

The *Camellia* Journal



'Mae Robichaux' — *Camellia japonica*

ACS Reg. No. 2028

Unusual! Large to very large medium pink semidouble to peony with a striking glow! Blooms are 6 inches by 4 inches
treated. Five rows of 18 large petals. Chance seedling of Ford and Sam Zerkowsky. Long lasting abundant blooms. Mid-
season. Propagated by Tammis Nursery, Slidell, Louisiana. Fall 1996.

AN OFFICIAL PUBLICATION OF THE AMERICAN CAMELLIA SOCIETY
VOL. 41, NO. 3 **PRICE \$2.00** **AUGUST, 1986**

President's Message



G. F. ("AB") ABENDROTH

G. F. ('AB') Abendroth

In January of last year, I was commissioned by the Board of Directors to appoint a committee to select a replacement for our Executive Director, Brownie, who was planning to retire in 1987. In April of 1985 the committee had been established with Dr. J. M. Habel as Chairman and Roy Stringfellow, John Movich and Milton Brown as members. Annabelle Fetterman as President-Elect was added in April of this year.

This committee was actively seeking a qualified replacement and was sadly interrupted this April with Brownie's untimely death. This tremendous loss to our society placed us in a position whereby locating an Executive Director was of immediate import.

Under the circumstances, the committee felt that Ann Brown would be an excellent choice to fill this position. This feeling was also echoed by numerous other ACS members so the committee contacted Ann and she graciously agreed to accept the position.

Everyone I have spoken with feels that Ann knows more about the operation of ACS than any one person other than our beloved Brownie. I know, therefore, that all of you join with me in expressing my pleasure and appreciation to Ann for her willingness to take on this important assignment. We can all now forge ahead and see that Brownie's dreams for ACS are carried out.

I am aware that a great portion of the camellia growing area has been plagued this spring with an unprecedented drought; especially the Atlantic Coast area. Northwest Louisiana (Shreveport) was experiencing this problem also. As of the month of June, rainfall was eight to ten inches below normal for the year — but thanks to Hurricane Bonnie, we caught up in about six hours. This caused considerable damage in low lying areas but no camellias were lost. I hope all camellia growers in the drought-stricken areas have sufficient water available to water properly. My camellias (both inside and outside) are in excellent shape and I am looking forward to a great season this year.

Bob Sansing tells me that everything is in splendid shape for a good ACS meeting in Pensacola and I am looking forward to seeing all of you there in November.

—ACS—



Joe Pyron, Executive Secretary Emeritus of the American Camellia Society makes a studied decision on the flowers at hand.

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The *Camellia* Journal

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Address Communications to: Executive Director, American Camellia Society, P. O. Box 1217, Fort Valley, Georgia 31030

Phones: Area Code 912
Office — Marshallville, GA 967-2358
Home — Ft. Valley, GA 825-7870

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

Pensacola — Your Host City

Thursday, November 6

8-12 a.m. Registration
1-5 p.m. Registration
10-12 a.m. ACS Endowment Fund Board Meeting
2-5 p.m. ACS Governing Board Meeting
6:00 p.m. Informal Dinner and Visitation
Dr. & Mrs. Birdwell's Home

Friday, November 7

8-10:00 a.m. Registration
8-11:00 a.m. Staging Camellia Show
30 East Wright Street
11:15 a.m. Luncheon for Judges
2:00 p.m. Show opens
6:30 p.m. Leave motel for dinner with a club member

Saturday, November 8

8:00 a.m. Registration
9-11:00 a.m. Educational Programs
1:30-4:00 p.m. Local Tours — Six to Choose From
7:30 p.m. Banquet

GEORGE W. ANDERSON

Pensacola, the City of Five Flags, welcomes you to its third American Camellia Society Convention. Proud of its cultural heritage, as the first settlement in the United States, the city's historical heart still beats as yesteryear. Beautifully preserved and restored homes dating back to the early 1800's are now quaint shops, dining places and offices radiating from Seville Square.

The convention has been planned as a "grass root" convention which means it is affordable by all members. A convention fee of less than \$50.00 and a three-star motel for less than \$40.00 per couple has been the primary aim and accomplishment of the club committee.

(continued on Page 4)

ACS FALL CONVENTION

PLAN to visit the Historic City of Pensacola, Florida, November 6-8, 1986 and help us celebrate our 40th year as a camellia club. By having excellent rooms for less than \$40 and a registration fee for less than \$50 we expect to reach the "Grass Roots" of ACS and have a very large attendance. An excellent program has been planned for Saturday morning with the Camellia Show on Friday, November 7, 1986.

George W. Anderson
Convention Chairman

Registration Information

NAME _____

ADDRESS _____

	On or Before October 15, 1986	After October 15, 1986
Full Convention	\$49.00	\$60.00
Friday & Saturday Only	37.00	47.00
Saturday Only	22.00	25.00

Please enclose fee payable to ACS Convention and mail to George W. Anderson, 3571 Menendez Drive, Pensacola, FL 32503.

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Camellia Show

Now a word for those of you with flowers to show. We urge everyone who can bring flowers to do so. If for some reason you cannot stay for the convention, but have flowers, please bring them and enjoy the show. The show will be staged at the Wright Place, 80 E. Wright Street, adjacent to the First Methodist Church and only three blocks from the motel. Flowers may be entered between the hours of eight and eleven *Friday, November 7, 1986*. All greenhouse and outside grown flowers will be judged together. A novice division will be available.

Educational Programs

The Pensacola Men's Camellia Club feels that it is unique in many ways and has been highly successful throughout the 49 years of its existence. Much of its success has been due primarily to good planning, excellent communication and hard work by devoted members and their spouses.

During the education program of the fall convention, we shall attempt to pass on the secrets of some of our success to those clubs needing help. Mr. Richard Michael, twice president of the local club (now a Tar Heel) will present briefly the most important elements of our success and provide each member attending the convention with a copy of our Constitution and Bylaws, detailed duties of all elected officers, functions of all committees and how to plan the staging of a camellia show.

The information in the hand-out will be of such detail that even the most novice camellia club members may be benefitted. It is our sincere hope that each member present will take time to study the booklet and see if their club can benefit from the information. Richard has spent many, many hours collecting, reviewing and writing the material. We realize that all clubs and members are different and therefore operate differently, but if we can pass on some different ideas that may help local clubs we shall be truly grateful.

Hulyn Smith of Valdosta, Georgia will also be on the program. He will be speaking Saturday morning on judging camellia shows. We know you will want to hear what Hulyn has to say and that each of us will benefit from his experience.

Tours

The six available local tours consists of (1) local greenhouses, (2) "The Zoo" dotted with hundreds of camellia plants, (3) the historic Seville Square with shops, museums and art galleries, (4) greenhouses filled with tissue cultured plants by Dr. William Bennett and President John Davie, (5) Naval Aviation Museum, (6) Fort Pickens and the Gulf Island National Seashore Park with its snow white sand. The Zoo is fifteen miles from Pensacola. All other tours will be less distance.

We hope you will be with us during the first weekend of November for the ACS Convention to enjoy our snow white beaches, our historic sights and to enjoy the good home cooked food and hospitality of the club members and families of the Men's Camellia Club of Pensacola.

ACS

Some Thoughts on Judging

By SERGIO BRACCI

In the May 1985 issue of the *Camellia Journal* is an excellent article by Judge Hulyn Smith entitled "Judges Honor Your Commitment." In it, he describes various types of judges he has encountered during his many years as Chief Judge on the Southern show circuit. It's a funny thing, but I could swear he was describing some of the judges I have come across as Chairman of Judges on the West Coast.

At the time I read this fine article, I had not yet met Hulyn and, from the tone of his writing, I assumed he was a no-nonsense type of guy — all business. Therefore, when I read in the *Journal* about a trip to New Zealand escorted by

Judge Hulyn Smith, Elsie and I were a little apprehensive about going. We should not have worried. Hulyn was great as a tour director. We, along with the others from the West Coast, found him to be easy-going, accommodating, and very modest. Why, he even bowed his head when he was telling me that he was the best *reticulata* grower in the South. His humor and congeniality made the trip most enjoyable. It was also a great pleasure for us to meet so many of the Southern camellia growers whom we had read about in the *Camellia Journal*. They, along with the hospitality of the people of New Zealand (many who had visited us the previous year), made the

trip a real pleasure.

In his article, Hulyn expressed conditions that exist when you agree to judge at a show. I think the most important of his conditions is that you bring flowers. I could not agree with him more. Elsie and I bring many blooms to a show, and we are good enough judges to know that some of them are not head table blooms. However, if we have a new flower, we will bring it so that other exhibitors can familiarize themselves with it and will know it in the future. Shows are held for both the public and the exhibitors, and we should all bring as many good blooms as we can. It is very heartbreaking to a show committee to see half-empty tables at their show. When I hear an exhibitor at a show say, "I only brought three blooms, and I got two of them on the head table," it makes my blood boil. If we all brought only two or three of our best blooms, we could hold the show on two or three tables and public be damned.

I would like to add another condition to Hulyn's list, and that is that everyone

should agree to abide by the show rules and leave the area in which other judges are still working. It is very difficult to judge with non-working judges crowding you and looking over your shoulder and trying to lobby you into sending up their blooms. I would also like to add my thoughts on other important aspects of judging a show, and that is the job of the Chairman of Judges.

I firmly believe that the job of Chairman of Judges is the most difficult task one is asked to perform at a show. Not only must you blend three people into a good working unit, but you must do it by knowing each judge's or novice judge's idiosyncracies and general knowledge of camellia blooms. Elsie and I have a list of judges who we have worked with here in California and ones we have observed at many of the shows, and we have rated them by using the following categories:

1. *Knowledge of Blooms*

This is a requirement of any good camellia judge.

2. *Domineering Tendencies*

No member of a judging team should try to dominate the other two. I have

seen a judge on a team which is judging a class point to three blooms say "1, 2, 3" and walk away without giving the other two judges a chance to express their opinions.

3. *Ability to Work with Others*

All members of a team should remember that this is a hobby and to leave all of their prejudices behind.

4. *Willingness to Express an Opinion*

I do not enjoy judging on a team that has a judge who agrees with every selection I make. We all have different views on blooms, and each of us should express his own opinions.

5. *Dependability*

This is just a courtesy to your host and to the commitment you have made.

6. *Nitpicking*

A nitpicking judge is so critical of each bloom that the team which that judge is on is slowed to a crawl and holds up the whole show.

We also have a list of novice judges in our area and try to insert one into each team in which the top judges are working so that they can benefit from their expertise. Remember, the novice judges will be

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judging your blooms in future shows. The Judge Chairman should pick his or her judges on ability and not on who they are. Blending all of your judges into a good working unit that does the job well so that the show can be open to the public on time is all the reward a Chairman of Judges could ask for.

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‘*Mae Robichaux*’ — Cover ACS Journal August 1986

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Camellia Culture In The North Texas Area

E. RAY BOND

Camellias can be grown in the Dallas/Fort Worth Metroplex area of North Central Texas and many fine, show-winning blooms are produced here.

But, as a whole, the area does not lend itself to camellia culture:

1. The winters are too cold.
2. The summers are too hot.
3. The soil is too alkaline.
4. The soil is too tight.
5. The climate is too dry.
6. The soil is full of root rot.

When these elements are taken into consideration and accounted for, camellias grow well. It isn't impossible. The big problem is the "how to" of compensating for these climatic and soil shortcomings.

All camellia growers love their plants and want them to be extra special during the blooming (and show) season. I know I have killed as many plants as anyone in the USA before coming to the conclusion that care can be overdone and that sometimes the attempted reinvention of the wheel can be dangerous.

Growing Camellias Outside

Camellias can be grown outside in North Central Texas, but it has to be done carefully and with the above mentioned problems in mind. Beds should be carefully prepared and raised, if possible, above the level of the surrounding landscape. The height above the terrain is optional to make the landscape look like you want it to look as well as to protect the plants. Sometimes it is impractical to raise the bed and in that case, it pays to dig a \$25 hole for a \$5 plant. The reason for a large and deep hole is to protect the camellia plant from cotton root rot and the high pH of the soil.

Virtually the entire North Central Texas area was once a huge cotton field. Cotton root rot pervades the area and is sure death to camellias. The pH of the soil in my yard is a typical 8.2. The soil is a "black gumbo" which is really a sticky residue of dirty limestone, the humus having been removed in the past by over-farming of cotton. This black clay has the capacity to expand 300% during the

spring rains and contract the same amount during the summer dry season, leaving huge, deep and wide, cracks in the ground. Don't try to grow camellias in it.

This means you must grow them in a man made medium. I use the same medium for growing outdoors that I use for my plants grown in pots. It is very simple: One part of sand to one part of pine bark mulch, by volume. The sand I use is washed, coarse, children's play sand. The actual ratio is three fifty-pound bags of play-sand to a three cubic foot bag of pine bark mulch. That's it.

This formula was given to me by my camellia mentor, J. Stewart Howard, late of Salemburg, N. C. Stewart called it the perfect medium with perfect drainage. I proved he knew what he was talking about. I tried all sorts of variations and additions — and killed a lot of plants in the process. When I went back to his formula several years ago, I began to produce winning blooms and my kill rate dropped dramatically.

For outside, I prefer Sasanquas, but many Japonicas will do well. Sasanquas can tolerate more moisture in the root zone and they are not as prone to root rot. However, they cannot withstand the cold as well as some Japonicas. Japonicas best for outside, I have found to be the good old standbys such as the 'Kickoff' and family, 'Glen 40,' 'Professor Sargent,' 'C. M. Hovey,' 'Mathotiana' and family, 'Kramers Supreme,' and my own 'Goggy.' The best of both worlds may be a tough Japonica grafted to a good Sasanqua root stock.

Outside and in, camellias must be protected from the summer Texas sun. Early morning is OK, but after that, be sure the sun is filtered well. I don't recommend full shade, but full Texas sun will burn camellias up, quickly. In the winter, protect them from the cold, brisk, wind of the "northerners" that blow through.

I have camellias in the front of my house, which faces south. This location protects them from the winter wind and the summer sun because they are under a five foot eave.

Growing in the Greenhouse

Due to the terrible soil in this area, I cannot do as many growers do. That is, plant my plants in the ground in the greenhouse. I have to use containers. I plan to experiment with terra cotta pots this summer to see if it will help with the oxygen transmission to the root system, though I have no noticeable problem in that area. Currently, I use plastic and metal containers.

As stated above, I use a pine bark mulch/sand mixture for my soil medium. It is loose and allows oxygen to get to the roots, an ongoing problem in camellia culture. Each spring, right after the show and blooming season, just before the new growth begins, I apply Osmacote to each plant at the rate of about one tablespoon per five gallon container. If the plant (outside) is in the ground, I go by the size of the plant above the ground, equating it to the size of the plant in the container.

At this same spring feeding, I apply a small amount of ashes from my fireplace for trace elements and potash, epsom salts for magnesium, coppras and chelated iron for short and long term iron release plus the acidifying effect, and super phosphate for strong root growth. I do not apply these materials to plants in one gallon cans. Generally, the new, small plants do not have root systems to take them, but the bigger plants seem to thrive.

This combined soil mix and fertilization treatment tends to leave the soil somewhat acid for camellias (they like a pH of 5.5 to 6.5). But Dallas water, in the summer has a pH of 8.2 to 8.7. In the greenhouse or out, watering is necessary during the hot, dry periods. This highly alkaline water compensates for the otherwise acid condition. I have never scientifically checked the pH, but again, the plants seem to thrive, grow and produce good blooms, so I don't add any materials to raise the pH.

I water when the soil around the top of the container is dry to the touch, about an inch down. I water them thoroughly and through. Then I wait until the next time

they are dry. Generally, this is once a week in the summer. The saying is that camellias don't like wet feet. That should be amended to watch out for overwatering. The top of the soil may be dry, but the bottom of the container may be soggy. Overwatering will kill them just as fast as overfertilizing. Usually, the damage is done before the plant can tell you via leaf scurf (from overwatering) or leaf burn (from overfertilization) becoming apparent. The tendency is to overwater in North Central Texas.

I have found the 'Elegans' family to be a good "watch dog" or "barometer" of my camellia growing. This family of camellias seem to be more sensitive to over this or too much that, water in particular, than most of my other camellias. They will be the first to complain about my PHP (Poor Horticultural Practice.) When an 'Elegans' complains, you have probably lost the plant or are very close to losing it. But the warning is far enough in advance to change your ways with the rest of your plants.

On hot afternoons, when temperatures approach 100 degrees, I spray, not mist, the foliage with water during the heat of the day. This cools the plant and increases the humidity in the area, thereby improving the overall environment for camellias. During the hot summer of 1980, this sprinkling saved many plants.

Spraying. In early spring, I spray with dormant oil for scale, when the temperature is right. At the same time I feed in the spring, I begin a spraying schedule which I try to continue throughout the season at monthly intervals. The first and second spraying is a mixture of Captan, Benomyl, Malathion and Rapid Grow or Peters 20-20-20, mixed per label instructions. I also add some liquid detergent from the kitchen as a surfactant. The liquid fertilizer in this formula is for good stem and leaf growth and general plant health.

To get the Benomyl and Captan to properly wet, I make a paste by mixing the Captan and Benomyl powders with a little bit of water until the paste is smooth. Then I put it in the water with the other ingredients which dissolve rapidly. This prevents small particles of the Benomyl from clogging the sprayer. I make sure the Malathion goes in last and the whole mixture is sprayed immedi-

ately. Malathion has a short life (10 or 15 minutes) in our alkaline water.

I use the above spray formula for the first two monthly sprayings. After that, I substitute Super Bloom or BR-61 for the Rapid Grow or 20-20-20. This latter, high phosphorous, fertilizer formula is for bud setting and strong flower and root growth. I spray this monthly through the fall until the plants begin to bloom.

This spraying formula and schedule is a "shotgun" approach to camellia culture. It saves time and accomplishes a lot. The Captan and Benomyl are for fungus, including die-back, control. The Malathion controls 98% of all bugs. The liquid fertilizers act as outlined above. About the only thing left are sowbugs (roly-polys), slugs and snails. I use a bug bait which I sprinkle on each container after watering.

I have had some trouble with slugs crawling up into the containers through the holes in the bottom, tunneling and eating the feeder roots of the plants or just hiding in there until night when they get out and eat the new growth or, in wintertime, the blooms. A local horticultural authority, Neil Sperry, suggested soaking each container in a liquid Sevin solution as a means of eradicating them. I set up a wash tub of the solution, per directions on the bottle and that week, instead of watering from above, I dunked them in the tub. It worked and the problem has been virtually eliminated.

Pruning. I prune heavily every spring when I start the rest of the above mentioned operations. I prune to shape the plant like I want it to grow, be it upward in the greenhouse or outside to bush. I want the air to flow through the plants. I keep my pruning shears in the greenhouse so that I can control the growth and assure good summer air flow through the plants' foliage. I use a water base, black asphalt paint to cover the wounds. A good friend of mine, Elene Hillier, keeps a bottle of (water based) Elmer's School Glue handy which she dabs on pruning wounds with her finger. Excellent idea. It does the job well and is inexpensive. It is easier to get off your hands and clothing than the asphalt based materials, requires no brush and is much less messy.

This covers the basics of growing camellias in this rather poor North Central

Texas environment for them. It can and is being done by a lot of us. This system has served me well. My soil and fertilizer formula are no secret and they work with minimum of off season worry and care. It is almost a hydroponic system. Best of all, the camellias are happy.

The exception to all this are the camellias in Charlie Malone's yard. He has a good sandy loam yard, no black gumbo — it wouldn't dare! There are several small areas in North Central Texas that have this type of soil and Charlie has taken full advantage of his. He has his own small and beautiful camellia oasis.

—ACS—

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.)

CALIFORNIA

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 Breuner

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,' The Art Gonos Family

C. hybrid:

Best Bloom: 'Julia Hamiter,' The 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: 'Spring Festival,' Mr. & Mrs. Jack Woo

Best Medium-Large Seedling: David Feathers

Best Miniature-Small Seedling: Mr. & Mrs. James Toland

Best Fragrant Bloom: Mr. & Mrs. Ken Hallstone

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

Number of ACS Memberships Sold: None.

DISTRICT OF COLUMBIA

WASHINGTON, April 12-13, 1986

Sponsor: Camellia Society of the Potomac Valley

Number Blooms Displayed: 600. Attendance: 5,000.

ACS OUTSTANDING BLOOM CERTIFICATES:

C. japonica:

In Open: 'Kumasaka,' Judge & Mrs. Bruce Forrester

Under Glass: 'Jacks,' Mr. & Mrs. Harry Kendig

Runner-up: 'Silver Waves,' Mr. & Mrs. Harry Kendig

C. reticulata:

Best Bloom: 'Pavlova,' Mr. & Mrs. Emerson Waltz

Runner-up: 'Elsie Jury' (sic), William L. Miller

Best White: 'Swan Lake,' Mrs. Aurelia Loveman

Best Seedling: Mr. & Mrs. Emerson Waltz

Number of ACS Memberships Sold: None.

MISSISSIPPI

GULFPORT, November 23-24, 1985 (34th Annual)

Sponsor: Gulfport Area Camellia Society

Most Outstanding Bloom: 'Aztec Var.,' Jim Newell

ACS Outstanding Bloom Certificates:

C. japonica:

Medium: 'Mrs. R. L. Wheeler,' F. F. Becker

Miniature: 'Fircone,' Mr. & Mrs. W. F. LaRose

C. reticulata:

Large: 'Mary Phoebe Taylor,' Mr. & Mrs. C. C. Crutcher

Medium: 'Black Lace,' Ed Atkins

C. hybrid:

Best Bloom: 'E. G. Waterhouse,' Dr. H. L. Berridge

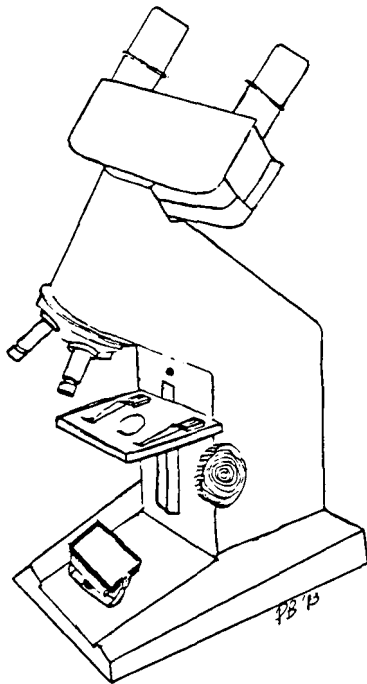
Best Seedling, gibbed: Dr. O. V. Lewis

Best Seedling, ungibbed: Mr. & Mrs. Ed Atkins

Number of ACS Memberships Sold: None.

Notes From The Research Horticulturist

BETTY HOTCHKISS



August is a time of great excitement in the camellia world. The flowering season is fast approaching and everyone is eagerly watching their flower buds swell. To ensure the best camellia blooms possible there are a few things that should be done this time of year. First on the list is disbudding. Many varieties have a tendency to produce a cluster of flower buds. Removal of excessive buds will allow those buds remaining to open unhindered and grow to a large size. When disbudding camellias, leave the terminal bud and a single lateral bud (see diagram). Also important this time of year is water and fertilization. August can be a very hot month in all areas of camellia country. Adequate moisture is essential to ensure good development of flower buds. Fertilization in the late summer and early fall is a matter for disagreement among many camellia growers. Generally, for outdoor plants, it is recommended that you fertilize in September with a low nitrogen fertilizer. A high nitrogen content will encourage new

growth and prevent hardening off of the tissue before cold weather begins. For protected camellias (those grown in the greenhouse, etc.) it is acceptable to apply a fertilizer with nitrogen at this time.

Gibbing is a practice that deserves special attention this time of year. Gibberellic acid has been used by camellia growers for over 20 years, but for many novice growers it is still a mystery. Gibbing, the practice of applying gibberellic acid, is done to increase the size of blooms and to obtain earlier blooms. Gibberellic acid is applied to individual buds. To apply, pinch the vegetative bud immediately below the flower bud and place a drop of the "gib" solution in the small cup of bud scales left. (See diagram.) Not all cultivars respond the same to gib and sometimes the shape and color of the flowers may be changed. However, the results are usually much earlier flowers of a larger than normal size. Gibberellic acid in a powder form may be purchased from the American Camellia Society.

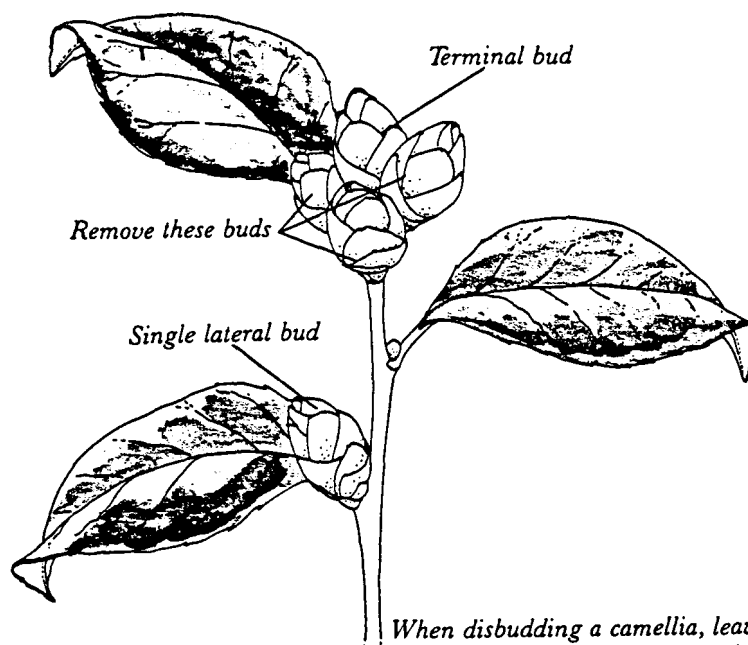
(See the advertisement elsewhere in this issue.) It is mailed with instructions for mixing, storing, and use. For those who still have questions about "gibbing" camellias, there will be a workshop held at Massee Lane August 21 to teach people how to gib camellias.

A new program being instigated by ACS about which I am very excited is a series of workshops on camellias. Beginning this month (August 1986) a workshop will be held at Massee Lane on various topics every other month. For a complete description of the workshops to be offered see the article entitled "ACS Offers Educational Opportunities" elsewhere in this Journal. Hope to see you there!

This summer we have seen a lot of new, healthy growth on both new plants and the older plants here in the garden. Many of the older plants are making a comeback from the damage of January 1985 but we are also STILL seeing twig dieback from this severe freeze. Some plants that last year we hoped would make it have succumbed this year. At this point, all we can do is to wait and see.

As camellia season again rolls around I look forward to seeing old and new friends on the road and invite you all to come to Massee Lane whenever possible.

Disbudding



When disbudding a camellia, leave the terminal bud and single lateral buds. Remove excessive buds so remaining buds produce larger flowers.

History of the Sacramento Camellia Society

RONALD E. MORRISON
Sacramento Camellia Society Historian
January 1986

"First Camellias Reached Sacramento, Feb. 7, 1852; Planting Week Is Scheduled"

"The observance next week of Camellia Planting Week will mark the one hundredth anniversary of the arrival of the first camellia plants in Sacramento.

These first specimens, according to A. E. Morrison, Sacramento County Agricultural Commissioner, arrived in Sacramento Feb. 7, 1852. They were imported by James L. L. F. Warren, a seed store proprietor, at front and J streets." (Sacto. Bee, Jan. 1952).

The above is a quote from the *Sacramento Bee*, prior to the beginning of Camellia Week, Feb. 3rd to 10th, 1952, when it was hoped to interest the citizens of Sacramento in the planting of additional camellias throughout the Sacramento area.

James Warren's first plants came to Sacramento by a circuitous route. They were shipped from New York to Panama, across the Isthmus to the Pacific and again by ship to San Francisco and by riverboat to Sacramento. The popularity of the camellia grew until the flood of 1861 and 1862 by the Sacramento and American rivers destroyed many of the gardens.

Interest in the camellia dwindled until about 1910 when a move was started to make Sacramento known as "The Camellia City." However, by 1915 the camellia again declined from public interest.

The camellia, for the next eight years was "a forgotten plant," that is, until 1923 when a nursery from Southern California secretly bought a large number of camellias for a very low price and shipped them South. When the local citizens became aware of this activity, they became aroused and interest in the camellia once again was revived. But how to maintain that interest? The answer, the ladies of the ever potent Tuesday Club; Camellia Shows!

The first Camellia Show was held in April 1924, in the David Lubin School, headed by Mrs. Charles Gilmore, Chairman. After three shows, with increasing interest from year to year, the Sacramento Garden Club was formed and each year they conducted the Annual Camellia Show. For many years, from 1931 to 1944, the chairman was Mrs. H. Pisani, who developed many of the programs that included a census of camellia plants in Sacramento, and finally a Children's Camellia Parade. The shows became an established event in early March of each year, but increase in size required more space in which to hold the show. As a result, the show was moved to the Memorial Auditorium from 1948 to 1974 and then to the Sacramento Community Center in 1975, just a few blocks from the auditorium. The only year in which a show was not held was in 1933, due to a heavy freeze in Dec. 1932, which destroyed many buds, but not the plants.

By 1943, enthusiasm over camellias had reached such a level that at the November 17, 1943 meeting of the Camellia Planting Committee, Jerry Olrich, State Gardener, made an impulsive motion, "Mr. President, I move that we form a Camellia Society in Sacramento right here and now." The motion was seconded and carried by unanimous vote and the Camellia Society was born. Present in this group was Fred Scheid, Temporary Chairman; Delbert Sprague, Vice President; Mrs. Pisani, Secretary; Mr. Hess, Treasurer; Mr. A. E. Morrison, Consulting Expert; Mr. Frederick N. Evans, Advisor; and Henry Muller, Sgt. at Arms. The dues were a whopping \$2.00 per year.

Over the years, the goal of the Camellia Society was to develop a community interest in the camellia by means of various publicity campaigns, such as having merchants tie their spring sales ads in

with the Camellia Show and Parade, out of which came the Camellia Festival, with the show being the focal point of the Festival activities. The committee also was functional for the planting of a number of camellias in the Capital Park, William Land Park, McKinley Park, and each of the local hospitals.

In 1947, the Sacramento Camellia Society, under the leadership of two members, Arthur E. Mohr, the Society President, and Harold M. Kimball, a member, decided to take on the Sacramento-Yolo Mosquito Abatement District. The subject, spraying of the miracle insecticide DDT of World War II fame. The issue was not environmental consequences to humans, but rather the effect on camellias. The general application of DDT was to use diesel fuel as the liquid base and spray in a thick fog up and down city streets. The fog being so thick as this writer recalls, as to limit visibility up to 20 to 50 feet for 5 to 10 minutes. This application was alleged to have severely damaged and killed camellias in other areas. All spraying of DDT was discontinued for the remainder of 1947 while a test area was set up in which groups of plants were sprayed with varying concentrations of DDT with a mineral oil base. At the end of a four month period, the plants were inspected and as quoted from the *Sacramento Bee*, Jan. 8, 1948, "All camellias came through without any ill effect." — very probably due to the change of oil base. This demonstrates the effectiveness of a small group of people well before the protests of the 60's or 70's.

During Camellia Week of February 20th to 25th, 1950, the Camellia Society had a goal of urging residents to plant up to 50,000 new camellias. Cooperation of 10 local nurseries, 20 local stores and three newspapers came to the aid of the Society in order to accomplish this goal.

The plants were to sell for \$1.50 each. This, indeed would make Sacramento the Camellia City of the world, having in 1941 adopted the camellia as the city's official flower.

After more than a century of camellia culture and 32 years of camellia shows and national recognition of outstanding camellia shows in the United States, the Camellia Society of Sacramento felt that it was time to expand the camellia theme.

With the vision and energy of an outstanding camellia person, Ed Combatalade, the idea of a Camellia Festival was presented to civic leaders in various aspects of community life. Their response was so enthusiastic that the Camellia Festival Association was formed to work with the Camellia Society for the First Annual Camellia Festival, Feb. 1955. Many events for the festival were considered. They are as follows:

- Camellia Queen Contest; Contestants are from California State University (Sac State), Sacramento City College (Sacramento Junior College), American River College (Grant Technical College), and Consumnes River College.
- Greater Sacramento Chamber of Commerce Breakfast, at which time the name of the Queen is announced.
- Children's Camellia Parade; Staged by the Sacramento City Unified School District, County Schools and City Recreation and Parks Department.
- Camellia Ball; Crowning of the Camellia Queen.
- Annual Camellia Show; Held in the Sacramento Community Center.

On Feb. 25, 1955, at the monthly breakfast of the Greater Sacramento Chamber of Commerce, one of the world's authorities on camellias spoke on, "Camellias around the World." This was the theme of both the First Annual Children's Parade and the 31st Annual Camellia Show, which ends the 11 day festival.

The Camellia Show and Festival has been staged together for the last 30 years and is getting better each year. Is it any wonder that Sacramento is the Camellia Capital of the World?

Today the festival encompasses over 30 events, including golf tournaments, sailboat races, folk dancing, art and photographic exhibits, ballet, the country's

only 24-hour, 100 mile foot race, international exhibits, and a choral concert.

In 1978, the people of California passed a major tax reform called Proposition 13. Prior to Prop. 13 the City of Sacramento aided in the funding of non-profit organizations such as the Camellia Show, but now this funding was going to stop, and without the funding there appeared no way to hold the show in future years. For this one year, funds were made available by the Festival Association and the show was put on. However, for the next five years, Home Savings of America fully funded the show. In 1985, Capital Federal Savings and Loan came forward with the needed financial assistance; in 1986, the Sacramento Camellia Society and Capital Federal Savings and Loan have joined together to aid with this year's needed funding.

In 1981, Dr. and Mrs. D. Jackson Faustman, along with Molly Kimura, who is a flower arranging instructor in Japanese culture, were instrumental in bringing 22 residents to our 57th Annual Camellia Show. Matsuyama is a city roughly the same size as Sacramento and has declared itself as Sacramento's "sister city." They also have an Annual Camellia Show each year and a group of 14 Sacramentans were fortunate enough to pay a return call to Matsuyama's show in April of 1981. Since then, our Society has formed a close bond with the camellia enthusiasts of our "sister city," sharing camellia culture and learning more about each other.

The year 1983 not only marked the Sacramento Camellia Society's 59th Annual Camellia Show, but it was also the Society's second opportunity, since its inception, to co-host the 1983 International Camellia Society's Convention. This drew camellia enthusiasts from Australia, Japan, New Zealand, South Africa, Italy, France, England, and Switzerland, and was a very rewarding experience for all those who participated.

As we move into 1986, we are looking forward to new developments in the camellia world, brought about from the introduction of the new group of reticulatas from China, including the yellow *C. chrysantha*. May we continue to cherish the delicate beauty of the camellia in the years to come!

ACS Offers Educational Opportunities

The American Camellia Society is continually working to better inform both our members and the general public about camellias and their care. In line with this purpose we currently have 14 slide sets complete with text which may be borrowed for programs for a small donation to cover postage and handling. These slide sets will be sent First Class mail about 10 days prior to your meeting. They make excellent programs for local societies and are also available for use when you are asked to present a program to a garden club, civic group, etc. They are continually being updated and some new sets have been added this year. Check the list.

Also available are the ACS FACT SHEETS. These one page sheets describing various aspects of camellia culture were prepared by the Horticulturist. They are especially useful for new camellia growers and would make an excellent addition to the Membership/Information Booth at your show. What better way to get new members than to help them learn how to grow camellias? These sheets are available at a cost of 25 cents per copy which includes postage and handling. New FACT SHEETS are also available this year.

SLIDE SETS AVAILABLE

1) GOOD GARDEN VARIETIES — This set contains about 60 slides of camellia varieties which do well in outdoor plantings in most camellia areas. Different flower forms, colors, and blooming season are given in the text.

2) NEW VARIETIES — 60 slides. This set is constantly being revised as new slides are received. Use this slide set to keep up with the latest varieties registered with ACS from the East, Gulf, and West coasts. The text gives the originator and parents of the new variety if known as well as other information on bloom size and season.

3) THE JUDGES HAVE SPOKEN — Keep up with what varieties have been winning shows throughout the country. Those varieties that had three or more

wins in the 1985-86 season are included in this set.

4) CAMELLIA FAMILIES — 72 slides. This very interesting set of slides illustrates some of the major camellia families including the 'Betty Sheffield,' 'Tomorrow,' and 'Elegans' families.

5) COLD HARDY CAMELLIAS — NEW!! Shown here are varieties of camellias that will bloom successfully following all but the most severe winters. They have proven hardy in Baltimore or Atlanta or were designated cold hardy by Wendell Levi of Sumter, S. C. following years of observation. Text includes information on bloom size and season.

6) OLD FAVORITES — NEW!! This set contains slides of camellia varieties which have been around for a number of years and are still popular today. Descriptions of the flowers and their origins are included in the text.

7) AWARD WINNING CAMELLIAS. Over 80 slides. This set includes slides of all ACS National Camellia awards. These are as follows:

ILLGES SEEDLING JAPONICA AWARD — from 1949 - present
PEER SASANQUA AWARD — 1958 - present
SEWELL MUTANT AWARD — 1963 - present
HARRIS HYBRID AWARD — 1963 - present
ARMINTA CAWOOD AWARD — 1976 - present
HAROLD CAWOOD AWARD — 1985 - present
JOHN A. TYLER, JR. MINIATURE AWARD — 1979 - present
AUSTRALIAN CAMELLIA RESEARCH SOCIETY TROPHY — 1975 - present
HALL OF FAME WINNERS

8) HYBRIDIZING IS FUN. 40 slides. Learn how the experts produce new varieties. These excellent "how-to" slides and text describe how simple it is for anyone to become a camellia hybridizer.

9) GIBBING. 20 slides. The articles and slides describe what gibberellic acid is, what it does for camellias, and how to apply it to obtain earlier and larger camellia blooms. Excellent for novice growers.

10) GRAFTING. 57 slides. This set includes sections on cleft grafting, cutting grafts, and grafting the big ones. Articles on grafting are included with the text. Another excellent set for novice growers.

11) DISEASES AND PESTS. NEW!! This set of slides illustrating common ca-

mellia problems is designed to help both the novice and experienced grower diagnose camellia ills.

12) POTPOURRI OF MASSEE LANE. Over 60 slides. This set illustrates the many interesting and rare things to see at Massee Lane. Enjoy a visit to your Headquarters by watching this slide set.

13) AWARD WINNING ARTISTIC ARRANGEMENTS. 40 or 80 slides as requested. Camellia arrangements which have won in various camellia shows throughout the country are represented here.

14) THE YELLOW CAMELLIA. This slide set shows *Camellia chrysantha* the new yellow camellia, in various stages of development. The text also includes the latest information on culture and hybridization of this species.

ACS FACT SHEETS

- No. 1 Planting and Care of Camellias
- No. 2 Pruning and Disbudding of Camellias
- No. 3 Disease Problems of Camellias
- No. 4 Good Garden Varieties
- No. 5 Gibbing Camellias
- No. 6 Grafting Camellias
- No. 7 Air Layering Camellias

- No. 8 Propagating Camellias by Cuttings and Seed
- No. 9 Insects and Pests of Camellias
- No. 10 Fertilization and Soils for Camellias
- No. 11 Fundamentals of Breeding Camellias
- No. 12 Container Culture of Camellias
- No. 13 Cold Hardy Camellias
- No. 14 Greenhouse Culture of Camellias
- No. 15 History of Camellias

NEW!! CAMELLIA WORKSHOPS

Your Headquarters is offering a new series of workshops featuring various aspects of camellias to be held beginning August 1986. These workshops will be filled by reservation on a first come, first serve basis (call or write for reservation). They will be limited in number. We are anticipating good support from the local community but we would like to especially encourage any of our members who are interested to register for any of these workshops. We hope they will help the public to become more aware of camellias and encourage more people to grow camellias.

Listed below are the various workshops, date and cost. Hope to see you there!!



The Scheibert Rose Garden has been a source of joy during the present blooming season. The drip irrigation system has kept the roses in top shape during the drought.

GIBBING CAMELLIAS IS EASY!!

Thursday, August 21, 1986

This course is for the novice camellia grower who has never used "gib" on camellias and would like to learn the how-to's and why's of gibbing camellias. It includes a demonstration on the mixing, storing, and

application of gib. Cost of the workshop includes 1 gram of gibberellic acid powder — enough to treat hundreds of buds. Enjoy bigger camellia blooms earlier in the year with the use of gib!

Time 7:30 - 9:30 pm

Instructor: Betty Hotchkiss, ACS Horticulturist

Fee: \$6.50

CAMELLIA CARE THROUGH THE YEAR

Tuesday, November 18, 1986

This course covers all aspects of camellia culture including propagation by grafting, air-layering, and seed, pruning, common pests and diseases, fertilization, and other topics of interest. A tour through the gardens and greenhouse will offer participants a chance to view hundreds of camellia varieties. The course will be led by ACS Horticulturist. (Lunch may be purchased at the workshop.)

Time: 10:00 am - 3:00 pm

Instructor: Betty Hotchkiss, ACS Horticulturist

Fee: \$10.00

CAMELLIAS AT CHRISTMAS

Friday, December 5, 1986

Camellias, traditional Southern flowers, can be used in a variety of ways to decorate your home for the holiday season. Watch an expert demonstrate their use in live wreaths, camellia Christmas trees, and arrangements for the table and mantle. Also, learn how to wax camellia blooms for long-lasting beauty. Participants will take home a waxed flower or other decorative items for the holiday season.

Time: 9:30 - 11:30 am

Instructor: To be announced

Fee: \$10.00

CAMELLIA GRAFTING WORKSHOP

Saturday, February 7, 1987

Learn to graft camellias and grow your own plants. Learn the technique that camellia experts use to produce plants of your old favorites or the newest varieties. Cost of the workshop includes a plant for you to graft and take home.

Time: 1:30 - 4:30 pm

Instructor: Betty Hotchkiss

Fee: \$8.00

LEARN ABOUT HERBS

Thursday, April 16, 1987

Learn how to grow your own herbs from seed to maturity. Also included will be methods for drying and preserving herbs. Various uses and recipes will be discussed. Cost of the workshop includes seed packets of various herbs.

Time: 1:30 - 3:30 pm

Instructor: To be announced

Fee: \$6.00

MAKING PAPER CAMELLIAS

Tuesday, June 2, 1987

Learn how to make beautiful paper camellias from Donna and Bill Shepherd of Charleston, SC. Astound your friends with the beauty of these blooms made from typing paper. Cost of the workshop includes one of the lovely paper camellias to take home. (Lunch may be purchased at the workshop.)

Time: 10:00 am - 3:00 pm

Instructor: Mr. and Mrs. William T. Shepherd

Fee: \$10.00

LANDSCAPING WITH CAMELLIAS

Thursday, August 27, 1987

This course will cover the basic ways in which camellias may be used to beautify the home landscape. Learn some surprising uses of camellias such as hanging baskets and ground covers. Planting methods and camellia varieties suitable for various usages will be discussed. Participants will receive a camellia plant to take home.

Time: 7:30 - 9:30

Instructor: Betty Hotchkiss, ACS Horticulturist

Fee: \$8.00

BOEHM PORCELAIN WORKSHOP

Thursday, October 15, 1987

Visit by film the Boehm porcelain studio and learn the techniques of creating these works of art. There will be a guided tour of the Boehm porcelain at the Society headquarters with discussion and comments on these pieces. Questions are welcomed for this informal workshop.

Time: 1:30 - 3:00 pm

Instructor: Ann Blair Brown

Fee: \$6.00

Memorial Donations

(The name in boldface type indicates the person in whose memory the donation has been made as of June 30, 1986.)

Mrs. E. P. Akin, Shreveport, LA

Mr. & Mrs. G. F. Abendroth

Mr. Roy C. Stringfellow

Mr. Thomas R. Ames, Jr., Wilmington, NC

Tidewater Camellia Club

Mrs. Irving B. Anderson, Sacramento, CA

Camellia Society of Sacramento

Sacramento Camellia Forum

Dr. Asa Barnes, Fernandina Beach, FL (Died February 4, 1986)

Fernandina Beach Men's Garden Club

Dr. & Mrs. Emil Carroll

Mr. & Mrs. Douglas Deane Hall

Dr. & Mrs. C. David Scheibert

Mr. Joseph Brinkerhoff, Jr., Memphis, TN

Dr. & Mrs. C. David Scheibert

Mr. & Mrs. George W. Crawford

Mr. Milton H. Brown, Fort Valley, GA (Died April 9, 1986)

Mrs. Edward L. Tolson

Mrs. T. Edward Clyatt

Mr. & Mrs. C. Boynton Cole

Mr. & Mrs. Edwin E. Brannen

Mr. & Mrs. Otis B. Gunn

Mr. & Mrs. Herbert Segner

Camellia Club of Mobile

Sue B. & Clarke W. Duncan Foundation

Jackson Camellia Society

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December 1987

Learn to use camellias as cut flowers in a variety of ways. This course is for beginning students and demonstrates the use of camellias in making corsages, massed arrangements (Church), arrangements for the home, and Japanese arrangements. Cost of the workshop includes one arrangement to be taken home by the student. (Bring your own vase.)

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—ACS—

Club Corner

This is to be a new article in each *Journal* reserved especially for items of interest from member Clubs and Societies. Please send in to ACS Headquarters articles on happenings, programs, and plans your club has.

We would like to know of any successful membership drives, educational programs, special projects, outstanding social events, etc. your club has had recently or may be planning for future months.

If they are available, send black and white photographs to accompany your article. We feel sure other ACS members are interested in your club and its activities.

Island of Beaches Camellia Society Jacksonville Beach, Florida

The Island of Beaches Camellia Society participated in the largest Beaches Opening Parade in its 40-year history. The Beaches Camellia Society's Float featured the "Sunsational" Camellia with dreamy camellias protruding from each eye of Old Sol.

Twenty-six blocks of 10 to 20 persons deep gazed at our floral decorated Convertible with the Queen, Miss Heather Patton and the Queen-elect, Miss Kristen Smith, surrounded by her "petals" and Camellia Society's officials.

Middle Georgia Camellia Society

The Middle Georgia Camellia Society held its third annual picnic Thursday, June 19th, at Masee Lane. Barbecued chicken plates were served. Marvin Jernigan, President, cooked the chickens on the brick barbecue pit built at ACS Headquarters. Fresh corn on the cob was also a treat. The meal was enjoyed by all.

The 35-40 members plus five guests enjoyed the Scheibert Rose Garden, the daylily garden and the partially completed Japanese garden located at ACS Headquarters.

Gulf Coast Camellia Society

The 25th annual meeting of the Gulf Coast Camellia Society will be held August 8-9 at the Quality Inn. I-65 and Airport Boulevard in Mobile.

Mid South Camellia Society

Mid South Camellia Society will have its annual meeting on Saturday, August 23 at Cheekwood, Nashville, TN.

Atlantic Coast Camellia Society

The seventh annual meeting of the Atlantic Coast Camellia Society will be held October 3-4 at the Independent Holiday Inn at Myrtle Beach. See details elsewhere in the *Journal*.

THE 1986-87 ARTISTIC ARRANGEMENT CONTEST

MRS. CLARENCE DODSON

MRS. R. D. McNEILL, III

IN OUR FORTIETH YEAR

DISCOVER ANEW

..... *Beauty*
 *Faith*
 *Serenity*
 *Drama*
 *Treasures*

In a Camellia

DIVISION II

Artistic Design

ONE OR MORE CAMELLIAS MUST BE USED IN ALL CLASSES

Additional Plant materials may be used in all classes. In classes where flowers other than camellias are used, then the camellia(s) must be the dominant flower(s).

SECTION I. Tri-Color Classes

Classes 1, 2, 3, and 8 are eligible for the Tri-Color Award. The award winning design must be a blue ribbon winner scoring 95 or above. All plant material must be fresh. One or more accessories may be permitted. The Tri-Color Award is represented by a rosette combining blue, red and yellow ribbons. This is to be provided by the local show committee. There must be a minimum of three (3) classes with at least four (4) entries in each class to place the award.

Class 1. . . . *Discover anew the beauty of camellias in the aesthetic appeal of the conventional mass line design.*

Class 2. . . . *Discover new faith in a spiritually motivated theme.*

Class 3. . . . *Discover serenity in the eloquent simplicity of camellias in the manner of an Oriental design.*

Design30 pts.
 Color harmony20 pts.
 Distinction25 pts.
 Expression25 pts.
 Total100 pts.

SECTION II. Creativity Classes

Classes 4, 5, 6, 7, 9 are eligible for the Creativity Award. The award winning design must be a blue ribbon winner scoring 95 or above. One or more camellias MUST be used in all designs with fresh and/or dried plant materials with or without other components. Treated plant material is permitted. The Creativity Award is represented by a rosette of purple ribbons and is to be furnished by the local committee.

There must be a minimum of three (3) classes with at least four (4) entries in each class to place the award.

Class 4. . . . *Discover the beauty of a camellia in the rugged splendor of a wood sculpture. A unique framework of a permanent nature for presenting the loveliest of all flowers.*

Class 5. . . . *Discover beauty in the grief sustained by the lone survivor. An interpretive design.*

Class 6. . . . *Discover drama with unique materials, exciting lines and spaces, and a trio of camellias. A creative design.*

Conformance10 pts.
 Design30 pts.

(Balance, Dominance, Contrast, Rhythm, Proportion and Scale)

Color10 pts.
 Distinction15 pts.
 Creativity20 pts.
 Expression15 pts.
 Total100 pts.

TABLES

SECTION III

Rules for Table Exhibits — Fresh plant materials must be used in the decorative unit. Artificial flowers, foliage, fruit and/or vegetables will not be permitted. Coloring of fresh plant material will not be permitted. Bases and accessories may be used but emphasis must be on camellias.

Exhibitors may use fresh fruits, flowers, vegetables, china, mats, cloths, or other accessories.



At the upcoming camellia shows, you will see many lovely artistic arrangements. This was a winner in the 1984-85 season.

Definition of Exhibition Table — An exhibition table is not related to the actual service of food. Only the elements and principles of design govern the selection and placement of appointments and decorative unit within the space allowed.

Definition of Functional Table — A table which is designed for the service of food is a functional table. Consideration must be given to the requirements of its use, and will include dishes, linens and a decorative unit with or without accessories.

Awards — Class 7 and 9 are eligible for the Creativity Award.
Class 8 is eligible for the Tri-Color Award.

Class 7. . . . *Discover new directions and new expectations for the camellia — exhibition table suitable for breakfast. Eligible for Creativity Award.*

Class 8. . . . *Discover the beauty of a camellia when it is used with strange and beautiful textures and the merest touch of luscious colors to create an exhibition luncheon table. Eligible for Creativity Award.*

Class 9. . . . *Discover Nineteenth Century treasures in harmony with Twentieth Century living. A semi-formal functional table for four. Eligible for Tri-Color Award.*

DESIGN CONTEST RULES

1. Contest is open to exhibitors in Camellia Shows held in conjunction with ACS.
2. The Standard System of awarding as required by National Council of State Garden Clubs shall be used — one blue, one red and one yellow ribbon may be given in each class. A white ribbon may be awarded for honorable mention. The Handbook for Flower Shows, 1977 edition and Supplement, will be used as authority by judges and exhibitors. This is the official guide for National Council of State Garden Clubs.
3. Only blue ribbon winners may be entered in ACS Contest.
4. Class names must adhere to the schedule prepared for the ACS Contest for 1986-1987.
5. Photographs must be received by:
Mrs. R. D. McNeill, III
Route 1
Americus, GA 31709
by May 15, 1987 or be disqualified and all photographs become the property of ACS.
6. Photographs must be 5" x 7" or 8" x 10" black and white glossies. They should be clear in design. No entries will be accepted that include entry card, ribbons, trophies or other extraneous material. These must be removed from exhibit before picture is taken. Good photography is essential.
7. It is strongly suggested that a color slide be included for better judging and good evaluation of color. Slides will also become property of ACS.
8. Description information must be typed and accompany photograph. Do not write on back of photograph or attach material with pins or clips. The following description information is

required.

Section and Class

Design Description and Interpretation

Container Description

Materials used — describe color and names of plant material, background and accessories (if used). Name and color of camellia if possible.

9. On a separate sheet, include name and address of designer and Section and Class name. Name of Show and Name of Club(s) sponsoring Show and date of Show.
10. A schedule of the show must be included with each entry.
11. Do not send questions or photographs to the ACS headquarters or ACS president. The chairman of the contest will answer any questions.
12. The Standard System of judging as required by National Council of State Garden Clubs shall be used and the decision of the judges is final.
13. Exhibitors shall be limited to one entry in each class.
14. The 1986-1987 Artistic Design Contest Schedule must be adhered to with the use of camellias.
15. No artificial plant material will be allowed.
16. Schedule may permit treated plant material in Creativity Classes.
17. Backgrounds should be plain for photography purposes.
18. Photographs should be made as soon as possible after judging is completed to capture the freshness of the bloom(s).

THE FOLLOWING POLICIES ARE RECOMMENDED

1. The local Camellia Show Artistic Design Chair-

man may prepare an entirely different schedule from the one prepared for the ACS Contest. However, if the local group wishes to compete in the ACS Contest, their schedule must be SELECTED FROM the ACS schedule and all rules of the contest must be adhered to.

2. Local groups or clubs may add additional classes, including invitational classes to the official schedule if they so desire.
3. Contest entries will be selected only from the ACS design schedule.
4. The Design Judges and the Contest Judges must be accredited by National Council of State Garden Clubs in order to uphold the Standard System of Judging.
5. Lighting adds much to the mood and beauty of Artistic design and photographic clarity. Shadows, which compete with design or arrangement, can often be eliminated by proper lighting when photographing.
6. Local chairman has full responsibility for acquiring ribbons of local Camellia Society as well as tricolor and creativity ribbons. ACS provides certificates for the Most Outstanding Arrangements in the contest.
7. The local club is responsible for staging and for rules of exhibiting and judging to conform to those of the ACS contest.
8. Exhibitors in the Artistic Division need not be members of a Camellia Society.
9. Designs must be made by the exhibitor.
10. The size of backgrounds and space available for each entry should be specified in the local schedule. (However, it is strongly recommended that adequate size be given to staging to allow good design, i.e., 40" for Tricolor, and 48" for Creativity.)

ACS

FUTURE MEETINGS OF THE ACS

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

Questionnaire Information

You will find a questionnaire in the center of your *Camellia Journal*. The advertising committee is asking you to fill out the questionnaire and mail it to Headquarters PROMPTLY.

In order for the *Camellia Journal* to obtain more advertising, we need to know more about the buying habits of our readers. The application is being processed to list the *Camellia Journal* in the advertising industry "Standard Rate and Data Book." This is basically the "yellow

pages" of the advertising industry. A listing in it tells advertisers that the *Camellia Journal* solicits advertising. For more details, see May *Camellia Journal*, page 20.

Most of our advertising has been on camellias and products related to growing camellias. With more knowledge about the buying habits and interests of our members, we will possibly attract other advertisers. Won't you do your part and answer NOW?

Camellias Registered with the ACS Since the May 1986 Journal

Concepts Of Camellia Culture: Disbudding Camellias

By J. CARROLL REINERS

Name and Description	ACS Registry Number	Originator
'Willard Scott,' This variety has true formal doubles and complete peony forms on same plant and with blooms of definitely different sizes. Pale pink with true pink edges, <i>C. japonica</i> ('Mrs. Bertha Harms' x 'Caroline Browne'), early to mid-season Formal Double: Small. Peony Form: Large.	2005	Mrs. H. S. Stone
'Momoiro Bokuhan,' miniature, dark rose outer petals with white petaloids streaked with rose, anemone form <i>C. japonica</i> , early to mid-season	2006	From Japan, Reg. by Mrs. H. S. Stone
'Rabbi Peiser,' medium, white, formal double <i>C. japonica</i> ('Sadie Mancill' x 'Evelina'), mid-season	2007	Mrs. H. S. Stone
'Tada Meibi,' miniature, rose with salmon overcast, formal double <i>C. japonica</i> chance seedling, early to mid-season	2008	Mrs. H. S. Stone
'Douglas Mayfield,' medium, white, anemone form <i>C. japonica</i> ('Sadie Mancill' x 'Evelina'), early to mid-season	2009	Mrs. H. S. Stone
'Dusty,' large, dusty rose pink, formal double <i>C. japonica</i> chance seedling, mid-season to late	2010	M/M Elmer Achterberg
'J. W. Rodgers,' medium to large, rose red, semidouble to rose form double, <i>C. reticulata</i> hybrid ('Crimson Robe' x 'Jean Pursel'), mid-season to late	2011	Frank Pursel
'John Hall,' very large, deep apricot pink, semidouble, <i>C. reticulata</i> chance seedling of 'Mouchang,' mid-season to late	2012	Houghton S. Hall
'Spencer Smiley,' soft phlox pink, semidouble, <i>C. reticulata</i> chance seedling of 'Cornelian,' midseason to late	2013	Houghton S. Hall
'Robert Lowell Cooper,' medium, vibrant deep red, formal double <i>C. japonica</i> ('Letitia Schrader' x 'Dr. Tinsley'), mid-season	2014	Mrs. Henry S. Stone
'Bobbie Dennis,' medium to large, very pale blush pink, anemone to peony form, <i>C. japonica</i> ('Sadie Mancill' x 'Evelina') mid-season to late	2015	Mrs. Henry S. Stone
'Anglique,' miniature to small, ivory white, formal double, <i>C. japonica</i> chance seedling, mid-season	2016	Mrs. Henry S. Stone
'Hank Stone,' large, rose to pale pink, rose form double <i>C. reticulata</i> ('Crimson Robe' x 'Arch of Triumph'), midseason to late	2017	Frank Pursel
'Star Is Born,' very large, light pink, semidouble <i>C. reticulata</i> chance seedling, mid-season	2018	Nuccio's Nurseries
'Spring Formal,' medium, deep pink, formal double <i>C. japonica</i> chance seedling, late season	2019	Nuccio's Nurseries
'Bill Goertz,' large, red, semidouble, <i>C. reticulata</i> (<i>C. reticulata</i> 'William Hertrich' x <i>C. japonica</i> 'Clark Hubbs'), mid-season	2020	Nuccio's Nurseries
'Buttons And Bows,' small to medium, light pink shading to deeper at edge, formal double <i>C. hybrid</i> chance seedling (<i>C. saluenensis</i> x <i>C. japonica</i>), early to mid-season	2021	Nuccio's Nurseries
'Midnight Magic,' medium to large, very dark red with center petaloids marked white in varying degrees, peony form <i>C. japonica</i> chance seedling, late	2022	Nuccio's Nurseries
'Dawns's Early Light,' medium to large, light to deep orchid pink intermixed, peony to rose form double, <i>C. japonica</i> chance seedling, mid-season	2023	Nuccio's Nurseries
'Silver Lace,' large to very large, white, semidouble to peony form <i>C. japonica</i> chance seedling, early to late	2024	Nuccio's Nurseries
'Holly Bright,' large, rose to pale pink, rose form double <i>C. reticulata</i> ('Crimson Robe' x 'Arch of Triumph') mid-season to late	2025	Nuccio's Nurseries
'Campari Rose,' medium, rose red, formal double, <i>C. japonica</i> sport of 'Campari,' mid-season	2026	Mrs. Henry S. Stone
'Ivan Mitchell,' large, dark red, rose form double to formal double, <i>C. reticulata</i> chance seedling, mid-season to late	2027	Frank Pursel

Life in Nature strives to reproductively perpetuate its kind as prolifically as possible, even to the detriment of the health of the parent. The common dying gesture of a plant may be its most prodigious seed crop. We know that high fruiting productivity is deleterious to optimum plant vegetative and flower quality. The knowledgeable camellia grower and exhibitor reacts to Nature's over productivity by disbudding his camellias to reduce the strain and energy drain upon his plants. Generally we begin disbudding in August and continue, according to the cultivar, more or less right up till bloom time, for it is better late than never. Like the Olympic highjumper who concentrates on strengthening only his leaping leg, we must make sure that plant energy is channeled to only a few selected buds rather than diluted in many. A good premise is never allow more than one bud (miniatures excepted) per lateral twig. Disbudding results in better spring growth, larger more perfect flowers and is one of the prime ways to produce exhibition camellia blooms.

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New Observations on Camellia Leaf Gall

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

Leaf gall of camellia, sometimes called Exobasidium leaf gall, is an infectious fungal disease. Presumably one form of the fungus attacks *Camellia japonica* while another form attacks *C. sasanqua* (1). Leaf gall of *C. sasanqua* is a very common disease, attacking all known cultivars and seedlings of this species. Affected, newly expanding, mature vegetative buds form much thickened and enlarged galls in April and May (Fig. 1).

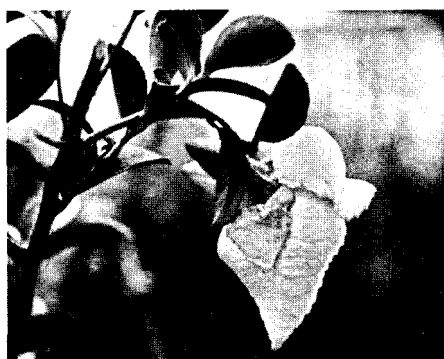


FIGURE 1. Leaf gall of *Camellia sasanqua*.

In 1946, West (5) reported that leaf gall had been known to occur in the southeastern states for over 20 years on two camellia species, *C. japonica* and *C. sasanqua*, with the highest incidence occurring on *C. sasanqua*. The number of affected young vegetative buds on any *C. sasanqua* plant may be few or many. This may be because 1) the plant is or is not in a position favorable for infection (shade or sun, protected from wind, etc.), 2) a plant affected when young tends to have more infected buds year after year, or 3) the genetic endowment of the plant may or may not favor infection. For example, some *C. sasanqua* cultivars, such as 'Cleopatra' and 'Narumigata' (and some seedlings) seem to be very susceptible to this pathogen since a high incidence of leaf gall occurs year after year. It is thought that these cultivars and seedlings are genetically more susceptible than others that have a low incidence of galls year after year; the high incidence

of disease therefore is not believed to be due entirely to being either in a favorable environment for the pathogen (germination and penetration of *C. sasanqua*) or not having been infected as a very young plant, infection of which tends to increase year after year.

Usually, galls are noticeable before non-affected vegetative buds begin to grow. The cells of leaf-gall tissues are larger and more numerous than cells of comparable healthy leaf and young stem tissue (5,8). Many times, all cells of the entire developing vegetative bud, that is, cells of stem as well as leaf tissue, are affected. The fungus secretes a hormone (indoleacetic acid) that causes embryonic host tissues to divide repeatedly because the normal hormonal balance is altered (8). After galls develop, the lower leaf surface ruptures and within a few days the exposed tissue takes on a whitish appearance due to the development of a large number of fungal spores. According to West (5), galls produce spores which are shed and disseminated by rain or wind in early spring (in Florida) and galls occur always only on *C. sasanqua*; however, he reported that one specimen (infected leaf tissue) of *C. japonica* was received from a camellia enthusiast from a neighboring state. He interpreted this to mean that *C. japonica* is not immune to leaf gall. Wolf & Wolf (8) state that *E. camelliae* var. *gracilis* remains dormant within developing buds of *C. sasanqua* from one spring until the next. The renewal of bud growth coincides with renewal of pathogen activity.

They (8) also found that the fungus produces indoleacetic acid and suggested that this material probably accounts for the pathology of the disease; that is, uncontrolled increase in both size and number of cells without differentiation into normal, functional leaf and stem tissues. At fungal maturity, the lower leaf surface sloughs off, exposing spore-bearing fungal structures (2,5,8). Wolf & Wolf (8) state that as the basidia (spore-bearing, fungal structures) elongate, the pressure exerted by the fungus results in

the sloughing off of the lower leaf tissue (or tissues), consisting of the lower epidermis and 4 to 6 contiguous layers of mesophyll cells (actually undifferentiated cells that normally would have been mesophyll cells). Basidia then complete their development on the exposed surface and discharge their spores into the air. This agrees with West (5) who states that the microscopic spores (from the hymenium or spore bearing area) are disseminated by either wind or water; these spores may then fall on and infect newly developing shoots (more likely he meant buds on newly developing shoots). West (5) states further that presumably, these spores infect young buds in the axils of the leaves of new shoots because it is from such buds that infected shoots develop the following year (that is, in the spring).

OBSERVATIONS AND DISCUSSION

Several years ago we observed that the hybrid camellia cultivar 'Valley Knudsen,' an interspecific camellia cross (*Camellia saluenensis* x *C. reticulata* 'Buddha'), had several leaf galls (Fig. 2).

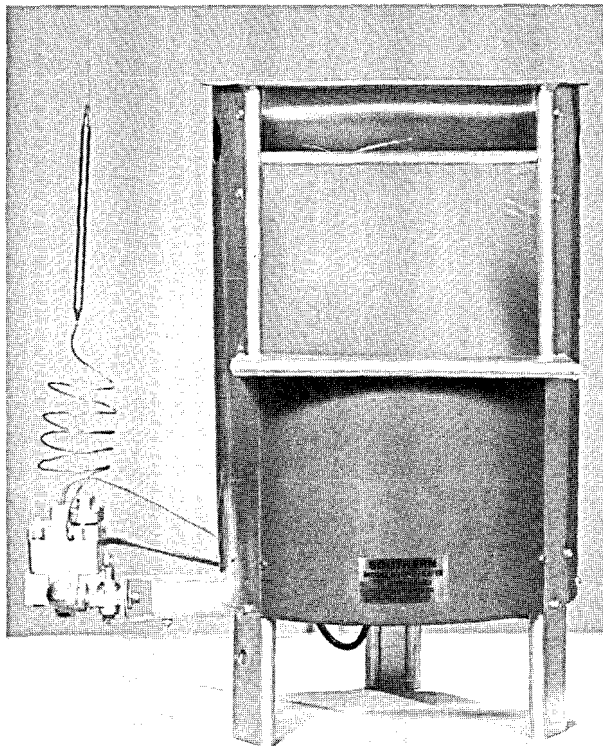


FIGURE 2. Leaf gall of camellia hybrid 'Valley Knudsen' (*Camellia saluenensis* x *C. reticulata* 'Buddha').

Since then it has been seen on this cultivar several times. A seedling of 'Valley Knudsen,' raised by the senior author, had several leaf galls this year (1986). In January, 1985, a severe freeze (-5°F) killed 'Valley Knudsen' but in July (1985) this plant put out new growth near the stem base above the graft. The same thing occurred to a plant of *C. hiemalis* 'Kanjiro' with new growth occurring in

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July that initiated from the base. This year (1986) no leaf gall was found on the above mentioned new growth of either 'Valley Knudsen' or 'Kanjiro.' This is interpreted to mean that after the fungal spores were shed from leaf gall tissue (this occurs usually in May), new growth of young vegetative buds occurring after July 1 (after all spores have been shed) are free of infection. Thus it is probable that young vegetative buds present on new growth in May are the only ones that become infected by the camellia-leaf-

gall fungus (*Exobasidium camelliae* var. *gracilis*).

This year (April-May) it was noted also that the camellia hybrid, 'Debbie' (*C. saluenensis* x *C. japonica* 'Debutante') had several leaf galls, especially galls involving whole buds. Usually *C. japonica* cultivars are not affected by this fungus. This is interpreted to mean that susceptibility to the leaf gall fungus is introduced into this hybrid by one of its parents, most likely *C. saluenensis* since *C. japonica* is affected only rarely. Sev-

eral hybrids with the parentage *C. saluenensis* x *C. japonica* and some with the parentage *C. saluenensis* x *C. reticulata* have been planted alongside infected *C. sasanqua* plants. For example, 'Titirangi' and 'Francie L' (*C. saluenensis* x *C. reticulata* 'Buddha') are among those planted. These two cultivars have the same parentage as 'Valley Knudsen.' As suggested by West (5), infection is thought to occur in May (1986 for example) but it will not be expressed until April and May, 1987. Thus, results will

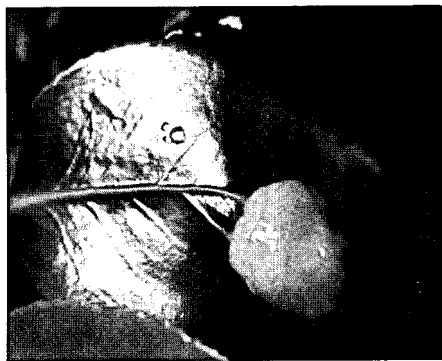


FIGURE 3. Leaf gall of *C. japonica* 'R.L. Wheeler.'

not be available on these hybrids until next spring.

The cultivar 'Dawn' (*C. vernalis*) is susceptible to leaf gall (Fig. 4) Dr. W. L. Ackerman, a camellia geneticist and well-known personality to camellia enthusiasts, is of the opinion that 'Dawn' is a plant having the following parentage: *C. japonica* x (*C. japonica* x *C. sasanqua*) (personal communication). That is, 'Dawn' is the result of a natural cross between *C. japonica* and *C. sasanqua* and then this hybrid crossed back onto *C. japonica*. The diploid state of 'Dawn' has 45 chromosomes. This odd number of chromosomes and morphological characteristics can be explained by the above crosses. In a trip to Japan, Dr. Ackerman conferred with a leading Japanese camellia geneticist about the parentage of 'Dawn' and he concurs that this is most likely the parentage of 'Dawn.' It is suggested that other *C. vernalis* cultivars, such as 'Egao,' 'Hiryu' and 'Star Above Star' probably evolved in the same way. It will be interesting to find out if they too are susceptible to the leaf gall fungus. These also are now being tested.

It was observed (May 1986) that a seedling of *C. oleifera* had several galls affecting entire developing buds (as opposed to a few leaves or parts of leaves) (Fig. 3). Several seedlings of *C. oleifera* are now planted near several large *C. sasanqua* plants that were affected by leaf gall this year.

Finally, two leaves, which were partially infected by the leaf gall fungus (Fig. 3), of two separate cultivars of *C. japonica* were found in the garden of the senior author. Such infected leaves (*C. japonica*) are seen only rarely, and we never have seen entire buds (*C. japonica*) affected as is typical for infected buds of *C. sasanqua* (Fig 1). While we have no



FIGURE 4. Leaf gall of 'Dawn' (*C. vernalis*).

evidence to date, we suggest that infection of *C. japonica* leaves occurs through minute wounds during an early stage of growth of expanding young leaves. At any rate, these galls on *C. japonica* leaves are seen only on rare occasions.

Three plants of *C. saluenensis* have been planted at Clemson, S. C. near infected *C. sasanqua* plants. In the spring of 1987, these plants will be observed for leaf galls. This plant is suggested as the source of susceptibility in hybrids, such as *C. saluenensis* x *C. reticulata* or *C. saluenensis* x *C. japonica*.

SUMMARY

Several camellia hybrids were found to be infected by leaf gall as well as two species, *C. oleifera* and *C. vernalis*. None of these had been reported previously.

ACKNOWLEDGMENTS

Thanks are extended to Drs. O. W. Barnett and O. J. Dickerson for helpful suggestions during preparation of the manuscript.

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Expressions of Goodwill*

The 1986 Convention with 36 participants from the United States of America and 24 from Australia among the more than 500 attending was a time for goodwill and friendship between the three countries.

A tangible expression of this goodwill amongst camellia enthusiasts was a presentation by New Zealand Camellia Society president, Mrs. Pat Nelson of a greenstone trophy to the Australian Camellia Research Society through president, Terry Pearson and an identical one to the American Camellia Society through Judge Hulyn Smith.



The carvings, by Mr. Hepi Maxwell of Rotorua, are based on 'Karo,' the shape of the New Zealand fern and represent the frond unfolding majestically. The fern frond is associated with progress, new growth, the birth of children and prosperity.

* Taken from *New Zealand Camellia Bulletin*, Vol. XIV, No. 4.

Pesticide Pointers

Pesticides Are Poisonous

Pesticides have to be poisonous in order to kill undesirable plants, diseases, insects, or other pests. Reading and understanding the label can be the key to safe and proper use of pesticides.

Each pesticide is identified with one of the following words:

DANGER WARNING CAUTION
Products bearing the word **DANGER** must also have the word **POISON** printed in red on the label. Products with the word **DANGER** are 10 times more hazardous than products bearing the word **WARNING** which are 10 times more hazardous than those marked **CAUTION**. This system of identifying pesticide hazards is based on the oral, dermal, and inhalation toxicity of each product.

DANGER — Pesticide products that are **HIGHLY** toxic. These must bear the following: 1) a skull and cross-bones and the word **POISON** in red; 2) the sentence **KEEP OUT OF REACH OF CHILDREN** and an appropriate warning statement; 3) an antidote statement; 4) emergency first aid instructions; and 5) the instruction, **IF SWALLOWED, OR IF SYMPTOMS OF POISONING OCCUR, CALL A PHYSICIAN IMMEDIATELY**.

WARNING — Pesticide products that are **MODERATELY** toxic. They must bear the following: 1) the sentence, **KEEP OUT OF REACH OF CHILDREN** and an appropriate warning statement; 2) an antidote statement; 3) emergency first aid instructions; and 4) the instruction, **IF SWALLOWED, OR IF SYMPTOMS OF POISONING OCCUR, CALL A PHYSICIAN IMMEDIATELY**.

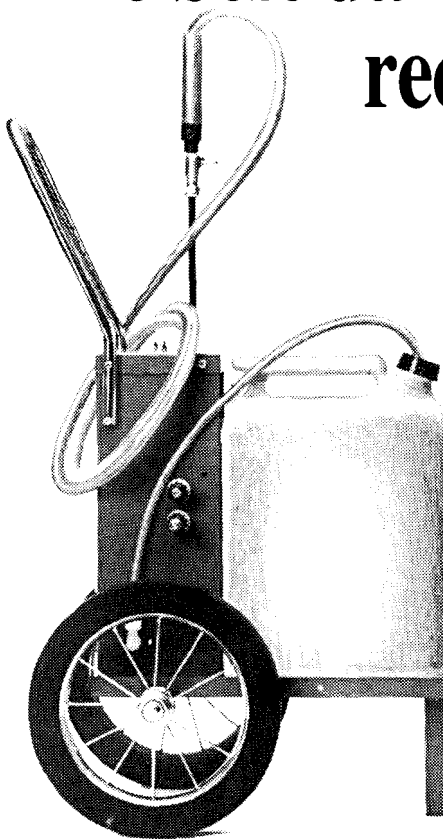
CAUTION — Pesticide products that are **SLIGHTLY** toxic to relatively harmless. These must bear the sentence, **KEEP OUT OF REACH OF CHILDREN** and an appropriate warning statement.

Common Mistakes in Using Pesticides

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won't help if you have a bacterial disease, etc.

- 2) **NOT ENOUGH KNOWLEDGE ABOUT THE PESTICIDE** — Did you read the label carefully? You must apply the material in the proper way for it to work.
- 3) **WRONG TIMING** — Did you spray too early or too late? A stomach poison will not be effective if the insects are not feeding.
- 4) **OLD MATERIALS** — Be wary of pesticides over two years old, those with color changes, or component separation.
- 5) **INCOMPATIBLE MIXTURES** — Not all pesticides may be used together.
- 6) **WEATHER PROBLEMS** — Rain may wash the pesticide off and hot, dry weather may cause the pesticide to harm your plants.
- 7) **IMPROPER COVERAGE** — Spray the plants, making sure to cover under the leaves as well as on top.
- 8) **POOR RECORDKEEPING** — The only way to learn from your past successes and failures is to keep good records.
- 9) **IMPROPER EQUIPMENT CLEANING** — Clean equipment thoroughly after each use. Residues from previous sprays may harm the sprayer or plants the next time around.

Tips on Preventing Pesticide Damage to Plants

Plant damage can be minimized by following a few simple rules: **DO NOT SPRAY STRESSED PLANTS.** Plant damage is probable if the temperature is above 90° F. (On a sunny day, leaf temperatures can be as much as 15° above the air temperature.) Also, do not spray during periods of drought or abnormally cold temperatures.

SPRAY WHEN WEATHER CONDITIONS PROMOTE RAPID DRYING. Likelihood of plant damage is increased when pesticides remain in solution on leaf surfaces for long periods of time. Beware of high humidity conditions.

MIXTURES OF PESTICIDES CAN CAUSE PLANT DAMAGE EVEN IF THE INDIVIDUAL PESTICIDES DO NOT.

KEEP SPRAYER EQUIPMENT CLEAN.

The most common symptoms of plant damage due to pesticides are listed below:

PLANT BURN — Dark spots on the tips or edges of leaves sometimes spreading to the whole leaves.

CHLOROSIS — Yellowing of leaves.

ABNORMAL GROWTH, GENERAL STUNTING, AND LEAF DISTORTIONS.

New growth usually shows pesticide damage most. It is not always easy to diagnose, but if you see strange symptoms on a plant after spraying, check with your local extension agent *before* spraying again.

Brownie loved his family, his friends, his church, his job, his country. He enjoyed working, he enjoyed relaxing. He was a good historian, and numerous articles on the history of camellias testify to his expertise on their origin and the paths they followed before finding a home in our gardens.

Brownie adapted easily to his new job as executive director of the American Camellia Society, partly because he was already a camellia enthusiast. Also, he had learned early in life how to work cooperatively with people, and how to get along well with prince or pauper. Whether he was with the elite or the common, his forthright and gentle nature won their confidence, which he never betrayed. He was a master at his trade because of his dedication to duty, his willingness to work, and his eagerness to share. Brownie was a man who could bear close inspection; the more you knew about him, the more you respected him.

How do we measure the worth of a man? Can we put yardsticks to dependability or scales to honesty? When I asked Brownie for advice it was forthcoming, but any criticism, and it was needed many times, was cloaked in kindness and gentleness. His depth of perception was excellent but he always had a listening ear so as to learn more and thus to appreciate better another of God's miracles, the camellia.

Brownie gave encouragement to the likes of Dr. W. L. (Bill) Ackerman, Dr. C. R. (Cliff) Parks, Dr. Bruce Bartholomew, and me, whose professional work partly involves camellias. He encouraged vigorously those whose hobby or livelihood involve camellias. He could promote camellias because he loved camellias, and when you love something, you try to understand that something.

Brownie wore many hats. He also wore big shoes; awfully big shoes. He shall be remembered by friends; his friends were legion. Brownie learned how to live, how to learn, how to love all of God's creation. His friends serve as a measure of his successful life. We are grateful that we were able to share and participate in at least a part of Brownie's life. We are all his beneficiaries. We are all glad to have been able to call him friend. The world is a better place because he was here.

—ACS—

Tribute to Milton H. "Brownie" Brown

LUTHER W. BAXTER, JR.

How do we measure the worth of a man? Brownie (Milton H. Brown) is dead. We feel a loss already, for we walked many miles down our beloved Camellia Lane with him. He was a wise, vigorous and enthusiastic leader. He knew camellias as well as he loved them. When he laid his eyes on a camellia flower, an eye that had seen tens of thousands at close range, it was compared to

those thousands that had gone before and the thousands that would come throughout the camellia tomorrows. Yet, regardless of the flower, he looked for its beauty, not its flaws. He knew camellia people as well as he loved them. He looked for the beauty in the eyes of the beholders as he did for that which they viewed, not for their flaws. He respected them; he was respected.

Election Of Directors-At-Large And State Directors For Pacific Coast Territory

Pacific Coast Territory Vice-President Alfred Gamper turned in the following report of nominations for Directors-at-Large and State Directors for the Pacific Coast Territory. This is in accordance with the article on page 5 of the February 1985 *The Camellia Journal*.

In September all ACS members of the Pacific Coast Territory will receive ballots. For the Directors-at-Large each will vote for 2 of the 3 nominees. In the states of California and Washington/Oregon, members will vote for 1 of the 2 nominees from those states respectively. In other states of the territory members will vote for Directors-at-Large only.

DIRECTORS-AT-LARGE

Thomas E. Hughes, La Canada, CA. Mr. Hughes is a former President of Pacific Camellia Society, has served as Director of Southern California Camellia

Council, actively participated in all local shows for many years, and has acted as Show Chairman of many Southern California shows. He has been a very active member of ACS for 15 years, serving as Vice-President for 1979 and 1980. Tom and Elsie attend most ACS meetings.

Robert L. Kellas, Fresno, CA. Mr. Kellas has been a member of ACS for over 18 years, has served 2 terms as President of Central California Camellia Society, and is President-elect of the Northern California Camellia Council. He is actively engaged in many shows, and has served as Show Chairman twice. Bob and his wife, Bette, regularly attend ACS meetings.

Edith Mazzei, Concord, CA. Edith Mazzei has served as President of the Delta Camellia Society, as Director of the Northern California Camellia Council, is

very active in all shows, participates on many Committees and attends many ACS meetings.

STATE DIRECTOR-CALIFORNIA

James Grant, Santa Rosa, CA. Mr. Grant is a regular attendant of ACS meetings, a past President of Camellia Society of Santa Rosa, and an active participant in many Northern California shows.

H. C. Rambath, Sacramento, CA. Mr. Rambath is a regular at ACS meetings, received a Certificate of Recognition for his services to the ACS Endowment Fund, served 2 terms as President of Camellia Society of Sacramento, and has served as President and Director of Northern California Camellia Council.

STATE DIRECTOR — WASHINGTON/OREGON

Margaret MacDonald, Salem, OR. Mrs. MacDonald has been involved with camellias for over forty years, served as a Director of Southern California Camellia Society and Temple City Camellia Society, presently belongs to New Zealand and Australian Societies, and has been

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Secretary of the Oregon Camellia Society for five years.

Alton B. Parker, Newberg, OR. Mr. Parker was appointed by the ACS Board to replace Cooper Ratliff and is therefore eligible for reelection. Al has served as President of Pacific Camellia Society and Sonoma County Camellia Society, and at the present time is President of the Oregon Camellia Society. Al and Vera are regular attendants at ACS meetings.

Congratulations are in order for the Vice-President and the members of his nominating committee for coming up with such a slate of deserving Directors and Directors-at-Large.

— ACS —

HEART to HEART

DR. DANIEL E. NATHAN

Man is the sum total of the life he lives
and the memory he leaves behind.

Milton H. Brown

The family and many friends of Milton H. Brown have a multitude of fond memories from which we can all gain strength. Brownie, as he was affectionately known, lived a life of achievements. He grew up in Pennsylvania, graduated from the University of Pittsburgh, and served his country in WW II in the Artillery. During this service he was awarded the Silver Star. More importantly, he met his Miss Ann Blair and after WW II made her his Mrs. Ann Blair Brown. Brownie continued to serve his country in the CIA and Foreign Service in Washington, South America, Europe and lastly England. During this service he was awarded a Presidential Citation. All of this was a full life with each of his many achievements reflecting his dedication to a goal. In addition they revealed his diligence and perseverance to reach these goals. All of this occurred before the Fall of 1973 when we in Middle Georgia really began to know this friendly, knowledgeable, versatile and complex man. At the first Fall Meeting of the Middle Georgia Camellia Society in Perry, Brownie and Ann were introduced as the

new Executive Secretary of ACS and his wife. Brownie had been the founding President of the Camellia Society of the Potomac Valley and State Director of ACS for 1958-1962. He also served as a Vice-President of the International Camellia Society. He fast became "Mr. Camellia" of Middle Georgia and the Camellia World.

This dynamic man continually set goals for himself and everyone with whom he came in contact. He was an achiever and in this new period of his life he continued to leave his marks. He was a writer and lecturer on the camellia for the past 30 years, especially in his capacity as Executive Director. He also was Co-Editor of the book "The Camellia, Its History, Culture, Genetics And a Look Into Its Future Development." This man had more than just plans for the camellia, its hybridization and development, cold

and heat hardiness and color breakthrough. He helped obtain the yellow camellia from Mainland China and started a bridge to the Far East on his two trips there. He corresponded regularly with his many friends and contacts in the Far East, Australia, New Zealand, England, France, South Africa and the whole camellia world. His knowledge of the camellia was fantastic, but was only a part of his full life.

He was a devoted husband, father and very proud grandfather. Brownie was also a pillar in his Church and added to the cultural improvements and civic development of Fort Valley. He was a unique spirit with his own Spiritual God-Given Spark — he was my friend and he was your friend. The pages of Brownie's life made a rare book of which only one copy was made. He was our Brownie and, I'm proud to say, my friend.

— ACS —

ATLANTIC COAST CAMELLIA SOCIETY MEETS

The Atlantic Coast Camellia Society will hold its seventh annual meeting at the Independent Holiday Inn, 1200 North Ocean Blvd., Myrtle Beach, SC 29577. Tel (803) 448-1691.

Cost: Registration fee \$20.00 per person. Hotel room double \$32.00/night for October 3 and 4. For ACCS members who come early or stay longer, the room rate is only \$30.00 for each additional night.

Schedule of Activities

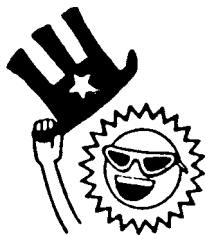
Friday, October 3

- | | |
|-----------|--|
| 2:00-5:00 | Registration |
| 3:00 | Meeting of ACCS Officers and Directors at the hotel |
| 6:00-? | "Christmas in October" party around the pool. Buffet food will be furnished by our ladies. Drinks furnished by ACCS. |

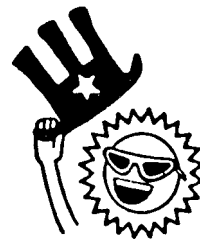
Saturday, October 4

- | | |
|-------|---|
| 10:00 | Bloody Mary party at Myrtle Beach Elks Club hosted by President Brogden |
| 11:00 | General Business Meeting |
| 7:00 | Open bar at Myrtle Beach Elks Club followed by Sea Food Spectacular Banquet. Guest speaker will be Sergio Bracci, San Gabriel, CA, an outstanding camellia grower. Other activities will include a raffle of Sadie Aycock's camellia painting, a plant auction with Bill Robertson and Buck Mizell and a slide presentation "What's New in the Camellia World" by Marion Edwards. |

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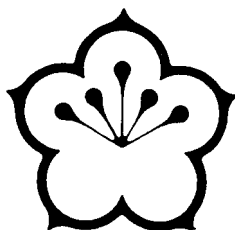
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*Best Valdosta
Grown Camellias
Cash Awards*

IN COOPERATION WITH AMERICAN CAMELLIA SOCIETY

Brownie

WILTON WALTON

Since it was my pleasure to know Milton Brown as a friend during the time he lived in Fort Valley, I dared to ask my friends in the American Camellia Society to allow me to write about him.

Let me brag a little. I felt that I knew him well enough to call him by the nickname that his close friends called him. He was not filled with a feeling of his own self-importance. He knew what he was about and was a thoroughly nice guy in the bargain.

My first association with Brownie was more of a business relationship. I was editor of the local newspaper and was always looking for news. He was continually able to supply my need. He was constantly looking for ways to raise the local public consciousness of the value of Massee Lane and the American Camellia Society. It was because of Brownie that I met many fascinating people both in his home and at Massee Lane.

I still recall warmly the way he always let me into the Fall show after the judging but before the others of the public were admitted so that I could get the choice photographs of the blooms and displays. Even in the midst of the hustle of the show itself, Brownie could always take time to point out particularly noteworthy entries.

Brownie was a newspaperman's dream. He was always creating news and better still, he had a tremendous insight into what was interesting.

My last visit with Brownie at Massee Lane was when I needed some photographs for a physician recruitment display. Of course Brownie would assist, and that's where I got my favorite shot of him, in front of the headquarters, offering his hand in welcome.

Perhaps the greatest experience I had with Brownie was several years ago when he agreed to chair a newly formed Fine Arts Committee for the Chamber of Commerce. As usual, he was bold in his dreams of what could be accomplished. He was persuasive in arranging a partnership with Fort Valley State College to co-sponsor ambitious events. It was a courageous effort, for Brownie's committee

contracted for various musical events well before any tickets were sold. We were several thousand dollars in debt before any tickets were even printed. Those of us who knew Brownie's positive attitude and his record of accomplishments were not fearful, however. He gave us confidence.

It was a tribute to Brownie that his Fine Arts program did succeed.

Milton Brown was a community leader. He would tackle jobs that others would shy away from. I'm convinced that he believed that he was here on earth to make a contribution. And he did. And he did.

ACS

In Memoriam

JAY W. ELLIS

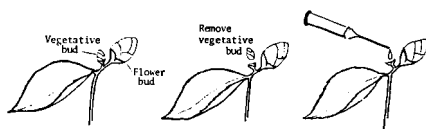
Jay W. Ellis, Sr., Keystone Heights, FL, died Sunday, May 24, 1986. Funeral services and interment were in Jacksonville, FL where he lived for many years.

Jay served as ACS Florida State Director from 1974 through 1979. Board members remember that he attended every meeting; when necessary, in a wheel chair. In 1975 Jay suffered a stroke and then in 1979 had eye surgery for the removal of cataracts. During this time he continued writing articles for *The Ca-*

mellia Journal and his personal column, "A Friend of Mine" by Jay Bird.

He headed the Membership Committee for years and was responsible for obtaining many new members in the Florida area and encouraging other members of his committee to work hard in their territories. He also contacted many possible advertisers for *Journal* advertising. Jay propagated several varieties of camellias, including the lovely 'Doris Ellis' named for his wife.

Jay is survived by his wife, Doris F. Ellis; a daughter, Mary Jo Sears of Jacksonville; two sons, Jay W. Ellis, Jr. of Doctors Inlet and Frank J. Ellis of Memphis, TN; five grandchildren and a great-grandchild.



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The Camellia Nomenclature Book

BILL DONNAN

The 19th Revised Edition of CAMELLIA NOMENCLATURE which is published by the Southern California Camellia Society will be off the press on October 1, 1986. This book, which is updated every three years, has been the "bible" of the camellia world since it was first published in 1947. It is presented as a gift to all paid-up members of the Southern California Camellia Society and is sold to other camellia societies and to individuals throughout the world. The printing of the 19th Revised Edition is being authorized at 2,500 copies and it will be released on a first come, first served basis.

The new edition contains nearly 5,000 entries of camellia cultivars, some 230 of which are new registrations since the 18th Edition was printed. Among these are: some 110 *C. japonicas*; 70 new *C. reticulata* hybrids; 40 new non-reticulata hybrids; and the balance are listings of new *C. sasanqua*, *C. hemalis*, and other species. The book also contains a list of camellia species grown in the United States together with a listing of major camellia award winners in the U.S.A. There is also appended a brief cultural outline for camellias.

Each of the 5,000 varietal entries in the new book contains the name of the cultivar, its color, size, form, growth habit, period of bloom, and, where ever possible, the name of the originator and the year of registration. These data and the entire up-dating of each succeeding edition is made possible by the close cooperation among: the American Camellia Society; the Australian Camellia Research Society; and the New Zealand Camellia Society. These three entities working in cooperation with the Southern California Camellia Society screen registrations and provide the material to up-date each new edition.

During the last 8 or 10 years these

camellia societies have each established strict registration procedures which have done much to facilitate the screening and the authenticating of both new and old varieties. Prior to 1980 many camellia cultivars became named and were entered into the CAMELLIA NOMENCLATURE book by simply sending the information to the Southern California Camellia Society. Since then this practice has been discouraged and new cultivars are first screened by the registration committees which have been set up by the three cooperating camellia societies. The registrations are then submitted to the Nomenclature Research Committee of the Southern California Camellia Society for inclusion in the next revised edition. This procedure tends to limit the random naming of chance seedlings which may or may not have any merit.

The indiscriminate naming and registering of chance seedlings had become so widespread in the past that the publishers of CAMELLIA NOMENCLATURE became concerned about the size of the book and its increasing costs of printing. Thus there were about 1,500 varieties of old *C. japonica* and *C. sasanqua*, mostly out of general distribution and of little practical value which were dropped from the 1984, 18th Revised Edition. These cultivar names will not be included in the new book. The Southern California Camellia Society has retained about 500 copies of the 1981, 17th Revised Edition for sale to any one interested in the Historical nomenclature. However, for the avid camellia hobbyist who wants to grow and show the newer and more spectacular camellia cultivars, the new 19th Revised Edition of CAMELLIA NOMENCLATURE will be the up-to-date book for his camellia library. These books will become available from your local camellia society shortly after October 1, 1986.



SPECIAL GIFTS

(As of June 30, 1986)

- Estate of C. W. Lattin: Extensive collection of camellia books.
- Ken Cook: Contribution to ACS.
- Mr. & Mrs. I. John Movich: Contribution welcoming the new Executive Director/Editor, Ann Blair Brown.
- Mr. & Mrs. Thomas C. Evans: Contributions honoring Dan Nathan's birthday and the Nathans on their wedding anniversary.
- Mr. & Mrs. E. F. Mathews: Contribution honoring Dan Nathan.
- Mrs. Milton H. Brown: Contributions honoring Tom & Dotty Evans and Dan & Muriel Nathan on their wedding anniversaries, the birthdays of Dan Nathan & Roy Stringfellow, the C. M. Alens' 40th wedding anniversary, the Ernest Harrisons' 50th wedding anniversary and wishing a speedy recovery to R. D. Hicks and Bill Mann.
- A contribution to the Horticulturist Fund was made by Mr. & Mrs. L. M. Fetterman.
- Hulyn Smith: Contribution from program given to Town & Country Garden Club.
- Thomas H. Perkins, III: Contribution wishing a speedy recovery to Constance Redd.
- Dr. & Mrs. Daniel E. Nathan: Contributions honoring the wedding anniversary of Tom & Dotty Evans and wishing a speedy recovery to Bill Mann.
- Mr. H. E. Campbell: Camellia Yearbooks and Journals.
- Mr. & Mrs. William T. Shepherd: 60 Paper camellias sold at Norfolk meeting for ACS contributions.

Cover Camellia

Mrs. 'Mae Robichaux' assists her husband Mike Robichaux, a prominent dental surgeon, on a regular basis. In addition her love for camellias has always been a prominent part of the areas where she grew up.

This very attractive and popular lady deserves such a beautiful camellia named for her.

Camellia Comments, Observations and Reflections

HOWARD E. BURNETTE

While making preparations for this article it has been rather hectic. In the midst of having an 18' x 35' shade or lathe house erected, we have had to make plans for a return to Ohio to attend our 50th high school graduation reunion. Of course attention to the many seedlings, new grafts and considerable number of blooming size camellia plants required considerable time. So, don't be alarmed if a few personal observations overpower some camellia comments and observations.

The past camellia season has been quite an enjoyable experience. The bloom quality and quantity has been first rate, making for very competitive shows. Judging will always create some degree of controversy since personal preferences and judging scales cannot always be consistently applied or interpreted. It was my premise that mistakes in judging will always occur and that exhibitors should accept this fact and display good sportsmanship when such errors happen. This is not to say that I had always done so when actively competing! However, when a judge enters a 'NUCCIO'S RUBY' as 'PURPLE GOWN' and the bloom wins a blue ribbon I must take a second look at some of the things which I believed in the past. The bloom was worthy of the blue ribbon but how can three judges accept such an error in an entry? Be that as it may.

The reticulatas were always my favorite and I enjoyed some degree of success in competition. I still have that preference although I enjoy all camellias ... even some of the small and miniature varieties.

Speaking of *C. Reticulata*, I have always admired the approach taken by Frank Pursel of Oakland, CA. Pursel's crosses started out with *C. Japonica* on *C. Reticulata* giving plants with large, leathery leaves and some very attractive flowers. I had met Pursel shortly after his first successful crosses were made. In fact, I believe that I made the first grafts

for Frank and introduced him to Toichi Domoto and his propagator, Frank Araki. Pursel pursued his hobby with the idea of generating income which would offset his expenses in pursuit of camellia fun. Frank has had more than the average success in his hybridizing efforts and certainly deserves much credit for his work to date. There must be close to 100 cultivars registered by Pursel. It goes without saying that some of these cultivars react differently in the various growing areas and also can be affected by special culture methods. Good growers will take these variables into account when the most promising results are expected in proper evaluation of a plant and flowers.

I have one of Pursel's rejects which was unofficially named, 'Big Leaf.' One would expect a nondescript flower on a straggly growing retic. hybrid with huge, leathery leaves. This flower is 5½" in dia. and over 4" high ... full peony form with wavy, heavy textured petals of a deep pink that are long lasting. Perhaps it should be registered as, 'Frank's Folly'!

My personal collection of Pursel introductions started with plants and scions given to me by Frank Pursel and Jack Mandarich. My later acquisitions were scions from Ray Gentry of Jackson, Miss. The grafts have all been successful. Gentry sent a scion marked 'Jean Pursel' — the good one! And made a note that even Frank should have this one! I tried to make a list of the ten best Pursel introductions which I had seen. How do you cram twenty varieties into a list of ten?

Not too many of Pursel's introductions are seen on the west coast. Perhaps one fact in support of this is that distribution originates with Ray Gentry of Jackson,

Show Dates

(ACS Cooperative Shows)

Place, Location, Sponsor	Date
Greenwood, SC; Crosscreek Mall; West Carolina Camellia Society	October 18-19, 1986
Columbia, SC; State Fair, State Fair Assn. and Mid-Carolina Camellia Society	October 25-26, 1986
*Fort Valley, GA; Massee Lane Hgt. ACS; Middle Georgia Camellia Society	November 1-2, 1986
Charleston, SC; Magnolia Plantation & Gardens, Hwy. 61; Coastal Carolina Camellia Society & Magnolia Plantation and Gardens	November 2, 1986
Pensacola, FL; Wright Place, 80 E. Wright Street; Pensacola Men's Camellia Club (In conjunction with ACS Convention)	November 7, 1986
Valdosta, GA; Valdosta Mall; Valdosta Camellia Society and First State Bank	November 15-16, 1986
Charleston, SC; First Federal of Charleston, 34 Broad Street; Coastal Carolina Camellia Society & First Federal	November 15-16, 1986
Fort Walton Beach, FL; Atrium, Westwood Retirement Center; Fort Walton Camellia Society	November 19, 1986
Waycross, GA; Waycross Federated Garden Clubs & Trust Company Bank of S. E. GA; Waycross Federated Garden Clubs	November 19-20, 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; Market Square Mall; Camellia Society of North Florida	December 6-7, 1986
Jacksonville, Beach, FL; Community Center, Island of Beaches Camellia Society	December 6-7, 1986
Lafayette, LA; Natural History Museum & Planetarium, 637 Girard Park Drive; South Louisiana 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
Lake Charles, LA; Southwest Louisiana Camellia Society	December 13-14, 1986
Gainesville, FL; Oaks Mall; Gainesville Camellia Society	January 10, 1987
Baton Rouge, LA; Baton Rouge Camellia Society	January 10-11, 1987
Orlando, FL; Colonial Plaza Mall; Camellia Society of Central Florida	January 17-18, 1987
Charleston, SC; Citadel Mall, Hwy. 7; Coastal Carolina Camellia Society and Citadel Mall Merchants Assn.	January 24, 1987
Fort Walton Beach, FL; Santa Rosa Mall; Fort Walton Camellia Society	January 24-25, 1987
New Orleans, LA; Ganus High School Gym; Camellia Club of New Orleans	January 31, 1987
Tuscaloosa, AL; West Alabama Camellia Club	January 31-February 1, 1987
Lakeland, FL; First Federal Florida; First Federal Florida	January 31-February 1, 1987
Shreveport, LA; Shreveport Camellia Society	January 31-February 1, 1987
*Jackson, MS; Deposit Guaranty National Bank Plaza; Jackson Camellia Society	February 7-8, 1987
Charlotte, NC; Eastland Mall; Charlotte Camellia Society	February 7-8, 1987
Tyler, TX; First City National Bank of Tyler; Tyler Camellia Club & First City National Bank	February 8, 1987
Columbia, SC; Columbia Mall; Columbia Mall Merchants Assn. and Mid-Carolina Camellia Society	February 14-15, 1987
Fort Worth, TX; Conservatory, Botanic Garden, Fort Worth Camellia Society	February 15, 1987
Atlanta, GA; Atlanta Botanical Gardens — Day Exhibit Hall; Atlanta Camellia Show Assn., Inc.	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
New Orleans, LA; Ganus High School Gym; Camellia Club of New Orleans	January 9, 1988

*Changes since last Journal

Miss. This is a most reliable source for scions. 'Jean Pursel' was the first of Pursel's introductions and usually can be found in the California camellia shows. Occasional blooms of 'Cameron Cooper,' 'Hulyn Smith,' 'Janet Smith,' 'Redwood City,' 'Delta Dawn,' 'Dick Goodson' and 'Woodford Harrison' appear in the local shows. I rate 'Woodford Harrison,' 'Hulyn Smith,' 'Janet Smith' and 'Delta Dawn' very high.

Pursel no. 2141 has just been named, 'Ivan Mitchell' and is a striking, burgundy red formal double. My plant is now setting buds. Another seedling to be watched is Pursel no. 2099 . . . you will have to get the word on this one from Ray Gentry. The buds on this one are coming on fast. Put this one on your 'must have' list as it is a dinner winner.

Some of the more recent introductions received from Ray Gentry are 'Big Apple,' 'Maggie Bush,' 'Marion Edwards,' 'Dr. Emil Carroll,' 'S. P. Dunn,' 'Miss Houston' and 'Bethany Fatherree.' These are all outstanding flowers.

One reflection to note is that of the several formal double blooms which have been introduced by Pursel, most fall in one piece or chunks. This is important if you are in my knobby-knee class of arthritis.

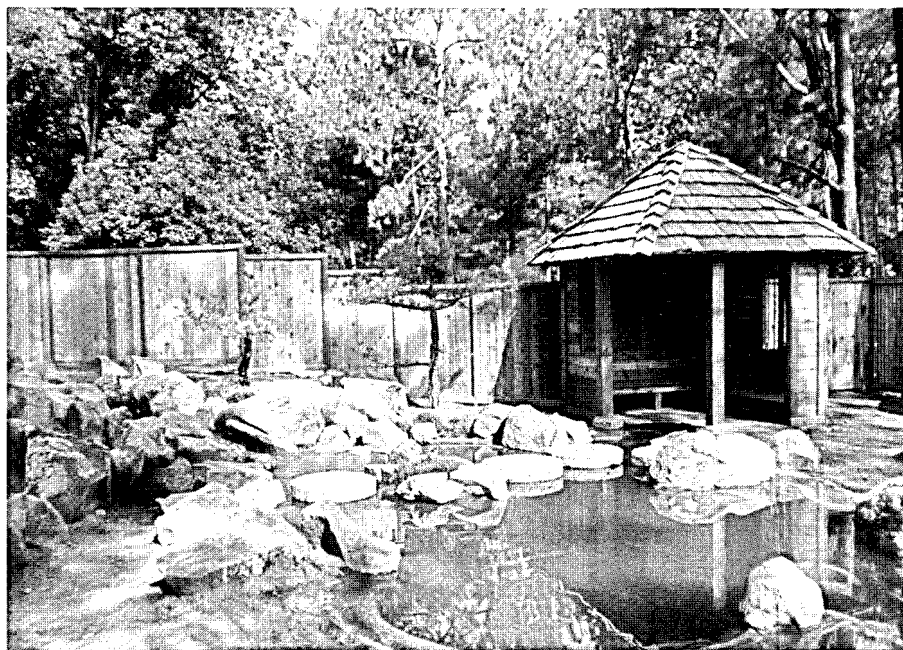
I don't want anyone to think that I have forsaken the original Yunnan Retics. and the other outstanding retic. hybrids which followed. I am growing 'Moutancha' as this was one of my all-time favorites. Much enjoyment is received from 'Nuccio's Ruby' and 'Curtain Call' from Nuccio's and am not so patiently waiting for their new C. jap. named 'Standing Ovation.' Houghton Hall's 'Dynasty' is a compound cross of 'Buddha' seedlings which is very good. A New Zealand introduction 'Margaret Hilford' is also being watched.

Having acquired approx. 50 plants to which we can add 65 grafts from 1986 and not forgetting some 200 seedlings it appears that the lathe house is quite timely. We are now into our dry season in northern Calif. and watering container grown plants is a chore. This is especially true since a good fertilizing program has given us a real good flush of growth.

Speaking of reflections, I mentioned that I would be attending my 50th high school graduation reunion. At the time of

my graduation I weighed approx. 178 lbs. During the past 3½ years the fates have seen fit to have me lose about 50 lbs., making a weight of 180 lbs. I wonder how many of my classmates will ap-

proach their graduation weight? Remember that 50 years ago we were in the midst of a great depression and the world was soon to face a much graver problem than the terrorism of today.



A quiet bench to meditate and view the beautiful Japanese garden. Stone from Tennessee and millstones from Massee Lane add interest to the landscape.



A close-up of the cedar garden house. Note the interesting use of bamboo in the window area.

Camellia Growing in Containers on Small Terraces & Balconies

By C. BLUMENTHAL,
NSW FOUNDATION BRANCH

To successfully and easily grow camellias and other plant material it is necessary to know and control or modify all the cultural factors.

Plants live in two worlds, in the air and in the ground. The care and culture of the soil is reflected in the health of the root system which maintains the health and vigour of the plant above ground.

As we cannot see through the soil, we need to use certain devices that will easily gather the information we require.

It is most important to have a Moisture Meter with a long probe. These are quite reliable and very reasonably priced in the \$11 to \$17 range, depending on the number of other tests it is capable of carrying out. Despite the clear division into Dry-Moist-Wet, the readings require some interpretation depending on the soil type in the pot. These moisture meters are simple and reliable.

More difficult to use is the Soil Fertility Meter. The best that can be said about these is, that if you get a reading, it indicates that there are soluble salts (possibly nutrients) in the soil. It does not measure slow release fertilisers but once you have some practice, it can be a help to guard against too much soluble fertiliser.

pH Meters are also available to measure the degree of acidity or alkalinity present. These require wet soil and much skill in interpreting false indications.

I strongly recommend the use of the moisture meter as each potted plant will have different water requirements. Watering should only be done when the soil approaches dryness and then thoroughly so that the water flows freely through the pot.

Selection of the camellias should be guided by consideration of the available space after normal use is allowed for. The aspect of the balcony, the amount of shade, how hot, how much sun, the

colour of the background and light reflecting surfaces are most important in selecting the right plants. The flowering must be reliable in the conditions; the foliage should be pleasing. For a large part of the year there will only be foliage.

Broadly, there are Three Basic Shapes. Upright, bushy and pendulous. As background plants or to fill a corner, a well foliated upright plant will immediately soften any harsh shapes or walls. While camellias are often chosen for their spectacular flowers, a good fine foliage should be considered as being more appropriate to the optimum size the plant can be allowed to grow to and the closeness of the area in which it is seen.

There are many Camellia Sasanqua and related species which could be recommended. *Camellia Sasanqua* 'Yuletide' comes to mind as being a steady bushy upright grower of conical form with bright red single flowers and prominent yellow anthers. Others could be 'Narumi-gata,' 'Gay,' 'Yae-arare,' the *C. Vernalis* 'Star upon Star' 'Ginryu,' 'Hiryu' and the *C. Hiemalis* 'Kanjiro.'

Espaliered camellias are ideal as a wall cover. Being evergreen, slow dense growth, flowering well, almost all cultivars are capable of training in this way. Amongst the small leaved varieties *Camellia Hiemalis* 'Showa-no-Sakae,' a pale pink, is ideal with a longer flowering period than the general run of the sasanquas. *Camellia Sasanqua* 'Mine-no-Yuki,' a willowy very double white, easily trained would be very suitable as well as 'Weroona' an early, long flowering sasanqua bi-colour, white with pink petal margins.

As a specimen plant *Camellia Hiemalis* 'Shishi Gashira' is perfect. A natural spreading Bonsai-like growth habit makes it easy to control and self shaping. All the species so far mentioned are small leaved autumn flowering varieties.

When thinking camellias, most non-specialist growers think of the Camellia Japonica group. There are many thousand varieties of these, many have large or spectacular flowers. Care should be

taken with the large flowered varieties as they are not suited to windy positions. The very size of the flowers and the weight causes them to be flung about and badly damaged. Some charming smaller varieties are little affected in reasonable conditions. I suggest *Camellia Japonica* 'Magnoliiflora' firstly, not only for its exquisite flower but also for its green, shiny and pointed foliage. 'Monjasu,' a red mottled-white flower on a sturdy slow growing bush, 'Moshio' a velvety red of good habit, 'Alba Plena' a formal white — an old variety but most reliable when grafted onto good stock, 'Virginia Franco Rosea' a conical tidy bush, freely flowering with smallish lavender pink formal flowers, 'Peach Blossom' a delightful pink flower of distinctive form and very long lasting as a cut flower. All these varieties are very suitable for flower arranging. I must also mention 'Kamo-hon-ami' a single white with a beautiful centre of pollen the favourite of Japanese flower arrangers. This could be grown for its flowers. It tends to be a rangy plant with long stems to the flowers which should be cut to keep it to a manageable and dense proportion.

Should you wish to grow a Camellia Reticulata I suggest 'Lila Naff' as being one of the bushier growing retics and with an excellent flower of a delicious hue of pink.

Apart from judicious pruning, one of the best, tried and true ways of shaping and controlling plant growth is Tip Pruning. This is essential in pot culture when the plant has to live all its life in a pot with a restricted root run. It maintains the shape and keeps the foliage to the outside where it can work for the root system and not develop into weedy shaded internal growth. One aspect is that tip pruning overcomes the terminal dominance and so allows shoot buds further down the stem to grow and so further enhance the leaf on the plant.

A problem that can occur in pot grown plants is that of root rot. Attention to correct watering minimises this but may not entirely eliminate it as the spores of this fungus are present in many soils and river sands. Some of the species of camellia are resistant to this fungal infection and some nurseries make a practice of grafting onto these stocks, even doing cutting grafts to make their plants more

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

reliable. *Camellia Hiemalis* 'Kanjiro' is the most commonly used grafting stock. There was a sasanqua variety called 'Grafton' which the late Professor E. G. Waterhouse used. He called it 'Grafton' because he used it to graft on. It had an unusually thick cambium making it easier to match the cambiums of the stock and the scion.

Any variety of camellia can be successfully grown in a container. Good culture and control can keep a plant in the same container for many years. It is an advantage to gradually increase the size of the container before the plant gets too root bound. Peat based potting mixes are in my opinion the best for long-term use in containers as they break down very slowly, retain much moisture and nutrients, then the peat in itself is free of harmful fungi and noxious seeds. Slow release fertilisers are the safest. If liquid fertiliser is used it should be a half or less strength and more often to make up for the weakness; always after thorough watering.

As to pests and diseases, these are few. Leaf and bud mite can cause some problems so can scale insects. An early January, February and March spraying with White Oil and Red Spider Spray (containing Kelthane or Dicofol) will control both the mites and the scale. Aphids on the buds and new shoots can be readily dealt with in the usual way or with a localised application of Malathion. If possible never use stronger organic phos-

phate insecticides such as Roger, Metasystox, lebaycid, as apart from the objectional smell on the balcony and for many metres around, these do occasionally cause damage to the plants. Particularly on the tender new shoot and flower buds.

Choosing the flower colour is also important. The white camellias look wonderful on chocolate brick walls and other dark brick or dark painted walls. The pinks also on the dark brows and also on the white walls but never on the orange or red brick. The reds are spectacular on the white walls but never on the orange or red brick. The reds are spectacular on the white walls or the green but tend to get lost on the darker colours unless there is a good colour contrast.

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Altamonte Springs:

Mrs. Marian E. Dils

Winter Haven:

Mrs. Atlee W. Davis

GEORGIA

Waycross:

Mrs. Robert H. Murray

LOUISIANA

Lake Charles:

Mrs. Yvonne M. Hyatt

NORTH CAROLINA

Clinton:

Mabel F. Held

OREGON

Portland:

Oscar T. Tinkle, Jr.

Andrew F. Sears

James R. Moon

Peter W. Eberle

Salem:

Margaret Macdonald

SOUTH CAROLINA

Charleston:

Robert F. Stubenrauch

From the Desk of the Executive Director/Editor

As I begin this column on a hot, dry June morning, I am enjoying the view of a redwing blackbird having his morning bath in the fountain just outside my window. As he cavorts, the sun shining on his wings suggest rubies and topaz. Your Headquarters is also a jewel in this middle Georgia area. We have often been reminded this spring by our visitors of the outstanding quality of the gardens, buildings and furnishings as well as the art objects. We are included on the many out of state tour buses that are visiting this area. For many, it is the first time to see a camellia and we have the opportunity to share this information with our visitors.

It has been a hot, dry spring and summer offers no promise of relief. Fortunately, we have a good irrigation system to keep our plants growing well. The roses have been spectacular and we are having much color from the annuals planted throughout the garden. The daylilies have never been as beautiful as they have this season.

Many of our ACS members both in the United States and overseas are preparing to attend the International Camellia Society Congress in Sydney, Australia from September 14-19. These congresses are always well planned with outstanding programs and tours. If you are fortunate enough to be attending you will enjoy, in addition to the programs, outstanding Australian hospitality.

At the Spring ACS meeting in Norfolk, the Board voted after much discussion to increase the dues for 1987 to \$15 for a single member and \$17.50 for joint members. This increase still makes our membership a bargain. We are among the last of the horticultural societies to increase dues.

The Japanese Garden is developing beautifully. It should be completed in approximately eight weeks. It has attracted much attention from the Middle Georgia Camellia Society members that held their meeting here in June.

In a very short time you will begin to gibe for the coming season. While consid-



Ann Blair Brown in the living room of the Headquarters building at Massee Lane. She became Executive Director of the ACS June 1.

ering bloom for the coming year why not consider asking a friend to join the ACS. You will be doing your friend a favor and also increase our membership. Just let us know about this and we'll process it promptly.

We are adding a new column to each Journal. It will be called "Club Corner." We welcome news items about your club. Unusual and interesting news will be shared with our readers.

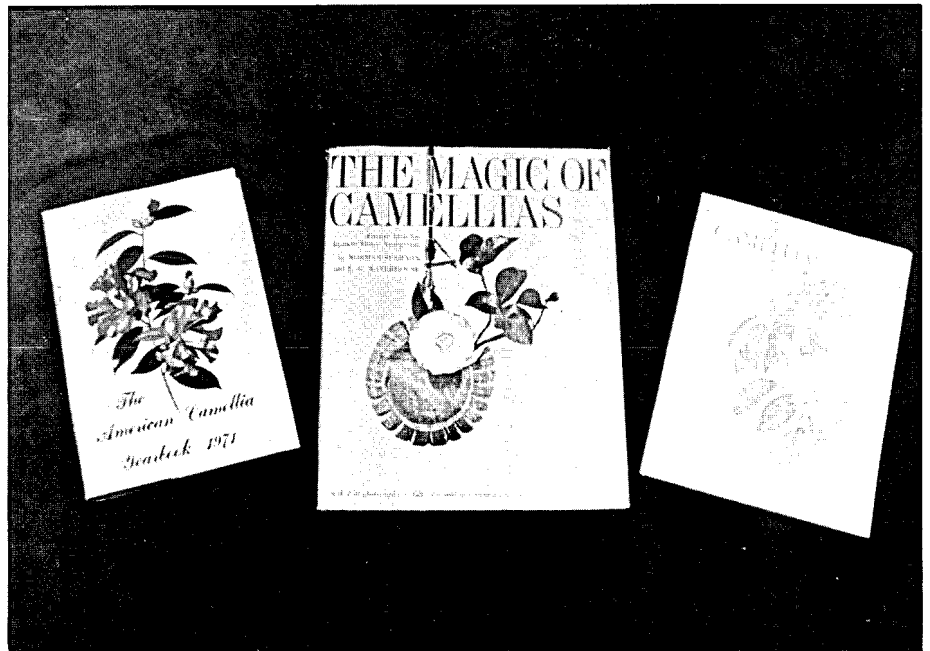
You will note the deadlines for publication dates on the last page of this and future Journals. We would appreciate your observing them in order for us to meet our deadline with the printer.

In conclusion, I would like all of you to know what a super job the staff at Headquarters did while Brownie was ill. I don't believe that you could find a more dedicated or considerate staff anywhere. To our members thank you for your love and support. It made a great difference to Blair and me.

— ACS —

Articles and advertising for the Camellia Journals should be at Headquarters as follows:

For November issue — September 15
For February issue — December 15
For May issue — March 15
For August issue — June 15



Add to your library with camellia books for sale from ACS Headquarters. We have a good selection from which to choose.

Books For Sale

The following list of books is available at ACS Headquarters. They are for sale on a first-come, first-serve basis since we have only one copy of most of these. They are previously owned and all are in good condition. If you are interested in purchasing any, send your order to American Camellia Society, P. O. Box 1217, Fort Valley, GA 31030. We will bill you for the book(s) plus postage.

THE CAMELLIAN \$ 50.00 52 magazines, 1950-1963 (Complete set in binders)	THE MAGIC OF CAMELLIAS \$ 20.00 Norman Sparnon and E. G. Waterhouse, 1968. Creative ideas for Japanese flower arrangements. 179 pps.
CAMELLIAS IN THE HUNTINGTON GARDENS Each \$ 15.00 William Hertrich, 1954. Volumes I, II, III.	CAMELLIA, ITS APPRECIATION & ARTISTIC ARRANGEMENT \$ 40.00 Choka Adachi, 1960. Many color pictures.
MONOGRAPHY OF THE GENUS CAMELLIA \$ 10.00 Abbe Berlese. A reprint of the translation to English from the French by Henry H. Dear- born, 1838. 110 pps.	A REVISION OF THE GENUS CAMELLIA \$ 40.00 J. Robert Sealy, 1958. Text and illustrations. 239 pps.
CAMELLIAS \$ 12.50 By the Leslie Urquhart Press, 20 reproductions of paintings by Paul Jones, 1964.	THE AMERICAN CAMELLIA YEARBOOK \$250.00 A complete set, 1946-1985.
CAMELLIAS, KINDS & CULTURE \$ 15.00 H. Harold Hume, 1951. Color and black & white photos. 271 pps.	CAMELLIAS IN AMERICA \$ 40.00 H. Harold Hume, Revised 1955, autographed, 422 pages and many color plates. Pages 331 & 335 (B&W pictures) missing.
THE CAMELLIA \$ 5.00 By G. G. Tirocco. Translated from the Italian by Claude Chidamian, 1949. Black & white pictures. 70 pps.	CAMELLIA CULTURE \$ 25.00 Tourje, 1958, Black & white pictures and a few in color. Cultural principles published by SCCS. 484 pps.
CAMELLIAS FOR EVERYONE \$ 10.00 Claude Chidamian, 1959. Color and black & white pictures. 191 pps.	CAMELLIAS IN AUSTRALIAN GARDENS \$ 5.00 T. J. Savage, 1967, paperback booklet. 48 pps.
CAMELLIAS ILLUSTRATED \$ 10.00 Oregon Camellia Society, 1948. Color and black & white pictures. 159 pps.	CAMELLIAS \$ 35.00 G. G. Gerbing, 1943. A book of color plates with descriptions. 264 pps.
CAMELLIAS ILLUSTRATED \$ 10.00 Oregon Camellia Society, Revised 1957.	OLD CAMELLIA VARIETIES \$ 35.00 A. I. Ellis, RHS, 1953. A list with brief descrip- tions. 374 pps.
AZALEAS & CAMELLIAS \$ 5.00 H. Harold Hume, 1945, 90 pps.	THE CAMELLIA and THE CAMELLIA, VOL. II Each \$100.00 The Leslie Urquhart Press: London, 1956 and 1960. The first volume contains 17 reproductions from the famous Australian painter Paul Jones and 3 by Raymond Booth. The text con- tains a history of camellias and "Camellias in America" by the late Ralph Peer and "The Introduction Of Camellias Into Australia" by the late E. G. Waterhouse. Vol. II contains 14 reproductions of paintings by Paul Jones and 2 by Raymond Booth. The text of this volume is on the species <i>C. reticulata</i> . In both volumes there is an excellent discussion of each species or variety shown in color.
AZALEAS & CAMELLIAS \$ 5.00 H. Harold Hume, 1947, 90 pps.	
A TRANSLATION OF THE NEW ICONOGRAPHY OF THE CAMELLIAS \$ 10.00 Alexandre Verschaffelt. 1848-1860.	
CAMELLIAS IN AMERICA \$ 20.00 H. Harold Hume, 1946, 49 color pictures and black & white pictures. 350 pps.	
THE CAMELLIAN \$ 20.00 Frank Griffin, 1964. 245 pps. of text and color pictures.	

The *Camellia* Journal

WORLD'S LARGEST PUBLICATION DEVOTED TO THE GENUS CAMELLIA

Volume 41

Number 2

August 1996



'Rachel Tarpy'

'Rachel Tarpy,' originated by Mr. & Mrs. G. F. Abendroth, will be the featured camellia in the Japanese Garden given to ACS by the Abendroths. When completed, this garden will be an outstanding tribute to the "Motherland of *Camellia japonica*."