impossible to fulfill its commitment, so San Diego petitioned for it. Then, San Franciscans decided, having made a remarkable recovery, that they again wanted the world fair. By then San Diego was well into plans and very excited about the whole idea. A long story here, but the outcome was that there would be two fairs. The official International Exposition would be in San Francisco, and San Diego would have the Panama-California Exposition. (In 1916, San Diego's became the Panama-California International Exposition after the one in San Francisco ended. Many countries moved their exhibits to San Diego.)

This presented the city planners with a problem: how to have something different that would entice visitors to come to San Diego. Now, here is where the San Diego Floral Association comes into the picture. It and this magazine were already in full steam, beautifying the city and telling longtime residents and newcomers what and how to grow. A. D. Robinson, the founding president and this magazine's founder, suggested to the city that they make it a garden fair. Well, everyone took up the idea, and it was decided that this should be the theme. Half of the whole Fair was to be devoted to gardens and plantings. Col. D. C. Collier, chairman of the committee, traveled

around the world enticing important garden businesses to build gardens here or make exhibition growing beds. Sir Thomas Lipton was one of those who was convinced to construct a garden. (He was always looking for new areas to try out his tea plants, anyway.) He sent a boatload of 200 mature commercially bearing tea trees to San Diego. The trees, in soil from his Colombo, Ceylon plantation, were planted in boxes and placed under glass. He also sent one of his head gardeners and Singhalese workers — men to garden and women to pick, roast, and serve the tea. He built a charming eight-sided tea pavilion in Ceylon-British style in the middle of the plantation. All during the two years of the Exposition (1915-1916) fresh picked tea was served to visitors.

Sir Thomas Lipton decided that tea plants would grow here, but he told members of the California Garden staff that he felt the plants would do better farther inland behind the coastal fog belt (about 25 miles inland). He did plan to move the plants and try commercial growing, but along came World War I. Balboa Park was turned into a military hospital and the plans were abandoned. No one knows what happened to the tea trees. For many years the tea pavilion was the south gate of the Zoo. It was destroyed when the Otto Center was built.

Tea, *Thea sinensis*, is a member of the Theaceae. Camellias, which grow very well here, are a member of the family. If one can grow camellias in their garden, tea should grow. It is an attractive plant and, when the leaves are continually picked, makes a nice low shrub. In Japan many old gardens are edged with tea plants, and the leaves are picked and used by the owner.

Imagine the amazement of your guests if you brewed your tea from your own garden. It is possible here, even today. Wouldn't it be fun to grow?

Author's note: Monthly reports concerning all aspects of the planting being done are to be found in *California Garden* magazine for the years preceding and during the Exposition.

Barbara Jones is a member of the San Diego Historical Society. She is also President of the San Diego Floral Association.

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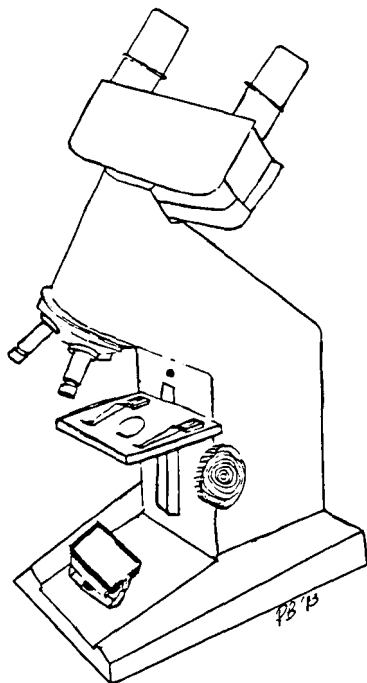
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* From *California Garden*, Vol. 77 (1), January-February 1986.

Notes From The Research Horticulturist

BETTY HOTCHKISS



Whew! Now that May has arrived I can breathe a sigh of relief that we made it through a winter at Massee Lane without any serious cold damage to the camellias. I had begun to fear that I was a jinx as the first two years of my residence as Horticulturist produced the two most severe cold spells on record for our area. The camellias at Massee Lane and throughout the Southeast are making a comeback and should again produce beautiful blooms in another year. To ensure a return of the plants to good condition, it is important that we fertilize, water, and prune properly throughout the spring and summer.

With the advent of Spring, we all become anxious to get our yards into tiptop shape and it is a good time to think about mulching camellias. If you have never mulched your plants, the benefits have been discussed many times and you are missing out. In our area pine straw makes a good inexpensive organic mulch. Other good mulches include pine bark, newspaper, or even a living ground cover. Ground covers can provide an interest in

your camellia garden during a time of year when camellias are not in bloom.

Dry weather has been a problem this year in our area during the late winter and early spring. This can be especially desiccating to plants when accompanied by the winds of March. Be sure to read more on this subject in 'Horticulturally Speaking' elsewhere in this issue.

Camellias shed approximately $\frac{1}{3}$ of their leaves in the early spring each year. During this period, plants are particularly susceptible to the fungus causing dieback. This fungus, carried by splashing rain or insects, can enter the plant through the leaf scar formed when leaves are shed. To help prevent entry of the

fungus into the wounds, plants can be sprayed with benomyl (1 Tbsp./2 Gal. water) at 14 day intervals during the leaf fall period. At the recent Norfolk meeting, Dr. Baxter (who has done much work with this disease at Clemson University) suggested using a mixture of Captan (2 Tbsp./1 Gal. water) and benomyl (1 Tbsp./2 Gal. water) when soaking scions before grafting. This mixture might also prove to be effective in the spring while spraying plants.

The Scheibert Rose Garden at Massee Lane is beautiful in its second year of bloom. We are so pleased to have this spot of summer color. The Japanese Garden is now underway and should be completed in the early to mid-summer. This addition will be a beautiful spot in the gardens throughout the year with camellias and other native oriental plants, a tea house, and a flowing stream. We hope you will visit Massee Lane to see these new additions.

ACS

Camellia chrysantha Susceptible to Canker*

LUTHER W. BAXTER, JR.,
W. L. ACKERMAN
and SUSAN G. FAGAN

Plant pathologists have known for many years that several camellia species are susceptible to dieback, caused by a strain of the fungus *Glomerella cingulata*.^{2, 4, 5, 6} For example, *C. japonica*, *C. sasanqua*, *C. hiemalis*, *C. reticulata*, and *C. oleifera* are camellia species that are susceptible.

In 1980 ten seeds of the yellow camellia, *C. chrysantha*, were sent to the United States from Kunming, China.^{1, 3} They were planted and eight plants resulted. Australia also received seeds at that time. The senior author successfully grafted scions of one of these plants onto

seedling stock of *C. oleifera* and *C. sasanqua*. Over a 3-year period 25 to 30 plants have been grown in a greenhouse. A few cuttings of *C. chrysantha* were rooted and they also have grown well. For us it is easy to propagate and grow. Watering, fertilization and spraying programs used on other camellias have been used successfully on *C. chrysantha*.

On 9/18/85 an experiment was started to test *C. chrysantha* for susceptibility to stem canker. A group of plants was inoculated by cutting through the bark to the stem cortex with a common pocket-knife and applying spores and hyphae of a virulent isolate of *G. cingulata* to the cut surface. Inoculated wounds were wrapped with moist, absorbent cotton. A group of plants was wounded but not inoculated. All plants were watered, fertilized and sprayed for insect and mite control.

The plants were observed from time to time and by mid-January, 1986, large

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* Supported in part by The American Camellia Society.



FIGURE 1. Side view of canker on stem of *Camellia chrysantha* caused by the camellia strain of *Glomerella cingulata* (wound inoculated).

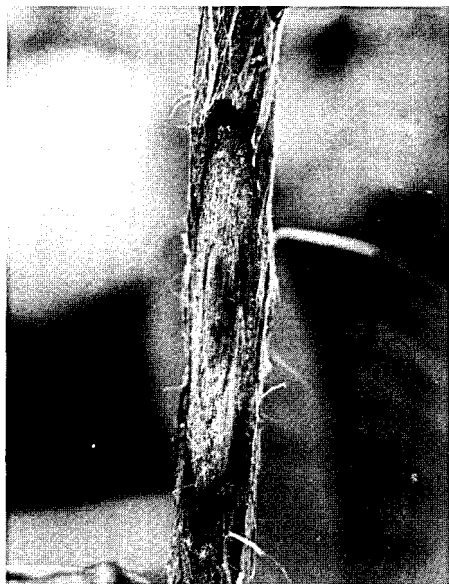


FIGURE 2. Face view of canker on stem of *Camellia chrysantha* caused by the camellia strain of *Glomerella cingulata* (wound inoculated).

cankers were obvious on inoculated stems (Fig. 1 & 2). Fig. 1 is a side view of a typical canker and Fig. 2 is a face view of it. Note its relative size compared to leaves and petioles where the distance between leaves on the stem is about 1 inch. Wounded controls healed.

Cankers were about the size one would expect to find on stems of known susceptible cultivars of *C. sasanqua* after inoculation with *G. cingulata*. Cankers developed rapidly on these plants even during winter months when greenhouse temperatures were maintained at approximately 21 C (70 F). The fungus was

recovered by standard procedures from one of these stem cankers on *C. chrysantha* and found to be identical in appearance to the original isolate.

This study indicates that the only clonal line of *C. chrysantha* tested is susceptible to attack by the only clonal line of the pathogen used. It is highly probable, however, that other *C. chrysantha* are similarly susceptible to attack by the pathogen. Procedures used to control "dieback" of *C. japonica* and *C. sasanqua* should be effective in controlling "dieback" of *C. chrysantha*.

ACKNOWLEDGMENT

Thanks to Drs. O. J. Dickerson and W. M. Epps (plant pathologists) for reviewing the paper, and to Bruce Hagan (photographer) for the pictures.

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—ACS—

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Camellia Chrysantha: A Warning*

By TOM SAVIGE, Hume Branch

The five (5) seeds of this species received early in 1980 all sprouted and grew away. Two were sent to other growers for safety and the remaining three clones grafted onto *C. japonica* stocks. These grew to sizeable plants and many scions were sent to friends around the world.

Last year, in an endeavour to find suitable conditions to start flowering, the plants were put into different environments: one with close protection in the glasshouse, a second in the shade house and the third in a more open situation. This last plant developed considerable leaf burn last summer and was brought back into the shade house where it began to produce new growth. However, this growth began to wither, the leaves of the new growth falling while still green. The plant was pruned and returned to the glasshouse where it slowly reduced itself to two leaves.

Then the second plant in the shade house started to do the same thing followed later by the first one in the glasshouse.

In June of this year we were visited by Colonel Tom Durrant of New Zealand. He examined the plants and offered the opinion that what was happening was exactly the same as occurred to the plants of *C. reticulata* that he had imported from China in 1964 and that they were severely infected with *Glomerella cingulata* or "Dieback." He had saved his plants by using griseofulvin. However, as this was not available the chrysanthas were sprayed with a mixture of the systemic fungicides Captan and Benlate. The second plant from the shade house promptly wilted and the whole plant adopted the usual dieback symptom of holding on to its dead leaves. The larger and more healthy plant in the glasshouse appears to be surviving.

There are some thousands of *Camellia* plants in the shade houses and garden, encompassing about 25 different species,

and no others have suffered from this infection so one can only assume that *C. chrysantha* is extremely susceptible to some strains of the dieback fungus. This seems to enter at the starting point of the new growth and affect this first: the soft

new leaves falling while still green and not holding on when dead as do the mature leaves.

So watch your plants of this species and keep a suitable systemic fungicide handy.

—ACS—

Confirmation of Susceptibility of *Camellia Chrysantha* To Dieback Caused By *Glomerella Cingulata*

LUTHER W. BAXTER, JR., and SUSAN G. FAGAN¹

This is written in response to the article by Tom Savige (Australia) published in the September 1985 edition of "Camellia News," (Page 4), entitled "*Camellia chrysantha*: A Warning."

Mr. Savige refers to a visit by Colonel Tom Durrant of New Zealand, and he (Col. Durrant) concluded that *C. chrysantha* plants that had leaf drop (young, developing leaves) were affected by dieback, caused by *Glomerella cingulata*.

In our experience over the past 35 years with camellias affected by *G. cingulata*, young, developing leaves can fall as he described when infection occurs through fresh leaf scars. Typically, some old leaves fall at, or about the time of, the beginning of new growth in the Spring — that is, from the development of mature vegetative buds, usually in the axils of leaves from last year's growth.

We have used known virulent cultures of *G. cingulata* to inoculate fresh leaf-scar wounds of *C. japonica* and *C. sasanqua*, usually during early May here at Clemson, SC. Depending on temperature and camellia variety, infection results, and young twigs that develop from these inoculated lateral vegetative buds wilt within 5 to 15 days. Then young leaves drop off. When older twigs become infected and are killed, the leaves turn brown and remain attached to the dead stem.

We inoculated wounded stems of *C. chrysantha* with a known virulent isolate of the camellia strain of *G. cingulata*

(G484). Infection resulted and large cankers formed within three months. Wounds were made with a knife on mature stems at the time of inoculation. However, we have not, as yet, inoculated plants through leaf scars at the time of new growth development.

Mr. Savige writes: "However, this growth began to wither, the leaves of the new growth falling while still green." I did not pick up on this in the first reading, but Mr. Savige is saying that the young leaves on new twigs that become infected fall *before twigs and leaves mature*. It is after maturation of stems and leaves that leaves dry up, turn brown and remain attached after being killed by the dieback fungus, *G. cingulata*.

Mr. Savige's observation, along with those of Colonel Tom Durrant of New Zealand, are compatible with experimental results that we have gotten when susceptible *C. japonica* and *C. sasanqua* cultivars were inoculated with this fungus.

We agree with the use of the captan (2 tablespoonsful per gallon of water) — benomyl (Benlate — one-half tablespoonful per gallon of water) mix. However, our results using griseofulvin were negative. The captan-benomyl mix should be used at the time just before and during leaf fall since infection takes place through wounds left by fresh leaf scars. Once the fungus is inside the camellia tissue, neither captan nor benomyl will kill the fungus. Captan is not a systemic fungicide, and benomyl is not adequately systemic to kill *G. cingulata* inside diseased camellia tissue.

* From *Camellia News*, No. 94, September 1985, The Australian Camellia Research Society.

¹ Professor and Ag. Sci. Asst., Department of Plant Pathology and Physiology, Clemson University, Clemson, SC 29634-0377.

Book Reviews

Manual of Cultivated Broad-leaved Trees and Shrubs, Vol. I and II

By GERD KRUSSMANN,
translated by Michael Epp

At last those of us unfamiliar with the German language can use and enjoy this remarkable encyclopedic survey of trees and shrubs. Our European counterparts have depended upon it as definitive for two decades. Gerd Krussmann was one of the plant polymaths of all time, and certainly the leading figure in horticulture in the last half of the twentieth century. Much of his reputation rests squarely upon this monumental work.

In nearly 1,500 pages, the author has described 796 genera, 5,400 species and 6,004 cultivars, which comprise all the presently known garden-worthy trees and shrubs utilized in temperate and subtropical climates, plus providing advice on cultivation, propagation, and other useful gardening know-how. The information accumulated in this 4-volume work beggars the language in describing its usefulness and impact. It is to the world of plants what the *Encyclopaedia Britannica* is to the world of human knowledge. It might not be going too far to say that if you can't find it in Krussmann, it isn't worth knowing.

This English language edition has been translated by Michael Epp, a trained horticulturist and translator of a previous Krussmann work, from the third and last edition which Krussmann wrote in 1982. The user — it is difficult to say the reader because this is hardly a book to read but rather a major reference tool — will therefore find it completely current and up-to-date.

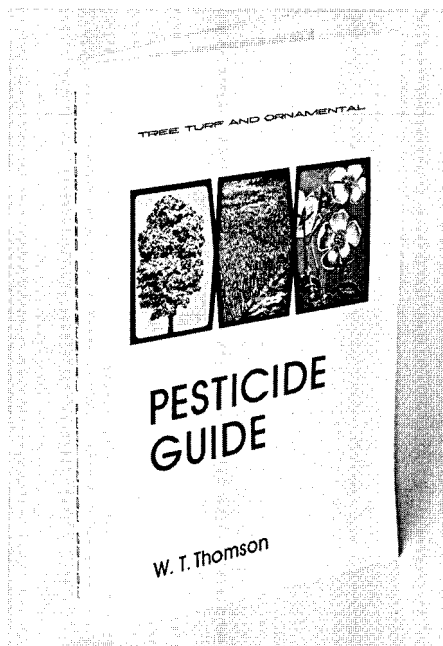
As if the exhaustive text were not sufficient, the work is profusely illustrated with numerous line drawings, tables, keys, and black and white photographs — all carefully presented to better help the user comprehend the material more easily.

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'Lamar Wilkes,' large, dark rose pink, peony form <i>C. japonica</i> sport of 'Leslie Wilkes,' early to late season	1989	Mrs. Herman Johnson
'Beverly L. Baylies,' large, light pink deeper at edge, semidouble, <i>C. saluenensis</i> hybrid chance seedling, early to late season	1990	Huntington Lib. & Gdn.
'Allen Kloman,' miniature to small, white with red streaks, semidouble to anemone form <i>C. japonica</i> ('Little Sittart' x ['Elizabeth Boardman' x 'Colonial Dame']), late	1991	Marvin Jernigan
'Miss Rebecca,' very large, red, rose form double <i>C. reticulata</i> chance seedling of 'Purple Gown,' mid-season to late	1992	E. Kettle
'Kaye Fuller,' large, rose pink shaded cyclamen, anemone form, <i>C. reticulata</i> chance seedling of 'Chang's Temple,' mid-season	1993	John Hunt
'Mitt Carter,' medium to large, blush pink, single <i>C. japonica</i> chance seedling, early to mid-season	1994	Mrs. Herman Johnson
'Dahlohnega,' small to medium, canary yellow, formal double <i>C. japonica</i> ('Witman's Yellow' x [seedling x ('Elizabeth Boardman' x 'Colonial Dame')]), mid-season	1995	Walter F. Homeyer, Jr.
'Dr. O. V. Lewis,' large, dark red, anemone form <i>C. japonica</i> chance seedling, early to mid-season	1996	Dr. O. V. Lewis
'Jeanne Lewis,' large, deep pink to rose, anemone form <i>C. japonica</i> chance seedling, early to mid-season	1997	Dr. O. V. Lewis
'Lady Estelle Peel,' large to very large, dark pink shaded to pale pink, semidouble <i>C. japonica</i> chance seedling, mid-season	1998	Virginia E. Majette
'Calvin Entrekin,' miniature to small, deep pink, formal double <i>C. japonica</i> chance seedling, early	1999	Calvin Entrekin
'Jane Griffin,' small, shell pink, formal double <i>C. japonica</i> chance seedling, mid-season to late	2000	Jane & George Griffin
'Red Blossom,' large, very red, peony form <i>C. japonica</i> chance seedling, early to mid-season	2001	Paul Gilley
'Dr. Cy Echols,' large, deep rose pink var. white, semidouble <i>C. japonica</i> chance seedling, mid-season	2002	Paul Gilley
'Jane Lawton,' large to very large, solid pink, semidouble <i>C. japonica</i> chance seedling, mid-season	2003	Olin T. McIntosh
'Survivor,' medium, medium pink, peony form <i>C. japonica</i> chance seedling, mid-season	2004	John B. McFerrin

CORRECTIONS:

1. 'Betsy,' ACS Reg. #1966 — Page 182, 1985 *Yearbook* — change from *C. reticulata* chance seedling to *C. japonica* chance seedling.
2. 'Standing Ovation,' ACS Reg. #1954 — Page 181, 1984 *Yearbook* — Change from *C. japonica* chance seedling to *C. reticulata* chance seedling.
3. 'Charmer,' ACS Reg. #1983 — Page 182, 1985 *Yearbook* — change name to 'Piquant' as there is already a *C. sasanqua* by that name.

—ACS—

Millie Botesky
Mr. & Mrs. John R. Comber
Mr. & Mrs. W. T. Shepherd
Mrs. Charles B. Evans
Mrs. A. J. Evans, Jr.
Mrs. Clyde X. Copeland
Mrs. Louisa W. McEachern
Dr. & Mrs. Herbert Racoff
Mr. & Mrs. Sampson M. Culpepper
Mr. & Mrs. Thomas E. Hughes
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Anne H. Cutchin
Miss Charlotte Beale

Mr. & Mrs. I. F. Murph
Mr. & Mrs. G. Ernest Harrison
Aiken Camellia Club
Mr. C. T. Freeman
Mr. & Mrs. Kermit Agee
Texas Camellia Society
Dr. James M. Ciaravella, New Orleans, LA
Mrs. James M. Ciaravella
Mr. George Firth, Crestview, FL (Died December 11, 1985)
Jean, John & Carol Comber
Mr. & Mrs. Ray Gentry
Dr. & Mrs. H. L. Berridge
Fort Walton Camellia Society
Mr. & Mrs. Robert R. Griggs, Jr.

Show Dates

(ACS Cooperative Shows)

<i>Place, Location, Sponsor</i>	<i>Date</i>
Greenwood, SC; Crosscreek Mall; West Carolina Camellia Society	October 18-19, 1986
Fort Valley, GA; Massee Lane Hgt. ACS; Middle Georgia Camellia Society	November 8-9, 1986
Valdosta, GA; Valdosta Mall; Valdosta Camellia Society and First State Bank	November 15-16, 1986
Tallahassee, FL; Tallahassee Mall; Men's Camellia Society of Tallahassee	November 22, 1986
Gulfport, MS; Harrison County Courthouse; Gulfport Area Camellia Society	November 22-23, 1986
Port Arthur, TX; Central Mall, 3100 Hwy. 365; Southeast Texas Camellia Society	November 22-23, 1986
Jacksonville, FL; Grande Boulevard Mall; Camellia Society of North Florida	December 6-7, 1986
Jacksonville Beach, FL; Community Center, Island of Beaches Camellia Society	December 6-7, 1986
Slidell, LA; Slidell City Auditorium; Ozone Camellia Club	December 6-7, 1986
Brookhaven, MS; Brookhaven Camellia Society	December 13, 1986
Baton Rouge, LA; Baton Rouge Camellia Society	January 10-11, 1987
Lakeland, FL; First Federal Florida; First Federal Florida	Jan. 31-Feb. 1, 1987
Jackson, MS; Jackson Camellia Society	Jan. 31-Feb. 1, 1987
Tyler, TX; First City National Bank of Tyler; Tyler Camellia Club & First City Nat. Bank	February 8, 1987
Fort Worth, TX; Conservatory, Botanic Garden, Fort Worth Camellia Society	February 15, 1987
Atlanta, GA; Atlanta Botanical Gardens — Day Exhibit Hall; North Georgia and Atlanta Camellia Societies	February 21-22, 1987
Wilson, NC	February 21-22, 1987
Bakersfield, CA; Cunningham Art Gallery; Camellia Society of Kern County	March 7-8, 1987
Portland, OR; Jantzen Beach Mall; Oregon Camellia Society (In conjunction with ACS 42nd Annual Meeting)	April 4-5, 1987

— ACS —

FUTURE MEETINGS OF THE ACS

November 6-8, 1986 Lenox Inn, Pensacola, FL
 April 2-5, 1987 Thunderbird Motor Inn, Portland, OR

— ACS —

Mrs. Virginia Freshwater, Fort Valley, GA
 Dr. & Mrs. Daniel E. Nathan
Mrs. Lucille H. Fulmer (Died January 16, 1986)
 Mr. & Mrs. Jack W. Teague
Mrs. John Geiser, Slidell, LA (Died January 24, 1986)
 Mr. Joseph H. Pyron
 Mr. & Mrs. Milton H. Brown
 Jean, John & Carol Comber
 Mrs. Charles F. Urquhart, Jr.
 Mr. & Mrs. G. Ernest Harrison
 Mr. & Mrs. John W. Terry
 Mr. & Mrs. G. F. Abendroth
 Mr. & Mrs. A. B. Cooper
 Mr. Roy C. Stringfellow
 Dr. & Mrs. Fred Lee
 Mrs. Clyde X. Copeland
 Dr. & Mrs. D. Lyle Robertson
 Mrs. Joseph J. Ciolino
 Dr. & Mrs. H. L. Berridge
 Mr. & Mrs. C. C. Crutcher
 Jackson Camellia Society
 Mr. & Mrs. Alfus O. Johnson
 Mr. Robert A. Sansing, Jr.
 Mr. & Mrs. Ray Gentry
 Mr. F. F. Becker, II
 Mr. & Mrs. Boyd C. McRee
 Mr. & Mrs. L. T. Smith
 Mr. Thomas H. Perkins, III
 Mr. & Mrs. George W. Crawford
 Mr. & Mrs. W. F. Mann
 Gulfport Area Camellia Society
Mrs. Willard F. Goertz, Duarte, CA
 Mr. Roy C. Stringfellow
Mrs. Joseph C. Greenfield, Atlanta, GA
 Atlanta Camellia Society
Mr. Wilbur M. Harling, Jr., Gainesville, FL
 (Died February 23, 1986)
 Mr. & Mrs. Ivan J. Mitchell
 Mr. & Mrs. Milton H. Brown

Mr. & Mrs. Henry C. Lunsford
 Mr. & Mrs. William J. Boll
 Dr. & Mrs. Merle Battiste
 Mr. & Mrs. Gerald Ellis
 Mr. & Mrs. James Gahan
 Dr. Joe Herbstman
 Mr. & Mrs. John Hintermister, Jr.
 Mr. & Mrs. Joe C. Jenkins, Jr.
 Mr. & Mrs. Dan McCloud
 Mr. & Mrs. James A. Reser
 Mr. & Mrs. William T. Shaddick
 Dr. & Mrs. Cecil Simmons
 Dr. William H. Smith
 Mrs. Mildred Vyverberg
 Dr. & Mrs. Franklin H. White
 Mr. & Mrs. Lionel D. Worthy
Mr. J. Freeman Hart, Jr., Macon, GA
 Mr. & Mrs. Milton H. Brown
Mr. Stanley Holtzclaw, Greer, SC (Died January 9, 1986)
 Mr. & Mrs. Paul A. Dahlen
 Mr. & Mrs. Milton H. Brown
 Dr. & Mrs. Herbert Racoff
 Atlantic Coast Camellia Society
 Mr. & Mrs. William C. Robertson
 Mr. & Mrs. Jack W. Teague
 Mr. & Mrs. C. Boynton Cole
 Mr. & Mrs. Thomas C. Evans
 Mr. & Mrs. Geary M. Serpas
Mrs. Orbin D. Howell, Macon, GA
 Dr. & Mrs. Daniel E. Nathan
 Mr. & Mrs. Milton H. Brown
 Dr. & Mrs. Earl Beatty, Jr.
Mr. John Marshall Jones, Savannah, GA (Died December 16, 1985)
 Mr. & Mrs. Stephen K. Myers
 Mr. Russell W. Carpenter
 Mr. & Mrs. Milton H. Brown
 Mr. & Mrs. Thomas C. Evans
 Mrs. George S. Clarke, Jr.

Dr. & Mrs. Daniel E. Nathan
 Col. & Mrs. Albert S. Britt, Jr.
 Gen. & Mrs. George S. Beatty, Jr.
 Mrs. Philip W. Beckwith
 Mr. & Mrs. Leon Slotin
 Mr. Joseph H. Pyron
 Mr. & Mrs. C. B. Compton
 Mr. & Mrs. Robert V. Martin, Jr.
 Dr. & Mrs. Moultrie Lee
 Mr. & Mrs. B. C. Murphy
 Mr. & Mrs. John S. Poindexter, Jr.
 Mr. & Mrs. Julian B. Space
 Mr. & Mrs. C. Boynton Cole
 Mrs. R. S. French
 Mrs. Lucy K. Hotchkiss
 Judge & Mrs. Sherrill Halbert
 Mr. & Mrs. Carl M. Allen, Jr.
Mr. Pete Joyner
 Mr. & Mrs. Jack H. Braucht
Mrs. Lillian Kloman
 Mr. & Mrs. Henry C. Lunsford
Mr. E. J. Laurent, Metairie, LA
 Mr. Robert A. Sansing, Jr.
 Mr. & Mrs. John R. Comber
 Mr. & Mrs. Ray Gentry
Miss Helen Marshall, Fort Valley, GA
 Mr. Floyd E. Carithers
Mr. Walter McIlhenny
 Mr. & Mrs. Henry S. Stone
Mr. Floyd K. McTyler, Exton, PA
 Mr. Floyd E. Carithers
Mr. Philip L. Mobley, Ceres, CA
 Modesto Camellia Society
Mr. Herman Moyse, Sr., Baton Rouge, LA
 Mr. & Mrs. Henry S. Stone
Mrs. Alison J. Parsons, Norfolk, VA (Died January 16, 1986)
 Dr. & Mrs. J. M. Habel, Jr.
 Mr. & Mrs. Milton H. Brown
 Mr. Joseph H. Pyron
 Mrs. Charles F. Urquhart, Jr.
 Mr. & Mrs. Thomas C. Evans
 Virginia Camellia Society
 Mr. & Mrs. C. Boynton Cole
 Mrs. Charles C. Mason
Mrs. A. W. Patton, Jr., Tuscaloosa, AL
 Mrs. Lawrence R. Smith
Mrs. Frank Peeples (Sister of Mrs. William Parks Stevens, Macon, GA)
 Mr. Joseph H. Pyron
 Mr. & Mrs. Milton H. Brown
 Dr. & Mrs. Frank M. Houser
Mr. Ernest E. Pieri, San Gabriel, CA
 Mr. & Mrs. I. John Movich
Mr. Newton T. Pratt, Sacramento, CA
 Mr. Herbert J. Martin
Mr. Ernest W. Richardson, Richland, GA
 Mrs. Ernest W. Richardson
Mrs. Irving Rigdon, Fort Valley, GA
 Dr. & Mrs. Daniel E. Nathan
Mrs. Clifford W. Royston, Sacramento, CA
 Mr. Herbert J. Martin
Mr. C. H. (Cliff) Sanders, Macon, GA
 Mr. & Mrs. Wyman J. Priestler, Jr.
Mr. John N. Sewell, Jacksonville, FL
 Mrs. John N. Sewell
Mr. W. P. Simmons, Macon, GA
 Middle Georgia Camellia Society
Mr. Porter Dean Thomas

Albany Men's Garden Club
Mr. Carl A. Wagner, Piedmont, CA (Died
 December 1985)
 Mr. & Mrs. Frank V. Pursel
 Northern California Camellia Society
Mr. K. C. Waldo, Wilmington, NC
 Tidewater Camellia Club
Mr. L. L. Westmoreland, Fort Valley, GA (Died
 December 12, 1985)
 Dr. & Mrs. Earl Beatty, Jr.

Mr. Curtis T. Williams, Birmingham, AL (Died
 January 14, 1986)
 Mr. Robert A. Sansing, Jr.
 Mr. & Mrs. Milton H. Brown
 Mr. & Mrs. John R. Comber
 Mr. & Mrs. Ralph B. Davidson
Mrs. Robert P. Woltz, Jr., Fort Worth, TX
 Mr. Roy C. Stringfellow
Mr. Charles O. Zagst, Houston, TX
 Houston Camellia Society (Excess from Fall
 Meeting)

— ACS —

A Strange Case For *C. Chrysantha* Flowering

By WILLIAM L. ACKERMAN

Much has been written about the phenomenon of flower bud initiation and development in plants, and camellias are no exception. We have come to believe that to have camellia plants flower, certain prerequisites are essential. First, a plant must be mature; a young seedling continues to put on vegetative growth during its youth with no apparent evidence of flower bud initiation. It is said to have a high nitrogen-low carbohydrate ratio which favors vegetative development and inhibits flower bud development. As a plant grows older (matures), this ratio gradually shifts to a low nitrogen-high carbohydrate ratio. Only when this ratio reaches a certain level suitable for a given species is a plant capable of flower production. This is why, if we tend to fertilize too heavily with high nitrogen fertilizers, we tend to prolong its period of juvenile growth and we may even revert a mature flowering plant back to a period of 'second childhood' (to a non-flowering vegetative condition).

Of course, there are other requirements before even mature camellias will flower. There must be a period of long days with high temperatures (usually July and August in the U. S.) for a plant to initiate flower buds. This to be followed by short days and cool temperatures for flower development and blossoming.

So much for the textbook explanation of the process of flower bud initiation and blossoming. Sometimes Mother Nature throws a curve ball that defies logic. Such a case is the point of this article. First, a little background.

In January 1980, we received at the National Arboretum, five seeds of *C.*

chrysantha from which four vigorous seedlings were developed (one seed was crushed in mailing). The following year, scions taken from these were grafted onto two large *C. japonica* plants growing in a ground bench in a greenhouse at the U. S. Plant Introduction Station, Glenn Dale, MD. These grafts grew vigorously and when they started to press against the glass roof (four and five feet, respectively, for the two plants), the terminal growth was cut for scions, which encouraged much side growth. These plants, now five years from graft, have never flowered and at present there are no indications that they will this season.

During the summer of 1984, a series of cuttings were taken and 45 young plants are now growing in 4" pots. Forty of these are presently in a state of vigorous new growth and vary in size from 10 to 16". The other five have no new growth (are presently only 3 to 4" tall) but have produced flower buds instead (see Figure 1). These flowers opened normally and produced good pollen.

Why should these small immature rooted cuttings produce flowers when the large, supposedly mature, grafted plants remain barren? This is the curve ball I referred to earlier. Analyzing the various explanations has only deepened the mystery.

When harvesting and setting cuttings during mid-to-late summer, it is quite common to collect cuttings on which flower bud differentiation has already taken place. These cuttings may be quite indistinguishable from others containing only undifferentiated vegetative buds. Cuttings with flower buds usually are

slower in rooting but none-the-less usually do root and provide the strange appearance of a small rooted twig with flowers on it. Had this been the case regarding the *C. chrysantha* cuttings, they would have flowered a year ago — not now. Also, since no flowers have appeared on the parent plants, it would be strange indeed if the only flower buds present were on these few cuttings taken.

What about differences in temperature and fertilization? This, too, runs into a stone wall. Both grafted plants and cuttings are being grown in greenhouses at Glenn Dale; although separate houses, there was no appreciable differences in temperature that I am aware of. A standard application of Osmocote 13-13-13 (3-month release) is used on all camellias at Glenn Dale (including the grafted *C. chrysanthas*), which has proven quite satisfactory for flower production. This same fertilizer was used on the cuttings.

As you can tell by now, I have no logical explanation for why these rooted cuttings flowered. For me, it remains a mystery. However, I have used the resulting *C. chrysantha* pollen to make several hundred crosses. Perhaps it is enough to simply accept a gift of Providence and not to always question why!

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By Jim Darden



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Save The Centenarian Camellia

By J. CARROLL REINERS
Sacramento, California

A camellia welded a reciprocal relationship between the City of Sacramento's Park Department and the Camellia Society of Sacramento. Beginning in January 1985 the Society became the cultural custodian and planning consultant of the Camellia Garden situated, opposite the Zoo area, in William Land Park. There was nothing unusual in the general idea except that within the group of 75 existing camellias was one which was researched to be 130 years old and it was in an advanced state of senescence. Surely it could not exist beyond another ten years unless a miracle happened. At this time Ed Combatalade, a member of the Society and father of the Sacramento Camellia Festival, stepped into the picture and decided, "Something has to be done."

Ed called me to a meeting with the Park Supervisor and we started the ball rolling to "Save the Camellia." The City was extremely receptive to the idea, actually encouraging the Society to take over the cultural aspects of the entire camellia garden, while the City continued the routine maintenance of the area. The Camellia Society Board of Directors was also receptive to this reciprocal arrangement and as one board member stated, "We should have started something like this years ago."

The Board voted to spend up to \$50, in 1985, for the needed stimulative "medicines" to perk up the old Camellia and another \$20 in 1986 with the hope that this would be sufficient to teach the tree to again grow instead of showing an annual dieback. The City provided stakes, fertilizer, wire mesh to protect the trunks from hungry squirrels, and what ever else we needed to accomplish our work. The City removed older shrub plantings and several trees which were a demerit to the landscape and which opened up areas for more camellia plantings. Everyone agreed that we would gradually replace many existing camellias for better color distribution in the garden because there were about 30 deep red camellias in one area which were monochromatically dull

and contributed poorly to landscape excellence. We sought more vibrant colors which are found in the orange-red, orchid-pinks, and vibrant pinks; these were needed to spark up the existing reds.

We have an active committee of four people doing detail work in the garden and at other times a group of fourteen members to accomplish planting and other care. We treated the old Camellia three times in 1985 with vitamins, hormones, surfactant, chelated elements, root-rot fungicide, tonic, and special fertilizer, all of which were flooded into the 100 two-inch-diameter holes augered beneath the tree. A young vigorous plant was approach-grafted to the old tree in an effort to get new improved root vigor established, knowing that old trees are like old athletes; "Their legs are the first to go."



J. Carroll Reiners, Ed Combatalade, and John Bramble, Park Superintendent admire the new sign at the camellia garden in Sacramento which is being maintained by the Camellia Society of Sacramento.

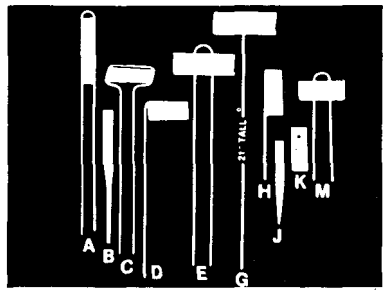
On March 7, 1986, the Camellia Garden was officially dedicated to the cultural care of the Camellia Society of Sacramento at the unveiling of a beautiful \$2,000 sign at the front of the garden. Tom Lee, president of the Society and the City Park officials were all smiles before the TV cameras at the ceremony. Everyone was happy; positive camellia response was apparent.

Identical treatment will be continued on the old Camellia in 1986. And as of this date, March 1986, there is amazing new growth of 4" on the tree, the first growth in years. No longer will it shrink below its 20' stature. The tree has re-

ceived much publicity through the press and TV stations. People have reacted with surprising interest, the old tree has many observant friends. Each year we will plant new camellias in the garden; it is easy when members of the Sacramento Camellia Society respond so wholeheartedly in this creative cause. The Society committee chairman for the first year of the project has been Carroll Reiners. James Randall is the second year director.

Lest we forget, this centenarian is named 'Roi Leopold,' a *C. japonica*, introduced from Italy in 1855.

In the hope that we can develop a "creative" camellia garden around our old King, we hope to introduce a bit of unity by including, in the plantings, several trees of antiquity which survived ages from the brink of extinction, such as *Ginkgo biloba* (Chinese Maidenhair Tree) which has never been known in the wild; *Metasequoia glyptostroboides* (Dawn Redwood); *Franklinia alataamaha*, which was never seen again wild after its discovery in Georgia in 1790; and *Camellia granthamiana*. We hope that in this environment our 'King Leopold' will prosper, regain his status and dominate his kingdom of beautiful plants.



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TENTATIVE SCHEDULE ACS CONVENTION NOVEMBER 6-8, 1986 PENSACOLA, FLORIDA

Thursday, November 6

9-12 a.m. Registration
1-4 pm. Registration
1-4 p.m. Meetings as needed by ACS
5:45 p.m. Leave motel for Dr. Birdwell's home for dinner
(Shrimp and Oyster Special)

Friday, November 7

8-11:30 a.m. Place flowers in show
Meetings as desired by ACS.
Free time
Lunch on your own except those judging
1:30-5:30 p.m. Show open
Free time
6-6:30 p.m. Leave motel for dinner with a club member

Saturday, November 8

8:45 a.m. General Meeting — ACS Program
11:30 a.m. Lunch on your own
1:30 p.m. Field Trips — Six to Choose From
6:00 p.m. Leave motel for banquet

Hospitality Room open 4:00-5:45 daily.

Registration Fee — \$49.00.

Room, double — \$39.00.

More details in August issue.

—ACS—

Corporate 1986

(Since February Journal)

Business Management Services, Fort Valley, GA
Cloverdale Citrus Fair, Cloverdale, CA
Dodd's Garden Center, Dallas, TX
Harry P. Leu Gardens, Orlando, FL
Shreveport Camellia Society, Shreveport, LA

Sustaining/Joint Sustaining 1986

(Since February Journal)

Mr. J. Roland Bradshaw, Clinton, NC S
Mr. & Mrs. Gene W. Burt, Pasadena, CA JS
Mrs. Arnold B. Chace, Yemassee, SC S
Mr. William T. Couch, Hot Springs, AR S
Mr. & Mrs. William C. Daley, Longwood, FL JS
Mrs. Thomas A. Davis, Columbus, GA S
Mrs. Stanley J. Eager, Kentfield, CA S
Mrs. B. C. Erwin, Sacramento, CA S

Mrs. Albert J. Evans, Jr., Fort Valley, GA S
Mr. C. Allen Favrot, Covington, LA S
Mr. C. Allen Favrot, Metairie, LA S
Gainesville Garden Club, Gainesville, FL S
Mr. & Mrs. M. F. Hodges, Ocean Springs, MS JS
Mr. & Mrs. J. W. Hoover, Houston, TX JS
Chris & Helma Larimore, Bradenton, FL JS
Mr. & Mrs. Joseph P. Luce, Fort Valley, GA .. JS
Mr. Bob McAdams, Lafayette, LA S
Mr. & Mrs. Luther E. McGee, Jr., Jackson, MS JS
Mrs. William C. Noell, Alexandria, VA S
Dr. Robert Lee Oliver, Savannah, GA S
Perry Chamber of Commerce, Perry, GA S
Mr. & Mrs. Gl. F. Peschang, Savannah, GA ... JS
Mr. & Mrs. Howard C. Royce, Wall Twsp., NJ JS
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Mrs. G. T. Smith, Jr., Ocala, FL S
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Mr. Roy C. Stringfellow, Shreveport, LA S
M. & Mme. Claude Thoby, France JS
Mr. & Mrs. A. Reading Van Doren,
Stamford, CT JS
Mr. & Mrs. Warren Wallace, Fairmont, NC .. JS
Miss Francie Woltz, Chevy Chase, MD S
Mrs. Elliott S. Wood, Pinehurst, NC S

Visit Five Flag City — Pensacola!

GEORGE W. ANDERSON
Convention Chairman

Plan to visit the historic "Five Flag City" of Pensacola for the ACS Fall Convention November 6-8, 1986 and help us celebrate our 49th year as a camellia club. By having a registration fee of less than \$50.00 and an excellent room for less than \$40.00 per night we expect to reach the "grass roots" of ACS and have a large attendance. A good program has been planned which will help each club of the ACS function better. (Details later.)

Six different local tours will be available Saturday followed by a splendid banquet. An excellent camellia show is expected. Excellent food, good social hours and outstanding entertainment will be our specialties. See you in Pensacola, Florida.

—ACS—

SPECIAL GIFTS

(As of April 16, 1986)

Contributions wishing a speedy recovery to Ray Gentry were made by the Jackson Camellia Society and by Thomas H. Perkins, III.

Mr. Joseph H. Pyron gave camellia books, vases, framed prints and other things to be used or sold for the Society.

Mr. E. Hulyn Smith: Contribution for program for Camellia Garden Club.

Mr. & Mrs. W. T. Shepherd: Beautiful paper camellias.

Contributions for the Horticulturist Fund were made by Mr. & Mrs. W. F. Mann, Mr. & Mrs. Henry C. Lunsford, Mr. & Mrs. I. John Movich and Mr. Roy Stringfellow.

Mr. & Mrs. Milton H. Brown made contributions wishing a speedy recovery to Mrs. Robert P. Hatcher, the Reverend Charles A. Robinson, Mr. I. John Movich and Mrs. Henry C. Lunsford and in honor of Muriel Nathan's birthday.

Dr. & Mrs. Daniel E. Nathan made contributions honoring Brownie and Ann Brown on their birthdays, wishing a speedy recovery to Mrs. Robert P. Hatcher and Mrs. Henry C. Lunsford and in honor of the 100th birthday of Mr. A. T. Rubel. Mr. & Mrs. Thomas C. Evans made contributions honoring the birthdays of Brownie and Ann Brown and Muriel Nathan.

The New Zealand Camellia Society gave a bound copy of their *Camellia Bulletin*, Vol. 13, 1983-84.

Contributions honoring the birth of Rachel Hotchkiss were made by Dr. & Mrs. Earl Beatty, Jr. and Mr. & Mrs. Carl M. Allen, Jr.

In Memoriam

Dr. Asa Barnes, Col. USAR Ret.

Dr. Asa Barnes died suddenly on February 21st. Dr. Barnes was a retired physician and former Health Officer of the Nassau-Baker counties. He had been active in The North Florida Camellia Society and was a former Vice President of that Society. He was a Director of The Atlantic Coast Camellia Society and an ACS accredited judge. He was an active participant in the Share of the Horticulturist of ACS and the 40th Anniversary Campaign. In 1985 he attended the ICS Congress in England. After having served several times as a proxy for Directors of the ACS, he was elected by the Florida members of ACS to be their new Director to take office at the Norfolk meeting in April 1986. He was also elected a Director of the ACS Endowment Fund. Dr. Barnes will be sorely missed by a host of camellia friends in North Florida, elsewhere in this country,

and indeed elsewhere in the international camellia community.

He is survived by his widow, Helen, and two sons, Asa, Jr. and Robert.

—ACS—

Resolution

WHEREAS, Mr. George Garrison has, for many years, served as The Camellia Society's representative to The Botanical Society Board of Directors, and

WHEREAS, during these years he has constantly and energetically improved and helped maintain the plants in the Camellia Green House, and

WHEREAS, during this period he has devoted a great deal of time and effort in our outside Camellia planting area.

NOW, THEREFORE,

BE IT RESOLVED that The Birmingham Botanical Society, at its annual meeting, expresses its deep appreciation for his efforts and directs that this Resolution becomes a part of the Society's minutes.

ADOPTED this 25th day of February, 1985.

JODY H. HANRE

President

Birmingham Botanical Society, Inc.

—ACS—

Committee Changes

You will want to note these Committee changes since published in the February 1985 issue of *The Camellia Journal*.

Exhibitions and Awards Committee

Chairman: Dr. Herbert Racoff
Roy C. Stringfellow
Thomas E. Hughes
Dr. A. A. Maryott
Dr. J. M. Habel, Jr.
W. F. Mann
E. Hulyn Smith
Col. E. L. Atkins
Dr. Emil Carroll
Carl M. Allen, Jr.
Charles Malone, Jr.
Joseph H. Pyron
Jack P. Woo
Robert E. Ehrhart

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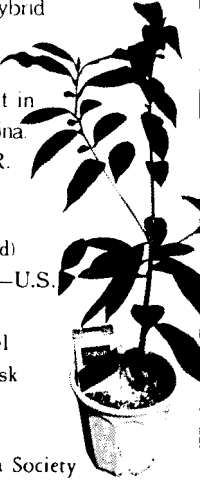
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Sex And The Single Species*

By BILL DONNAN

With the advent of *C. chrysantha* into the Western World of camellia hobbyists there have come forth many puzzling questions about camellia species. For example: There are 10 species of camellia with yellow-colored flowers. Which one do I own? My next door neighbor's *C. chrysantha* has buds but mine does not. Is my *chrysantha* a different species? Are there sub-species of *C. chrysantha* or are there just different seedlings of the same species? All of these questions have prompted me to get out my collection of camellia books and read up on the subject of species. I wanted to find out why Sealy, in his 1958 monograph, classified 12 sections of the genus camellia, containing 82 species as well as 24 species which he labeled "Dubiae" or dubious members of the genus. I wanted to know why H. T. Chang in his 1981 monograph classified 20 different sections of the genus camellia instead of 12, and why his book contains 200 species! I wanted to find out why there are so many more species now than there were when Sealy wrote his book. I wanted to find out how one knows when he has found a new species and how it is classified and segregated. If you are interested in what I found out — please read on.

The earliest naturalists — after the Middle Ages — arranged plants and animals in alphabetical order. That order of items would depend on the language one was reading. If one was reading in French or German or English, the order could be changed. Naturalists needed a precise way of naming plants and animals across the language barrier. It was Linnaeus who got the idea of using Latin as the universal language to describe both plants and animals, but he obtained his concept of classification of species from John Ray (1627-1705), a Cambridge University student of the classics and natural sciences. Ray spent a lifetime as an inde-

pendent scholar describing all of the plants he saw. As Secretary of the Royal Society he toured all over Europe and in 1686-1704 he completed a 3 volume HISTORIA PLANITARUM which provided a description of all of the known plants of Europe at that time. For Ray, a species of plants, for example, was a name for set of plants which give rise to similar new plants through reproduction.

Linnaeus inherited Ray's concept and mission. Born Karl Linne, in south Sweden in 1707 (he later took the name Carolus Linnaeus from the Latinized version), he was intended for the ministry. However, he showed little interest in theology and was about to become apprenticed to a shoemaker when a perceptive teacher persuaded his father to let Karl try out as a medical student. At Uppsala he assisted his professors in gathering medical herbs. This encounter with strange flora dazzled him with delight. He was soon teaching both medicine and botany at Uppsala University and he immediately saw the need for a better nomenclature of the plant kingdom.

Linnaeus had access to Ray's publications but felt that he needed both a system of classifying new plants and a universal language to list them. In 1737 he published his GENERA PLANITARUM. In it he explained his system for classifying both families, "genera," and individuals, "species," of plants. In the system he was not looking at the plants alone, the color of the flowers or the shape of the leaves, but rather at the sexual organs. His system is based primarily on the number of stamens and pistils in the flower and how their configuration might differ. Despite the artificial nature of his premise, the Linnaean system has remained the basis of modern taxonomy. Having simplified the classification concept with his overriding "sexual" thesis, Linnaeus still felt that the nomenclature of biology was both cumbersome and vague. There was a growing world-wide community of

naturalists who would need a common language to be sure that they were all talking about the same thing. Linnaeus managed to create an international language of biology. He found a use for Latin long after it had ceased to be the language of learning. It was based on a Latin which he re-shaped for his purposes. In his struggle for a universal nomenclature he accomplished one more significant factor when he "invented" the binomial system of naming plants. His binomial system prescribes both the family, "genus," and the individuals, "species," in the name. Thus: *Camellia* describes the "genus" and *japonica* describes the "species." Ergo: *Camellia japonica*. Linnaeus' binomial system has been adopted for both plants and animals by naturalists all over the World.

While Linnaeus had John Ray's listing of all of the known plants of Europe as his starting point, he realized that he needed to obtain information and plant specimens from other parts of the world. Thus, he embarked on an unprecedented world-wide program of specimen hunting. He enlisted many of his graduate students in this quest. His zeal was so compelling that at one time he had the busy Benjamin Franklin and the young Thomas Jefferson as his correspondents! When Linnaeus died in 1778, he had collected a vast herbarium of plant materials. These, together with his publications, now reside in the herbarium at Kew Gardens in London.

Well, as you can see, I have gotten carried away by reading of the life of Linnaeus in my encyclopedia and in several other books! Now let us get back to the subject of Species. We all know the story of how the genus camellia got its name. The first species to be illustrated and described was *C. japonica*, by James Petiver in 1702. This was also the first species to be grown in the western world, namely, the plant grown by Lord Petre in 1739. *C. sinensis* was the second species to be brought into cultivation in the Western World and next came *C. oleifera* in the early 1800's. This was followed by the famous 'Captain Rawes,' a *C. reticulata*. In succeeding years, up to about 1930, plant hunters and naturalists had managed to find over 50 different camellia shrubs in the Far East and had sent specimens to Europe. By the late

* From *Camellia Review*, Vol. 47, No. 3, January-February 1986.

1950's this had increased to over 100 species which were either classified as being in the camellia family or were close kin to that family. Thus when Sealy began an attempt to classify camellia family, he had something over 106 items to work with. Most of Sealy's material consisted of dried plant specimens in the Kew Herbarium. His *Revision of the Genus Camellia* (1958) listed 82 species of camellia with 24 other species which he designated under the heading of "Dubiae" since he was not certain whether they fitted into the camellia family.

In the ensuing 25 years plant taxonomists have managed to recognize more than 200 species of camellia. This is almost 100 more species than Sealy had to work with! How could this happen? It happened simply because nearly three fourths of the known species of camellia are indigenous to Southern China and prior to World War II much of this flora had not been discovered. After World War II there was a considerable delay in getting this material to the Western World. Thus H. T. Chang's book has now become the "bible"¹ of camellia species. Furthermore, Chang had access to "live" specimens rather than dried plant parts

and this may be why he was able to make conclusive decisions regarding some of the species which Sealy had placed in the "Dubiae" classification.

How is a new species discovered? Mostly it revolves around the differentiation among the sexual organs of the plant. Any plant having different stamens, pistils, capsules, or seeds is a candidate for classification into a new species. H. T. Chang's book *Camellias* (1981) which has been translated by Dr. Bruce Barthomew has 74 full page line drawings of 74 different camellia species. A study of these drawings will show the differentiation in the sexual organs of these camellia species. Each one has something different in the stamens or pistils with regard to number, grouping, and filaments, or number of ovaries. Now, getting back to the question: "Which species of yellow-flowered camellia do I own?" I am not prepared to answer that question here! Chances are that you have either *C. chrysantha* (Hu Tuyama) or else *C. euphlebia*.² It might be worth your while to consult H. T. Chang's book and see whether you can sort out your own particular species.

ACS

AUSTRALIA/ NEW ZEALAND TRIP CANCELLED

Tentative plans had been made to formulate a tour of Australia and New Zealand by Patterson Travel Agency in conjunction with the 1986 ICS Congress in Australia. This was to be publicized in the May issue of *The Camellia Journal*.

Due to circumstances beyond control on publishing, it wasn't possible to get any timely data in the *Journal*. Therefore, Bill Stewart has cancelled the proposed tour.

A: Start with cottonseed when your camellias start to feather. Around the first of April, you will see the tips of the plants start to grow and elongate. This means that the camellias are starting to grow and it is becoming receptive to fertilizer. Then every 45 days thereafter I would repeat this procedure.

Q: How much should I give them?

A: Most of us figure that if a little is good then a lot is better! That is not the case. A little bit is good but a little bit too much is disastrous, especially if you start to get hot weather. I have burnt mine and I have seen other camellia hobbyists do the same. I would say maybe a tablespoon to a one gal. and 2 tablespoons to a 2 gal. can and a tight handful to an egg can. If they are in the ground and they are a pretty good caliber you can hit them heavier. One thing to remember is that "roots equal tops." However, I want to make this clear — Do NOT feed saluenensis hybrids the same as you feed your regular camellias. They are more susceptible to nitrogen burn than any of the other camellias. Be sure that you feed them half as much as you would feed the others.

Q: If I want to compete with you in show blooms what will I do? What do you do?

Question and Answer Program*

Given by MARILEE GRAY
and SERGIO BRACCI

at the Pomona Meeting

Transcribed by Helen Perigan

Question: What am I supposed to do in November for Camellias?

Answer: Right now in November there isn't a great deal that you can do for them. They are now in bud and they are starting to form flowers. The best thing that can be done is to give them a flower fertilizer. I would go with the 2-10-10. The first number is always nitrogen, the second is phosphorus and the third is potash. This will force the camellia to open the door a little bit.

Q: There are two fertilizers of 2-10-10. One is a liquid and the other is a dry product. Which one should I buy?

A: I would suggest that at this time you would buy the dry. I want the 2-10-10 to get into my camellias slowly. I spread the granules around the drip line, the outer edges of the camellia branches. I do not work it into the soil because at this time of year the rains come and they gently leach a little bit of the 2-10-10 into the roots of the plant. This is a slow release fertilizer.

Q: I am short of time and I want the simplest program of fertilizing that I can get. What would that be?

A: Cottonseed meal is the best that you can do. Nuccio's uses it and you surely can't fault their camellias. Cottonseed has a slow release and this is good.

Q: How frequently and when do I use it?

* From *Camellia Review*, Vol. 47, No. 3, January-February 1986.

A: When the camellias start to feather I start out with a fish emulsion. I get a good grade of fish, a 95% organic fish which is put out by California Liquid Fertilizer; Atlas Fish Emulsion is also a good one. The smell will last a long time. Follow the instructions on the bottle; 1 tablespoon to a gallon of water. In 45 days I follow with a concoction of 4 parts cottonseed, 1 part blood meal, and 1 part iron (from Nuccio's). Iron will tend to darken the color of the flower and you will have less variegation.

Q: How long do you repeat this schedule of 45 days?

A: I continue until July and then I start with my 2-10-10.

Q: When you quit in July are you stopping because your plants are starting to bud?

A: Yes, I am starting to see buds. I don't want any more growth. I want flowers.

Q: How do you best survive a dry hot spell?

A: With great difficulty. There's not too much you can do but there is one thing you should not do. Say it is late August or September, never disbud in hot weather on a very hot day. Only disbud on an overcast day. The reason for this statement is that when you take off a bud you leave an open wound and in the heat that moisture will be sucked out of that wound and you will see the bud next to the wound brown and dry and drop off. The wound has not had a chance to heal and the next thing you know the bud that is left will be lost. If you have to disbud

under hot conditions you must then provide humidity. I spray the ground and any fences or walls that are near.

Q: What does a snap of cold weather do? Can this be a problem?

A: Not really. However, if there is frost, there could be some flower damage.

Q: What could be done to minimize wind damage?

A: Wind is as bad a factor as heat. Wind will sweep away the moisture that the plants need. They then need a lot more watering.

Q: How much should one disbud?

A: Some plants will disbud themselves and some will not. In a plant that forms cluster buds, the best thing to do is to cut them. Cut down to where you think there is a good bud. Try to allow one bud to a lateral. If two buds are together and they open at the same time they will distort each other.

Q: What does it mean when there are so few buds on a plant?

A: Some plants just do not set many buds. That is their nature. However, light has a lot to do with bud setting. Keep your plants in as much light as possible and you will get a better bud set. Some plants will bud up one year and another year they will be sparse. It will depend on the weather and the moisture in the air. The root ball has to be kept damp.

Q: When do you prune and how severely do you prune?

A: We are severe pruners. We start to prune after the last show and we prune continuously even when we are picking flowers for a show. We cut back to a leaf bud. Pruning is good for a plant. It opens up the plant to light and new growth, and gives more room for the flowers to bloom.

Q: Is there any one time of the year that you go through the garden and shape up the plants?

A: No, we pursue the pruning all the time. It is a year-round job.

Q: I know that a plant is prone to Phytophthora. What do you do?

A: This is a root rot. This is a condition that is mostly due to poor culture. If you aren't using a good mix that drains well and allows a lot of air to circulate down and around the roots that plant will be a subject for Phytophthora. We all have some of this and we try to control it with

good culture. Be careful not to over water. Each plant's need should be considered as to its need for water. Sasanquas are a little more resistant to Phytophthora. Most of Nuccio's grafts are on Sasanquas, for this reason.

Q: How would you treat a plant that is less vigorous than last year? How would you care for it?

A: I really don't like to treat a sick plant. It takes too long to bring it back to full vigor. Lack of vigor is almost always due to a root problem.

Q: What are mites and mite spray?

A: We do have a problem with rust mites. The last five or six years we have seen more and more of this. It seems to occur where a plant is sheltered; under the eaves of a house. It is a very slow moving insect and now is the time to get it. Cooke's red spider mite spray will hurt the flowers, so spray before the flowers are out and spray underneath the leaves.

Q: What is "Subdue" and what does it do?

A: "Subdue" is a chemical that is being used for root rot. I believe it surrounds the roots with a layer of chemical and prevents the fungi from getting into the root system. Be sure if you use it, to get a complete coverage of the plant until it comes out the drain holes.

Q: When do you suggest using it?

A: Twice a year; now is a good time (November), because the roots are still active even though the plant is dormant.

Q: When is the second time that you use it?

A: I usually use it in the middle of the growing season.

Q: Design a shade house for us.

A: If you are going to design a lath house and are going to use 1 x 2, the space between each 1 x 2 is the same as the 1 x 2. The only time that this spacing is 50% is when the sun is directly overhead. As the sun changes you will get different degrees of sun. I would build it 8 feet high, with substantial poles. I would go to 50% shade cloth. If you are using lath always run the lath north and south. Watch the shade trees around your garden as they grow that they don't give your plants too much shade.

Be assured that these are only my observations and my way of doing things. There can be other methods that may work for you.

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Madeline Fu (Chu Hsia), born 1922 in Peking, China. She graduated from Hsin-Hua College of Art in Shanghai. An outstanding student of the Great Master of Chinese Painting, Professor Chang Dai-Chien, she has had numerous exhibitions in Shanghai and was one of the well-known artists there. She came to America in 1962 and has operated "Fu's Art Studio" with her husband Paul Fu in Mill Valley, California. They are both well known in the San Francisco Bay area and have shown their works in their studio for the last 21 years. She has done a masterful artistic work in her paintings of camellias.