

August 1996

\$3.00

The
Camellia
Journal

'Ville de Nantes'
A perennial favorite

OFFICIAL PUBLICATION
OF THE
American Camellia Society

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The *Camellia* Journal

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OFFICIAL PUBLICATION OF THE AMERICAN CAMELLIA SOCIETY

VOLUME 51

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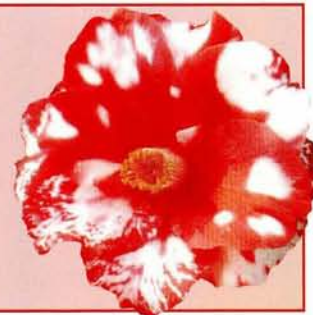
May 1996

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FROM THE DESK OF THE EXECUTIVE DIRECTOR, <i>Ann Blair Brown</i>	IBC

About The Front Cover

'Ville de Nantes', a sport of 'Donckelarii' from
France in 1910, is a favorite among growers
throughout the world. This dark red blotched
white, medium to large semidouble with
upright, fimbriated petals is often found on
the Awards Table.



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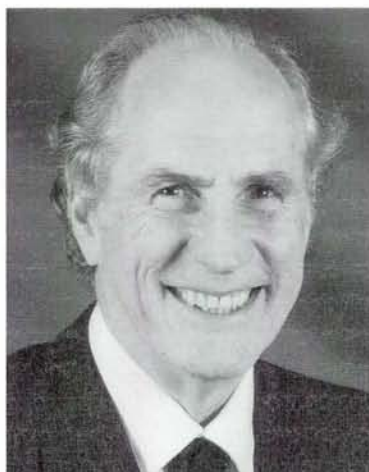
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FROM THE PRESIDENT



Robert E. Ehrhart

I am pleased to inform you that as of the writing of this message, the American Camellia Society's 50th Anniversary Campaign shows receipts in hand at Masee Lane of \$217,000.00+. So, it has proven to be true that the first hundred thousand dollars did, in fact, take longer to raise than the second hundred thousand. I hope to report more good news on this subject in my next message. Currently, contributions are being received almost daily at headquarters. Members of the Board of Directors, those on the fund raising committee, and you, the members, deserve a terrific compli-

ment, **JOB WELL DONE**, so far. A very large part of the success of this campaign is due to the creativity of D. Deane Hall, who worked so diligently putting together the brochure and enthusiastically quarter-backing the entire effort. Thanks, Deane. Remember, if every member made just a small contribution or pledge to this effort, it would make a big difference. The future of ACS rests with you.

Next, the **INTERNET**. It has taken longer to put together the ACS Web pages than originally expected, but we will have this done before the next issue of this *Journal*.

Thirdly, I want to encourage all of you, especially those on the Gulf and East Coasts to attend the Fall Meeting of the ACS at Myrtle Beach. This meeting is held in conjunction with the Atlantic Coast Camellia Society's Annual Meeting to be held September 26th through September 28th. See additional information about this exciting event elsewhere in this *Journal*. I want all members to be planning to attend the next Annual Meeting and Convention of the American Camellia Society in Atlanta, in February 1997. The North Georgia Camellia Society, along with those on the ACS Convention Committee are planning a splendid event in Beautiful Buckhead, (Atlanta). Begin looking for airline specials now.

Let me take this opportunity to welcome to the staff, our newest employee at Masee Lane, Tammi Sledge. Tammi is the new manager of the gift shop as well as purchasing director for all ACS gift shop items. She and Helen Bryan search the Gift Mart for suitable items for shows and visitors. She comes to us highly recommended, and is already doing a splendid job replacing Vennie Moss who left last month to pursue a new career. We wish Vennie the best of success in her new venture and say welcome aboard, Tammi.

Lastly, I want to prepare you for the upcoming issue of the *Journal*. I hope to put together a comprehensive report on membership of the ACS. Until then, I ask you to be especially conscious of the needs of your garden, your camellias, and your family. Thanks again for your attention.



BASICS For The Beginner

Caring for Camellias in the Summer and Fall

Betty Hotchkiss

During the hot months of summer and early fall camellia growers may be tempted to "go on vacation" when caring for their plants. However, plants that receive proper care during these months will show the results during the succeeding blooming season. Although it is impossible to set up guidelines for camellia care that will meet the needs of each individual camellia in each geographical area I will recommend a few general hints that are applicable to most growers.

Watering: Although it is hard to say that one particular area of culture is most important, proper watering is certainly at the top of the list. In average, well-drained soils one thorough watering a week is usually sufficient for camellias if there is no rainfall. The presence or absence of shade, organic matter in the soil, and mulch will all affect the need for water. Young camellia plants that have only been in the ground for one or two years will need watering more frequently than older, well-established plants. Camellias will not show their need for water by wilting. By the time a camellia plant wilts it is usually too late to save it. However, tender new growth may often wilt during the hot summer

months regardless of the need for water. This should be of little concern as the wilted stem will straighten up by morning. As the new growth begins to harden off in a few weeks this wilting will stop altogether. Camellias will lose water more rapidly during conditions of high heat, low humidity, bright sunshine and wind and consequently will need watering more often.

There are some areas of the country where camellias may suffer damage and/or death from too much water. This may occur in southern Louisiana where the soil is heavy and rainfall excessive. Roots that stand in water for a long time will suffer from root rot. In these areas it is essential that camellias be planted high to allow for good drainage.

Mulching: The use of mulch around camellia plants is tied in with good watering practices. A camellia plant will benefit from 2 - 4 inches of mulch around the roots. This will help to moderate the soil temperature in both the summer and winter and will slow the loss of moisture from the soil. Many materials may be used satisfactorily for mulch depending on availability. Pine straw and pine bark are readily available in this area of the

country and serve as good mulches. The material that is used should be checked for good drainage. Some materials such as large leaves may form a dense mat that actually prevents the water from filtering through and instead causes it to run away from the plants. Peat moss is also not recommended because of its water holding capacities. Although it does hold moisture well, it is very difficult to wet again once it has dried and may also direct water away from the roots of the plant. If mulch is applied too deeply (6 - 12 inches) the roots may stay too wet with resulting problems.

Pests and Diseases: Pests and diseases may be observed on camellias during this hot time of the year. Plants that are weakened or stressed for any reason, such as heat or lack of water, are more susceptible to injury by insects and disease. Aphids are generally observed only in the spring or when tender new growth is available. Scale insects are usually more active in the spring but may continue to be a problem in the summer. However, the hot months of summer are when the most damage by spider mites is observed. Spider mites multiply rapidly and prefer a hot, dry climate. Damage appears on the leaves as a

speckled appearance and the foliage often appears silver or bronze instead of the normal deep green. Mites may be reduced by a hard spray of water on the leaves. However, a miticide is generally necessary to control the problem. Two applications should be used with the second following in about a week for those newly hatched from eggs.

Root rot of camellias may be observed in the hot summer as the water requirements for plants increase. The damaged roots of the camellia are then unable to supply the needed water to the plants resulting eventually in death of the plant. Dieback of camellias may also be a problem during the summer. In late spring to early summer twigs may begin to wither and dry up. At the base of the damage a dark discolored area may be observed where the fungus entered the plant. This dead or dying growth should be removed from the plant as it is contagious.

Spraying camellias with pesticides in the summer can be dangerous as

burning of the foliage may occur if plants are sprayed when the temperature is too high. It is suggested that you do not spray camellias when the temperature is above 80 - 85 F.

Pruning: Heavy pruning should be done during the spring to allow enough time for new growth to harden off before the cold weather begins. Since flower buds begin to form in June, plants that are pruned during the summer may be removing some of next year's flowers. Light pruning may be done during the summer months. It is always advisable to remove dead and dying branches as well as those that are weak and spindly. Shaded interior branches will never develop properly and can be removed during the summer.

Disbudding: Late in the summer or early fall the flower buds may be distinguished from the growth buds of the camellia. The flower buds will be rounder while the growth buds are sharp and pointed. Occasionally more than one flower bud will form at the end of the branch. These extra flower

buds should be twisted off leaving only one flower bud per terminal. The resulting flowers will be larger and will open more completely than they would if more than one bud was opening simultaneously. Those who are serious about producing the largest flowers possible will disbud their camellia plants heavily. Those buds that are left to develop will produce larger flowers when they open. There is a possibility that the plant will produce more flower buds if you disbud too quickly in the summer. It is suggested that you wait at least until mid-August and perhaps September before beginning to disbud. Disbudding should be done over several days because it is difficult to see and remove all of the extra buds at one time.

Proper care and attention to your camellias during the summer and early fall will reward you with glossy dark green foliage and beautiful blossoms during the winter months to come. ❖

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Closed Wednesday and Thursday

Welcome to Atlanta!

WELL-COME! to the Olympic City. ATLANTA, site of the 1997 American Camellia Society's Annual Convention. We Atlantans can hardly wait...for your arrival...to show you our Southern Hospitality...to show you our city that hosted the '96 Olympic Games...and lots more!

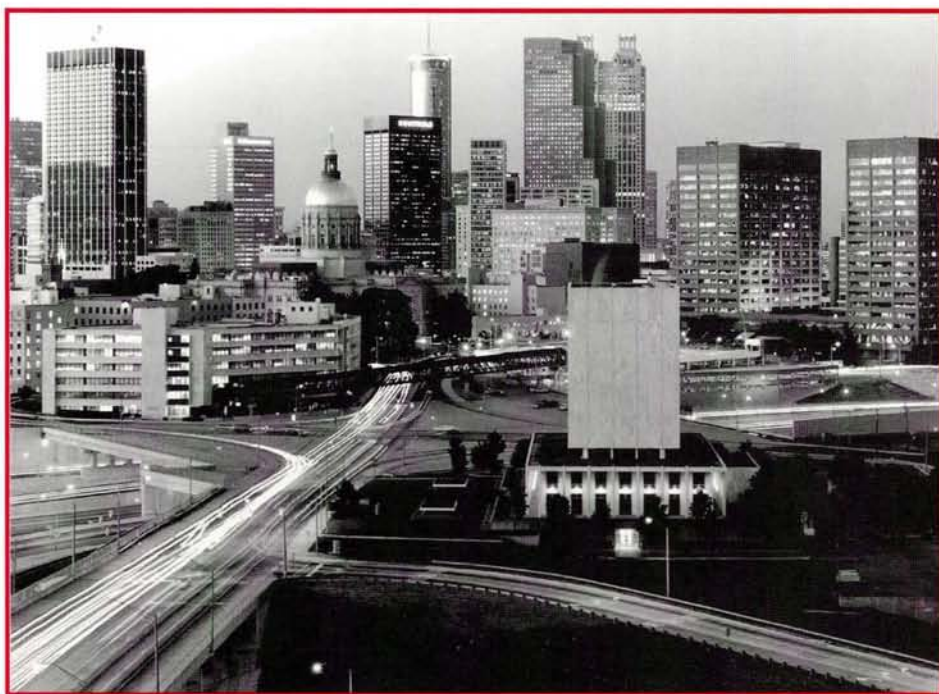
Our Convention Hotel will be another of those wonderful Embassy Suites Hotels in North Atlanta's Buckhead, on Peachtree Road. For easy fly in, take MARTA, our rapid rail, from Hartsfield International to Buckhead, you are one block from the Hotel. If you need one of the three Embassy vans will pick you up, and those same vans will take you the three blocks to fabulous shopping at two of our famous malls — Lenox Square and Phipps Plaza. Rates are \$139.00 per suite with a full breakfast and a two hour cocktail party every night. Registration fees will be in the November '96 ACS Journal. The Atlanta bus companies are so Olympic-busy, they can't quote us prices.

Things to do — Places to go! Your visit will coincide with the Southeastern Flower Show, World Class Flowers, Gardens, Plants and Horticultural Information. The Jimmy Carter Center and Library and The Cyclorama (the battle of Atlanta) are well worth a visit. We will even have Atlanta's own Camellia Show at the Atlanta Botanical Garden, where you can also visit the Fuqua Conservatory. In Underground Atlanta, there are shops galore, plus the World of Coca-

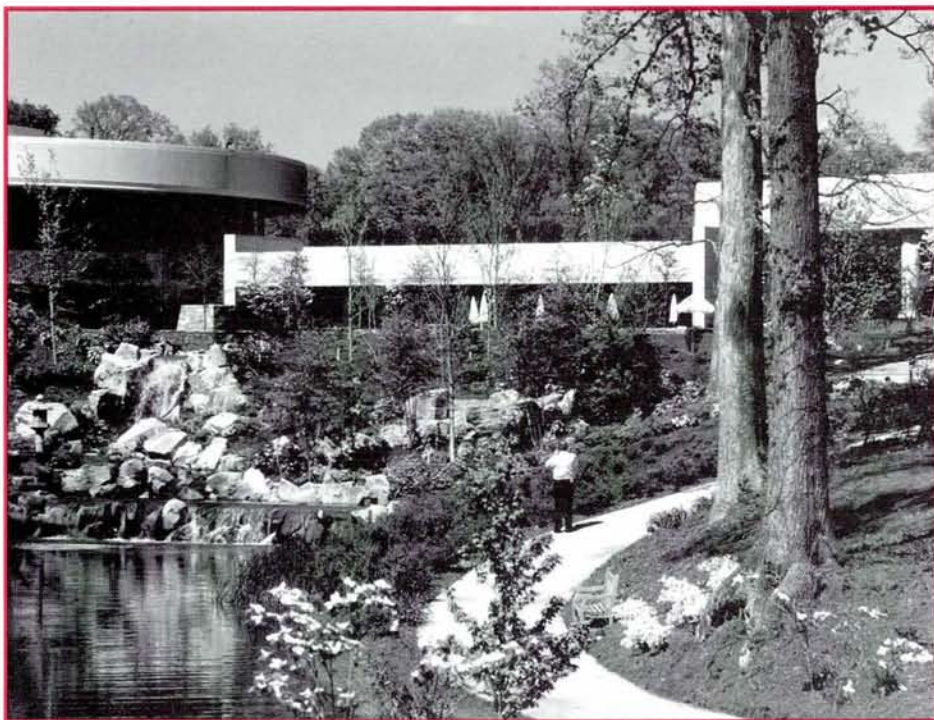
Cola, a museum of the history of "Coke". A visit to the Shrine of the Immaculate Conception and dinner at the Georgia Railroad Depot, both of which are on the National Register of Historic Places. In the Buckhead area,

you will lunch at the Swan Coach House, tour the Swan House and the Atlanta History Center.

So come "let us entertain you", we'd love to!



ATLANTA SKYLINE Downtown Atlanta has more than 10,000 hotel rooms and more than one million square feet of exhibit space. Some of downtown Atlanta's tallest buildings include the cylindrical Westin Peachtree Plaza Hotel, the stair-shaped Georgia Pacific building, the twin tower One-Ninety-One Peachtree building and the gold-domed Georgia State Capitol.



JIMMY CARTER LIBRARY & MUSEUM The Jimmy Carter Library & Museum is set on a beautifully landscaped Japanese garden offering a spectacular view of downtown Atlanta. President Jimmy Carter's life and administration, and the office of the presidency itself, are portrayed through films, videos and displays. Copenhill Cafe features casual, self-service dining and outdoor patio.

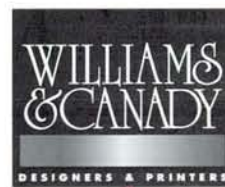


ATLANTA BOTANICAL GARDEN The Dorothy Chapman Fuqua Conservatory opened in March 1989. The 16,000 square-foot glass-enclosed conservatory houses tropical, endangered and desert species from orchids to cacti bonsai to insectivores.

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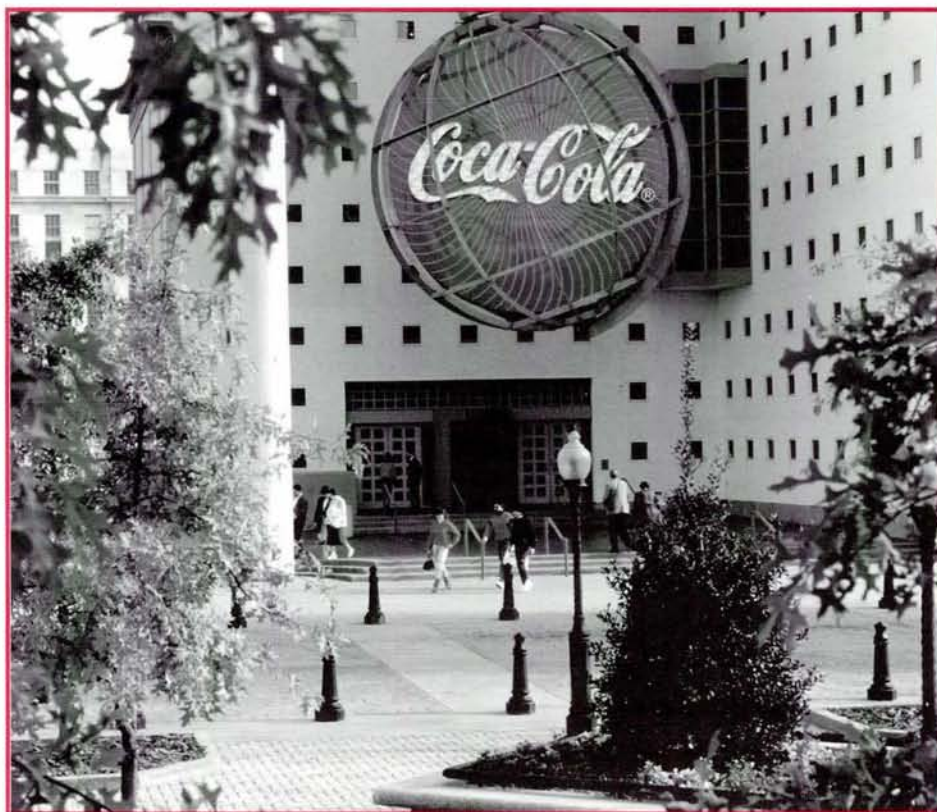
Life Member Plan

(Before December 31, 1996)

You might want to consider becoming a Life Member or Joint Life Members. Should you choose to do this, you would join a select group of approximately 400 Life Members of ACS. In 1994, the Governing Board devised a plan to make it easier financially to gain this new status.

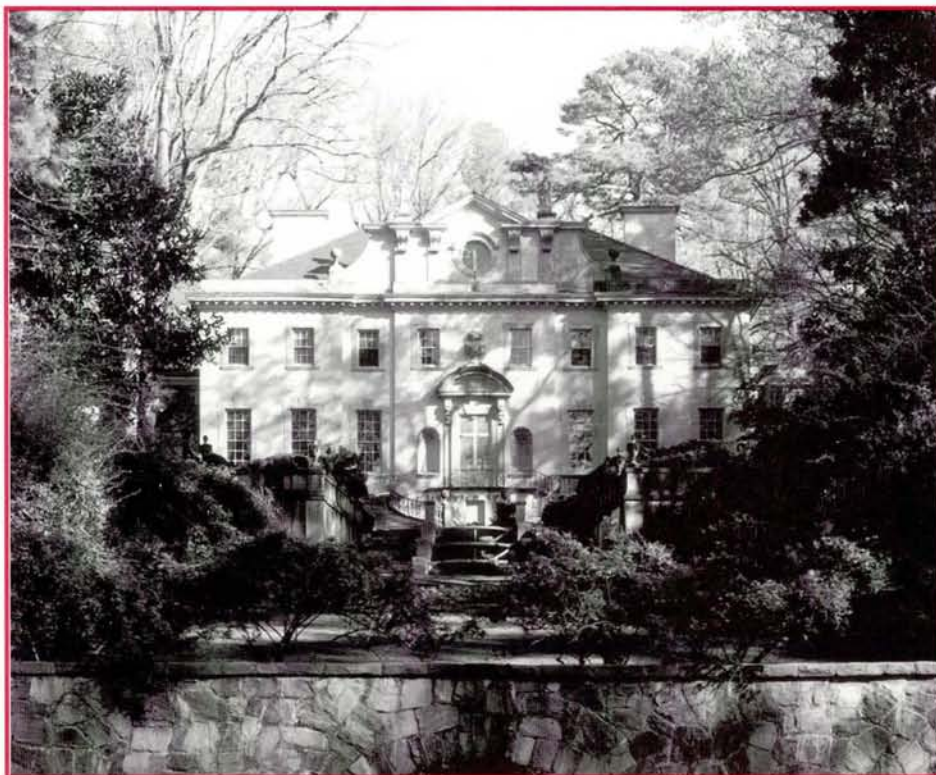
The single Life Membership is \$400. This fee can be paid in the amount of \$100.00 for four consecutive quarters. For joint Life Membership status, the cost is \$450.00. The first quarterly payment is \$150.00 with a \$100.00 payment for each of the following three quarters.

By becoming a Life Member, you avoid receiving a yearly statement for dues and the continuity of your ACS publications is assured. Think it over. If you desire to gain this new status, notify us at Headquarters and we will be happy to process your application.



WORLD OF COCA-COLA The revolving Coca-Cola neon sign spectacular is a beacon for downtown Atlanta visitors. The sign rotates within a spherical framework, representing a globe. Atlanta visitors can now quench their thirst for Coca-Cola history and memorabilia in the recently-opened 45,000-square foot World of Coca-Cola museum.

Photo: Kevin C. Rose



THE SWAN HOUSE, located in the residential Buckhead section of northwest Atlanta, is maintained by the Atlanta Historical Society, which has its headquarters within the surrounding 22 acres of terraced lawns, forest, flowers, gardens and winding footpaths. The mansion was built during the late 1920's in Italian Renaissance style and incorporated a swan motif into the architectural detail and the furnishings.

Tentative Schedule of A.C.S. Convention in Atlanta

February 19-22, 1997 Atlanta, Georgia

WEDNESDAY, FEBRUARY 19

- 10:00 a.m. to 1:00 p.m. Registration
Lunch on your own
2:00 p.m. ACS Board Meeting
Shopping at Lenox Square or Phipps Plaza for those not attending Board Meeting
5:30 to 7:30 p.m. Cocktails, compliments of Embassy Suites
Dinner on your own - many of Atlanta's top restaurants are in the Buckhead area

THURSDAY, FEBRUARY 20

- 6:00 to 9:30 a.m. Breakfast, compliments of Embassy Suites
9:00 to 11:00 a.m. Registration
9:00 a.m. ACS Development Board Meeting
11:15 a.m. Leave hotel by bus for lunch at Mary Mac's Tea Room
1:00 p.m. Board bus for tour of Carter Center or The Cyclorama
2:30 p.m. Board bus to the Southeastern Flower Show
5:00 p.m. Board bus for return to hotel
5:30 to 7:30 p.m. Cocktails, compliments of Embassy Suites
7:30 p.m. Dinner to be announced

FRIDAY, FEBRUARY 21

- 7:00 to 9:30 a.m. Breakfast, compliments of Embassy Suites
8:00 to 10:30 a.m. Receive blooms and stage Camellia Show, Atlanta Botanical Garden
11:00 a.m. to 1:00 p.m. Judging and Open Show
1:00 to 2:30 p.m. Lunch at the Atlanta Botanical Garden, Low Country Barbecue
2:45 p.m. Board bus for historic Underground Atlanta
3:30 to 5:00 p.m. Tour the World of Coca-Cola, a history museum of "Coke"
5:00 to 6:30 p.m. Tour the Historic Shrine of the Immaculate Conception with Hospitality hosted by members of the North Georgia Camellia Society
7:00 to 8:30 p.m. Dinner at the Georgia Railroad Depot - building on the National Register of Historic Places
8:30 to 9:30 p.m. Free time in Underground Atlanta
9:30 p.m. Board bus for return to Embassy Suites

SATURDAY, FEBRUARY 22

- 7:00 to 10:30 a.m. Breakfast, compliments of Embassy Suites
9:00 to 11:00 a.m. Education Program
11:30 a.m. to 1:00 p.m. Board bus for lunch at the Swan Coach House
1:00 to 3:00 p.m. Tour the Swan House and the Atlanta History Center
3:00 p.m. Board bus for return to Embassy Suites balance of afternoon free
5:30 to 7:30 p.m. Cocktails, compliments of Embassy Suites
7:30 p.m. Farewell Convention Banquet with guest speaker at Embassy Suites

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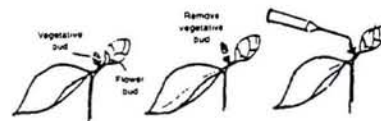


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Frances Shannon Racoff Memorial Award

Given by Dr. Herbert Racoff in memory of his late wife Frances Shannon Racoff for the Best Formal Double Japonica Bloom, which meets all the requirements, and is exhibited at the show held in conjunction with the Annual Spring Meeting of the American Camellia Society. It will begin with the spring show in 1997.

The award will consist of a crystal bowl, Waterford, Orefors, Baccarat or other fine crystal. (The Executive Director of ACS shall have the authority to substitute another piece of crystal in lieu of a bowl.)

The bowl will be given to the exhibitor. A bronze plaque will be retained at the Headquarters of the American Camellia Society. This plaque will list the year and the name of the winning variety, each time the award is made.

Every show must agree in writing that the trophy will be kept on display at all times while the show is open to the public. If such agreement is not made the trophy will not be available to that show.

The Judges will select the Best Formal Double Japonica Bloom by whatever method is used to select the best blooms for that particular show. However, in order to insure that the winning flower is a Bona Fide Blue Ribbon Flower and to avoid the award being made just because it was available at the show, the Chairman of the Exhibition & Awards Committee or his authorized representative shall select two other persons to form a committee of three. This committee must certify, by a majority vote, that the Judges selection meets all the requirements and is

in their opinion worthy of the award. This committee shall have the authority, and hopefully the fortitude, to refuse to make the award when warranted. Their decision will be final.

A Formal Double Bloom is a fully imbricated flower with many rows of petals and never shows stamens. (Camellia Nomenclature 1996, page 6). The requirements for this award are not debatable.

Dr. Herbert Racoff will furnish a Waterford Crystal Bowl, Benjamin Franklin Liberty Bowl for the spring 1997 show.

The Governing Board of the American Camellia Society graciously approved this award and the endowment of \$10,000.00 for the continuance of the Frances Shannon Racoff Memorial Award. ✱

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SOME RESEARCH REPORTS



The Breeding Potential of *Camellia Reticulata*

Clifford R. Parks and Kai Mei Parks

The species *Camellia reticulata* is part of a widely distributed complex of plant populations that are highly variable in vegetative characteristics, floral traits, and chromosome numbers. It is one of the few *Camellia* species whose range extends to elevations of approximately 3,000m. Populations of *C. reticulata* grade into those of *Camellia pitardii*, and there is growing evidence that these two entities are subunits of one broadly distributed, polymorphic species. The *C. reticulata-pitardii* species complex is composed of highly interesting floral and vegetative variants that can be used as a basis for breeding new forms of camellias for garden cultivation.

One major advantage of using *C. reticulata* in breeding is the high general compatibility that is found in crosses between *C. reticulata* and a wide range of other *Camellia* species. Higher-ploid forms of *C. reticulata* form variously fertile hybrids with a number of other species. The ability to generate these combinations makes it possible to re-assort traits of *C. reticulata* in backcross and F₂ combinations.

Ancient cultivars of *C. reticulata* are themselves genetically diverse and are, without further modification, some of the most spectacular flowering shrubs and trees known to horticulture. In recent years these cultivars have been

extensively hybridized with *C. japonica*, and the resulting hybrids are widely cultivated for exhibition. Screening a selection of hybrid seedlings of *C. reticulata-japonica* parentage shows that there is the potential for development of garden hybrids with increased hardiness and a broad spectrum of floral traits. New forms of *C. reticulata* recently discovered in high mountain zones are sometimes fall-blooming, and these offer a genetic repository from which additional floral diversity and cold-tolerance can be developed.

Hybrids between *C. reticulata* and the hexaploids *C. sasanqua* and *C. fraterna* are interesting garden plants and often quite fertile. In the case of combinations with *C. sasanqua* the F₁ hybrids can be backcrossed to their smaller-flowered parents to produce an array of fall-blooming camellias with improved floral traits. For crosses between *C. reticulata* and *C. fraterna*, a wide selection of small-flowered but spring-blooming progeny are produced. Hybrids between *C. reticulata* and the diploid *C. cuspidata* or the tetraploid *C. granthamiana* are less fertile or sometimes sterile. Newly discovered diploid and tetraploid forms of *C. reticulata* may alleviate these fertility barriers in crosses with various diploid and tetraploid species.

Publications

Clifford R. Parks

The general focus of our work with the genus *Camellia* and related genera was outlined for you for your last meeting and has not changed.

Along with the camellia articles I enclose a list of our other publications from 94 and 95. I do this to illustrate the kind of work we have been doing as we switch our emphasis in the laboratory to *Camellia* — a program we started in the last one and one-half years.

Recent ACS articles:

- Parks, C. R. and K. Parks. 1995. More on winter hardiness in camellias. *Camellia Journal* 50(4):30-32.
- Parks, C. R. and K. Parks. 1994. The home of yellow camellias. *American Camellia Society Yearbook*.
- Parks, C. R. Inspirations from China for the camellia breeder. (Submitted for Yearbook or Journal).

ICS article:

- Parks, C. R., N. Yoshikawa, L. Prince, and B. Thakor. 1995. The application of isozymic and molecular evidence to taxonomic and breeding problems in the genus *Camellia*. *International Camellia Society Journal* 27:103-111.
- Parks, C. R. and K. Parks. 1994. Selecting camellias for garden conditions. *International Camellia Society Journal* 26:81-90.

Some other recent articles with students and other associates:

- I Hoey, M. T. and C. R. Parks. 1994. Genetic divergence in *Liquidambar styraciflua*, *L. formosana*, and *L. acalycina* (Hamamelidaceae). *Systematic Botany* 19:308-316.
- *Dr. Parks, Professor, Department of Biology, University of North Carolina, Chapel Hill, NC
- Lee, S. H. and C. R. Parks. 1994. Electrophoretic patterns of isozymes in *Hibosus syriacus* L. *Journal of the Korean Society of Horticultural Science* 35:66-73 (in Korean).
- Parks, C. R., J. F. Wendel, M. M. Sewell and Y. L. Qiu. 1994. The significance of allozyme variation and introgression in the *Liriodendron tulipifera* complex (Magnoliaceae). *American Journal of Botany* 81:878-889.
- Qiu, Y. L. and C. R. Parks. 1994. Disparity of allozyme variation levels in three *Magnolia* (Magnoliaceae) species from the southeastern United States. *American Journal of Botany* 81:1300-1308.
- Sewell, M. M., C. R. Parks and M. W. Chase. 1995. Interspecific chloroplast DNA variation and

biogeography of North American *Liriodendron* L. (Magnoliaceae). *Evolution* (in press).

- Qiu, Y. L., C. R. Parks and M. W. Chase. 1995. Molecular divergence in the eastern Asia-eastern North America disjunct section *Rytidospermum* of *Magnolia* (Magnoliaceae). *American Journal of Botany* 82:1589-1598.
- Qiu, Y. L., M. W. Chase and C. R. Parks. 1995. A chloroplast DNA phylogenetic study of the eastern Asia-eastern North America disjunct section *Rytidospermum* of *Magnolia* (Magnoliaceae). *American Journal of Botany* 82:1582-1588.

New finds on camellias and generic relatives: The molecular work is showing many species in *Camellia* to be very closely related, and we will need to rethink species status in many cases. We have access to molecular extracts from about 100 species and about 50 in our living collection. There is growing evidence that too many species have been named in section *Camellia* in particular.

Ms. Prince is making excellent progress on her study of the generic relatives of *Camellia*. She has evidence to support the restructuring of the genera *Gordonia* and *Stewartia*.

Since we will be presenting papers at the reticulata ICS meeting in Kunming in February, I have attached copies of the four abstracts.

*“The molecular work
is showing many species
in Camellia to be very
closely related...”*

Research Funding: Our support comes from many sources including plant sales at the North Carolina Botanical Garden, Camellia Society, Scientific Foundations and the Thurston-Chapman Foundation. We will submit a proposal to the National Science Foundation in the next few weeks. Aside from funds for student support, we use over

Some Research Reports

\$1,000/month for just chemicals and enzymes. The work being described in the enclosed abstracts is all in an active state and progressing. All camellia breeding is done at my home, Camellia Forest, and is supported by private funds.

Note: I have provided much more information than

requested, but we have embarked on a vigorous investigation of *Camellia* taxonomy in the last year and one-half. The new program to study camellias is gradually replacing my investigations of North Temperate zone biogeography (see list of publications).

Isoenzyme Analysis of Selected Species of Yellow Camellias

Norihiro Yoshikawa and Clifford R. Parks

Section *Chrysantho* of genus *Camellia* is composed of approximately 20 morphologically similar "species" which are native to south central China. We analyzed isoenzymes from eight yellow-flowered taxa in order to evaluate species autonomy. Four taxa were collected in the woods around Shan Wei Farm in Shan Wei County in Guangxi Province near Nanning; they included two varieties of *C. longgangensis*, *C. longzhouensis* and a fourth taxon that our host, Dr. Zhong Ye-Cong, considered distinct.

*"Isoenzyme analysis is useful
to evaluate whether different
populations belong to the same
or different species."*

At a second locality, Feng Huang Shan Farm Forestry area in Qiao Jian County near Nanning, we found an extensive stand of *C. nitidissima* which had large, showy flowers and

leaves that varied from the more common variety from the Fangcheng Shangyue Preservation area. In our collections we also have specimens of the closely related *C. euphlebia* and *C. microcarpa*.

These *Camellia* taxa were analyzed for isoenzymatic variation using standard techniques. The four taxa obtained from the Shan Wei Farm had highly similar isoenzyme profiles which suggests that these collections are biologically closely related; all samples may compose a single species. However, a broader population-level survey of these species will be necessary before a critical assessment of species autonomy is possible. Representatives of the Shan Wei Farm collections are now growing in our greenhouse in North Carolina, and the different accessions cannot be distinguished vegetatively.

The Feng Huang Shan and Fangcheng collections of *C. nitidissima* have distinct foliar and isoenzyme composition. All individuals of *C. nitidissima* in the United States exhibit the Fangcheng leaf form. It is probable that *C. nitidissima* has different geographical races in different localities of Guangxi Province. Preliminary data indicate that two other yellow-flowered camellias, *C. microcarpa* and *C. euphlebia*, have unique isoenzyme patterns.

Isoenzyme analysis is useful to evaluate whether different populations belong to the same or different species. This is particularly applicable to the case of the yellow camellias, and in some other parts of the genus *Camellia*, where we encounter complexes of very closely related species. Isozyme analysis may provide a powerful tool to delimit these poorly understood species.

Phylogenetic Relationships of the *Camellioideae* Based on two Chloroplast DNA Sequences

Linda M. Prince and Clifford R. Parks

The Theaceae is a diverse but poorly understood family of flowering plants, comprised of approximately 40 genera and 600 species (as circumscribed by Cronquist 1980). Most classification systems recognize two major subfamilies, *Camellioideae* and *Ternstroemioidae*. Two minor subfamilies are generally segregated out into small or monotypic families, such as the *Bonnetiaceae* and *Asteropeiaceae*. Four recent treatments of the *Camellioideae* subfamily, based on morphological and anatomical data (Melchior 1925, Airy Shaw 1936, Keng 1950, Sealy 1958), sort and combine the 13+/-genera in almost every possible combination. Advances in molecular plant systematic technology make it possible to investigate evolutionary relationships which, to date, have been recalcitrant using traditional approaches. Our work focuses on the application of molecular data to phylogenetic analyses of the *Camellioideae* with special emphasis on the *Gordoniinae* (sensu Keng 1950). Chloroplast DNA sequences have been obtained for the *rbcl* gene and a spacer region between the *trnL* and *trnF* genes (*trnL-F*). Cladistic analysis of the *rbcl* gene data set suggests a polyphyletic *Gordonia* in which the North American species, *Gordonia lasianthus* is most closely related to *Schima* and *Franklinia*. The remaining *Gordonia* representatives are from Central and South America (species formerly named

under the genus *Laplacea*) and group with the Asian species (now referred to *Polyspora*). *Camellia* is sister to the Central/South American-Asian *Gordonia* clade. The *trnL-F* spacer data supports this set of relationships, but differs in its placement of *Stuartia*. These preliminary data provide an independent data set which is (theoretically) less prone to homoplasy and interpretational error. It provides evidence for the polyphyly of *Gordonia* (*sensu lato*) and suggests tribal associations which have not yet been proposed.

“Advances in molecular plant systematic technology make it possible to investigate evolutionary relationships which, to date, have been recalcitrant using traditional approaches.”

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Phylogenetic Study of the Genus *Camellia* ~ A Molecular Approach

Barbara Thakor

The two major monographs of the genus *Camellia* (Sealy's and Chang's) differ in their subgeneric and sectional arrangements. In addition, since the publication of Chang's monograph several new species have been named, and controversy also exists over the classification of some of these newly named species. Classifications to date have been based solely upon vegetative and floral morphological criteria, which do not clearly define species separation in many instances. A non-morphological approach may help to overcome these problems and settle these areas of taxonomic disagreement.

Since DNA is the major component of the hereditary material, an understanding of the similarities or differences in a sample portion of the DNA of different species can be viewed as an indicator of the degree of relatedness of those species. In the past decade many researchers in plant sys-

tematics have begun to utilize the molecular approach of DNA sequencing to clarify phylogenetic relationships among species. As phylogenetic relationships among the species of a genus are better understood, this information can then be used to help untangle classification ambiguities.

In our laboratory at the University of North Carolina, we have undertaken to analyze portions of the DNA of several *Camellia* species utilizing molecular technology. In order to sample the magnitude of variation, we have chosen species from several different *Camellia* sections. The amount of variation being observed in the DNA of these various study species is being analyzed for the purpose of detecting the presence of any phylogenetically informative trends which will be interpreted in reclassification. The progress being made in these analyses will be reported at the International Symposium of *Camellia reticulata*.

Current and Proposed *Camellia* Research Projects Supported by the Endowment Development Fund of ACS

Janice Haldeman*

1. The following papers were published in The *Camellia* Journal. Volume 50 Number 1. February 1995.

Haldeman, Janice. Prospects for using genetic engineering to obtain disease resistance in camellias.

Shults, Amber M. and Janice H. Haldeman. Callus Production from petal tissue of *Camellia japonica*.

2. The most important research finds:

a. *Camellia* petal tissue can be used to produce good supplies of callus, which could be useful for further *in vitro* investigations with this genus.

b. *Camellia* leaf tissue can be cultured with the genetic

transformation bacteria, *Agrobacterium tumefaciens*.

(A paper reporting these results will appear in the February 1996 issue of the *Camellia* Journal.)

3. Current research for which funds are being used:

a. Investigations continue with experiments designed to determine whether or not *Agrobacterium tumefaciens* might be utilized for genetic engineering of *Camellia* species.

b. Experiments to regenerate camellia plants from callus and embryonic tissues are also underway.

* Dr. Haldeman, Professor of Biology, Erskine College, Due West, South Carolina

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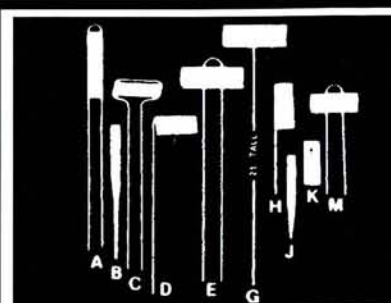
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THE STORY OF 'Dave's Weeper'

HOUGHTON S. HALL

In 1977 Dave and Lauretta Feathers, Ken and Kay Hallstone and Dr. Jimmy Smart of the UK came to dinner in the summer at the home of Houghton and Ariana Hall in San Anselmo, CA. Dave brought several scions of 'Dave's Weeper' with him as gifts to Houghton and Dr. Smart for grafting. My plant is now almost 20 years old, as is Dr. Smart's who grafted it on his return to his home in Devon, England.

In that same year of 1977, Dr. Smart wrote an article for the Royal Horticultural Society in which he mentioned 'Dave's Weeper'; thus it appeared, not as a registration, but as a listing on page 440 of the International Camellia Register.

This, therefore, is its' first official registration. To further complicate this is the fact that the original plant cannot be located at Dave's former home and garden. There is no history of its origin since his original records and notes of his seedling crosses and details concerning them were accidentally lost by him prior to his death. Thus the hybrid cross of *C. fraterna* with an unknown *C. japonica* remains an apparent unsolved mystery at this time.

Fortunately, a number of us on the NCCS Research Committee are growing it and of course, it will now be propagated commercially and will shortly be available to camellia people.

There seems to be a lesson to be learned from this to the effect that those of us who are hybridizing and registering new introductions should keep such records in a bound book and see to it that such records are eventually willed or turned over to the library at ACS for permanent keeping and research availability.

One further thought has come to mind concerning this hybrid, which is that during the 20 years that I have grown it, no seed pods have ever formed to the best of my knowledge. As a matter of fact, this plant is growing in very close proximity to many plants of *C. sasanqua*, *C. vernalis*, *C. maliflora* and others. Since *C. fraterna* apparently reproduces itself in the wild, does this then mean that the cross with *C. japonica* is infertile?

I am not a trained botanist so perhaps someone who is, can give us the answer.

❖ SLIDE SETS AVAILABLE ❖



The American Camellia Society currently offers 16 different slide programs for the use of individuals or local camellia societies.

Each slide set is sent First Class Mail U.S. Postal Service approximately 10 days prior to the date requested. They will be reserved in advance on a first-come, first-serve basis. We suggest a \$10 donation per slide set to cover postage and handling and the cost of updating slide sets. We ask that you return these slides the day following the program as many slide sets are very popular during the camellia season.

Those slide sets with an * are new for this season.

*1. **POPULAR LANDSCAPE CAMELLIAS:** These varieties will grow and bloom well most years where camellias will grow out of doors. These are recommended for outdoor plantings.

2. **NEW VARIETIES:** This set of slides is revised each year to include all new varieties that have been registered as well as those in the recent past. The text gives information on the originator, parents of the new variety if known, as well as information on bloom characteristics.

3. **JUDGES HAVE SPOKEN:** Features varieties which were the top show winners during the 1995-96 show season. Taken from the Yearbook article.

4. **CAMELLIA FAMILIES:** This set of slides illustrates some of the outstanding camellia families including the 'Betty Sheffield', 'Tomorrow' and 'Elegans'.

*5. **FAVORITES OF THE HYBRIDIZERS:** Different hybridizers from throughout the country were polled to find out their favorites of those they have registered throughout the years.

6. **AWARD WINNING CAMELLIAS:** This slide set contains slides of all ACS National Camellia Awards.

*7. **HISTORICAL CAMELLIAS:** This slide set features varieties that are at least 50 years old or older and are still popularly grown today.

8. **GIBBING CAMELLIAS:** Only 20 slides. This slide set describes gibberellic acid and how it should be applied to obtain earlier and larger camellia blooms. For the novice grower.

9. **GRAFTING:** Cleft grafting, the most commonly used type of graft for camellias is featured in this slide set. Articles are also included on cutting grafts and grafting large plants.

10. **PESTS AND DISEASES OF CAMELLIA:** This slide set illustrates the most common camellia problems encountered. Should help both the novice and experienced grower to identify camellia ills.

11. **MASSEE LANE GARDENS:** Highlights of Massee Lane Gardens, headquarters of the American Camellia Society, are featured in this set.

*12. **POPULAR CAMELLIAS FROM OTHER COUNTRIES:** Camellia growers in other countries have been asked to identify what they feel are the top 5-10 camellias grown in their country.

13. **CAMELLIA GARDENS IN THE U.S.:** This slide set illustrates some of the major gardens in the United States which feature camellias.

*14. **DIVERSITY OF THE CAMELLIA:** Different varieties will be featured which demonstrate the diversity of the genus camellia. Various flower forms, colors, sizes, will be included in this set.

*15. **CAMELLIA PERSONALITIES:** This slide set features various camellias which have been named for outstanding personalities in the camellia world. Blossoms will be fully described. Some of these are well-known flowers and others may be obscure.

*16. **CAMELLIAS NAMED FOR FAMOUS PEOPLE OR CHARACTERS:** This slide set will feature many camellias which through the years have been named for famous politicians, actors, fictional characters, etc. Flowers will be described.



COLD HARDY!

Compared to What?

Ray Bond

Prior to now, the temperature tolerance range of camellias has been a problem for nurserymen and landscapers. Before this time, unless established in the landscape, most camellias were in trouble at temperatures ranging from +25°F to +10°F.

Now, thanks to the efforts of Dr. William Ackerman in Maryland and Dr. Clifford Parks in North Carolina, new camellias, capable of withstanding temperatures 0°F and below, have been introduced and are making their way to market. Dr. Ackerman developed his camellia hybrids over a period of almost thirty years. He coined the term, "cold hardy" to describe these new camellias which withstand below 0°F temperatures. Initial introduction of "cold hardy" camellias was done by Dr. Ackerman at the National Arboretum in 1982. Formally, he introduced them to the market in an article in *Horticulture* magazine, May, 1993, issue. He described his new camellia cultivars using this terminology.

The market was made with a vengeance. To take advantage of the newly created demand for "cold hardy" camellias, several nurseries have disregarded or misapplied Dr. Ackerman's temperature description parameters. They have marketed some camellias as "cold hardy" which will not meet "cold hardy" temperature standards as originally set by Dr. Ackerman. Some of these claims refer to plants which would be marginal at best and probably dead at Dr. Ackerman's "cold hardy" defined temperatures.

One nursery specified a particular camellia, 'Kanjiro' (*C. hiemalis*), as "cold hardy (+10°F to 0°F)." This plant's ability to survive within this temperature range

is open to question, particularly if planted in the fall. The winter of 1995/1996 has given it a good test. Results should be known by June.

Definitions

For purposes of clarification, the following temperature guidelines have been established for camellias:

Winter Tolerant = +10°F to +5°F, to 0°F with protection. (Zone 7)

Winter Hardy = 0°F to -5°F, to -10°F with protection. (Zone 6). The majority of Dr. Ackerman's and Dr. Park's introductions fall into the 'Winter Hardy' classification.

Extremely Cold Hardy = -10°F to -15°F, to -20°F with protection. (Zone 5)

Because the term "cold hardy" has been overused and misused, it is unfortunate that it had to be omitted from these definitions. It could have been used to describe all camellias from winter tolerant through extremely cold hardy, but this leaves the door open to confusing "truth stretching" practices such as that described in paragraph three above.

Naturally, there are some camellia cultivars and hybrids which will cross over from one category to another. The safe way is to classify camellias as members of both categories, where necessary. The warmer classification, should be used first. Example: "Winter Tolerant/Winter Hardy," or "Winter Hardy/Extremely Cold Hardy."

One of the worst faults of the nursery industry is false claims for the abilities of various plants to grow under adverse conditions. Granted, most of this is done by more unreliable or questionable producers, but too many people are victim-

ized by this practice. It must be avoided as far as possible in the camellia market.

Note: For the first two years of growth, all *containerized* camellias including the winter tolerant, winter hardy and extremely cold hardy, should be kept above freezing in the winter. When camellias become established in the landscape, they can be expected to do well down to their rated temperatures. For proper plant establishment, I strongly recommend planting the camellia in the ground in the spring. Protect it during its first winter outside.

So, when someone tells you that a camellia is cold hardy, ask for more information or politely ask: "Compared to what?"

The 'Kanjiro' died after experiencing the winter of 1995/1996 when temperatures went down to +8°F.

However:

- (1) The plant (3 gallon) was planted in the ground in late summer. It was not "established" in its environment.
- (2) It experienced two sudden temperature drops of 30°F to 45°F, each within a 24 hour period, plus a 50°F drop over a three day period. During these temperature drops, the plant was protected with a plastic cover which is not recommended, by itself.
- (3) The plant was not mulched.
- (4) A controlled test has been set up with 'Kanjiro'. This planting was made this spring in a semi-protected (similar to the previous) environment in order to give the plants time to become established before winter. The plants are mulched. Results will be forthcoming. ❀

Atlantic Coast Directors ELECTED

Hulyn Smith, ACS Vice President Elect of the Atlantic Coast served as chairman of the Nominating Committee for this territory. He was ably assisted by members on the Nominating Committee from each of the states in the Atlantic Coast territory. In the May issue of The Camellia Journal members were invited to make nominations for their State Directors and Directors-at-Large. These nominations, with a brief biographical sketch, were sent to members of the Nominating Committee and forwarded by Vice President Smith to the Executive Director for publication in the August Camellia Journal.

Since only one name has been submitted for each office, these candidates have been declared elected or reelected and no ballots will be sent in September as stated in the May Journal.

The newly elected or reelected ACS Directors and Directors-at-Large are:

GEORGIA STATE DIRECTOR

Leslie (Buddy) Cawthon, Atlanta, is the newly elected Georgia State Director. He is currently serving as the ACS Membership Chairman. He is a past President of the Atlantic Coast Camellia Society and the North Georgia Camellia Society. He has been actively engaged in the Atlanta Camellia Shows for the past 12 years. Buddy is a co-advisor of the Camellia Class of the Southeastern Flower Show held in Atlanta. He is an Accredited ACS Camellia Judge, an ACS Life Member and joined the Society in 1975.

SOUTH CAROLINA STATE DIRECTOR

Lee Poe, Jr., Aiken, is the newly elected South Carolina State Director. He grew up with camellias as his late father was known throughout the camellia world as an excellent grower and exhibitor. Lee is known as a complete grower as he grafts, roots cut-

tings, airlayers and grows seedlings. At his home, he grows camellias outdoors and in the greenhouse. He has been the show chairman in Aiken for 15 years. As an Accredited ACS Judge, he exhibits and judges 5-6 shows each season. He became an ACS member in 1961.

NORTH CAROLINA STATE DIRECTOR

Fred Hahn, Charlotte, has been reelected as the Director of North Carolina. He is known throughout the camellia world as an excellent grower. In addition to his duties as ACS Director, he and his wife, Clara, serve as Secretary/Treasurer of the Atlantic Coast Camellia Society. He is an Accredited ACS Judge. He has served the Charlotte Camellia Society in many official capacities. He is a Life member of ACS and first joined in 1959.



VIRGINIA STATE DIRECTOR

Doug Simon (Capt., USN Ret.), Norfolk, is the newly elected Virginia State Director. He is the past President of the Virginia Society and served 2 terms as ACS Director several years ago. He resides in Norfolk and has served as Show Chairman for many years. He is an Accredited ACS Judge and wins many awards for his outstanding camellias. Doug joined ACS in 1981.

No. VA/DC/MD STATE DIRECTOR

Dr. Fritz Morsink, Baltimore, has been elected as the Northern Virginia, District of Columbia and Maryland Director. Fritz was born in Holland and came to the U.S. at a very young age. He is a retired professor and became interested in camellias many years ago. He is a member of the Camellia Society of the Potomac Valley. He has exhibited in the Washington and Baltimore shows. Fritz is an ACS Accredited Judge. He became a member of ACS in 1989.



Future Meetings of the *American Camellia Society*

**February 19-22, 1997
North Georgia Camellia Society
Atlanta, GA**

**January 28-31, 1998
Mississippi Gulf Coast
Camellia Society**

**March 3-6, 1999
Sacramento, CA**



NORTHEASTERN UNITED STATES DIRECTOR

Betty Daudt, Seaford, Delaware, is the newly elected Director for Northeastern United States. She and her husband, Louis, have grown excellent camellias for many years. In addition to her ACS membership, she has been an active member of the Camellia Society of the Potomac Valley and the Pioneer Camellia Society where she is a regular exhibitor. She is an ACS Accredited Judge. She has served as a proxy on the ACS Board of Directors many times. She joined ACS in 1961 and is a Life Member.

DIRECTORS-AT-LARGE

John Newsome, Atlanta, is a newly elected Director-at-Large for the Atlantic Coast. He has served as Georgia State Director for 2 terms. He has served as Chairman of the ACS Board of Directors. John has also served as Show Chairman for the Atlanta Camellia Society for 12 years. The Atlantic Coast Camellia Society and the Gulf Coast Camellia Society have elected him in the past as the Georgia Director. He currently serves as Co-Advisor in the Camellia Class Horticulture Division of the Southeastern Flower Show in Atlanta. John is an outstanding grower and attends numerous shows each year. He is an ACS Accredited Judge and a Life Member. He became an ACS member in 1973.

Jim Pinkerton, Lugoff, SC, is a newly elected Director-at-Large for the Atlantic Coast. He has served as South Carolina State Director for 2 terms. Jim is an active member of the Columbia Camellia and the Atlantic Coast Camellia Society. He has served as Chairman of the Columbia Camellia Show. He is presently serving as Chairman of the ACS Awards and Exhibition Committee. Jim is known for growing outstanding camellias and he attended, exhibited and won many awards in 17 shows during the 1995-96 season. He is an ACS Accredited Judge. He joined ACS in 1986. ♣

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45th Annual Camellia Show

November 23 and 24, 1996

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D'Iberville Community Center

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President
Helen Bounds
(601) 385-3308

Matching Gifts

ART LANDRY

The reference in the May Journal, on page 17, to "BellSouth Matching Grant - Art Landry's donation" — created questions in some members. This notation was a recognition of the donation which BellSouth made to the ACS Development Fund which matched my previous donation to the fund. I am retired from BellSouth and can continue to participate in their program. BellSouth will match donations made by employees or retirees to qualified Educational and Cultural organizations. The ACS Development Fund through its 501(c)(3) status and Botanic Garden qualifies as a matching organization. This means that all contributions made within the allowable limits that an active or retired BellSouth employee makes to the ACS Development Fund will be matched by BellSouth if a Matching Gift form is completed by the donor, sent to ACS for validation, and forwarded to BellSouth. I commend all my fellow retirees and employees of BellSouth to avail themselves of this opportunity to double their support to ACS. (Matching Gift forms can be obtained from me, ACS, or the BellSouth coordinator.)

There are a number of other companies which have similar matching gift programs to recognize employee support of qualified Educational and Cultural organizations. This is to request all ACS members who are employed by or retired from such a company, to send in a matching form for your company to ACS staff for them to process and obtain qualification under that program. Then let other ACS members with your matching company know of the program so that they can also participate. These matching funds can be a big help to ACS by multiplying the support which our members provide. ❖

Need A Judge?

A D D E N D U M

The following names did not appear in the article "Need A Judge?" in the May issue of The Camellia Journal. Please consider these along with the list in the May Journal when you select Judges, Novice Judges and Judges Emeritii for your show.

The following is a list of ACS Accredited Judges, Novice Judges and Judges Emeritii whose 1996 dues have been paid as of March 8, 1996. These are included for your convenience in selecting panels for the upcoming camellia shows. Judges are listed alphabetically by zip code. Find your area and invite both Accredited and Novice Judges to participate in your show. In order to complete the requirements for accredited status, a novice must judge in six shows in not less than two nor more than five years. Give a boost to a novice and help the person become accredited by judging in your show.

Accredited Judges

Dr. Albert Piringner
4409 Beechwood Road
University Park, MD 20782
J 12/01

Ms. Elizabeth L. Brown
20 Wide Water Road
Hilton Head Island, SC 29926
J 12/98

Mr. Curtis V. Smith
654 Kimberly Lane
Atlanta, GA 30306
J 12/96

Mrs. Peggy Perdue
208 Cartwright Drive
Bonaire, GA 31005
J 12/99

Mrs. Wayne Wiseman
502 S. Hutchinson Avenue
Adel, GA 31620
J 12/97

Mr. Lee Roy Smith
701 Ty Ty Road
Tallahassee, FL 32308
J 12/97

Mrs. Gladys A. Ristig
412 Lillian Drive
Orlando, FL 32806
J 12/97

Mrs. Eileen C. Hart
16921 Crawley Road
Odessa, FL 33556
J 12/97

Mrs. Elizabeth Dedrick
451 School Bus Road
Frostproof, FL 33843
J 12/96

Mrs. Mary L. Wilson
2055 Larchmont Way
Clearwater, FL 34624
J 12/97

Mrs. Woodrow Harris
6003 Post Road
Nashville, TN 37205
J 12/97

Mr. Woodrow Harris
6003 Post Road
Nashville, TN 37205
J 12/97

Mrs. Clifford D. Kennedy, Sr.
245 Lakewood Loop Drive
West Monroe, LA 71291
J 12/00

Mr. Clifford D. Kennedy, Sr.
245 Lakewood Loop Drive
West Monroe, LA 71291
J 12/00

Mr. David S. Rubin
P. O. Box 1228
Kilgore, TX 75662
J 12/97

Mr. Thomas B. Shelfer
8713 Cedar Spur Lane
Houston, TX 77055
J 12/99

Mrs. Kenneth C. Hallstone
996 Victoria Court
Lafayette, CA 94549
J 12/97

Ms. Virginia Rankin
1601 Glenwood
Modesto, CA 95350
J 12/97

Novice Judges

Dr. Ann Schwarz-Miller
1312 Taylor Point Road
Virginia Beach, VA 23454
N 12/99

Mrs. Gail R. Reese
9711 Beauclerc Terrace
Jacksonville, FL 32257
N 12/00

Mr. Robert R. Reese
9711 Beauclerc Terrace
Jacksonville, FL 32257
N 12/00

Mr. David W. Mikolaitis
824 SE 4th Avenue
Gainesville, FL 32601
N 12/00

Dr. Sidney P. Marshall
4024 NW 14th Street
Gainesville, FL 32605
N 12/00

Mrs. Sandra Williams
3480 NW 37th Street
Gainesville, FL 32605
N 12/00

Mr. John E. Thrasher, III
6424 SE 169th Avenue
Micanopy, FL 32667
N 12/00

Mr. Jason Stevens
8221 Spruce Lane
Lakeland, FL 33809
N 12/00

Mr. Charles M. Laritz
1516 S. E. 22nd Avenue
Ocala, FL 34471
N 12/00

Mrs. Barbara Gobrecht
505 Via Deseo
San Clemente, CA 92672
N 12/01

Mr. Harry D. Gobrecht
505 Via Deseo
San Clemente, CA 92672
N 12/01

Mr. Thomas E. Pulos
208 Southwind Drive
Pleasant Hill, CA 94523
N 12/99

Mr. Eric Hansen
440 Love Lane
Danville, CA 94526
N 12/99

Mr. Delmar C. Evans
2601 Estella Drive
Santa Clara, CA 95051
N 12/01

Mrs. Anthony F. Pinherio
2605 Sunrise Avenue
Modesto, CA 95350
N 12/99

Mr. Don Kendall
1505 Gary Lane
Modesto, CA 95355
N 12/98

Judges Emeritii

Mrs. Eleanor E. Waltz
2700 Bayonne Avenue
Baltimore, MD 21214
JE 12/97

Mrs. Edward L. Tolson
32-C Martin Drive
Whispering Pines, NC 28327
JE 12/97

Mr. Kermit J. Chance
Route 5, Box 500
Millen, GA 30442
JE 12/97

Mrs. G. Clyde Dekle, Jr.
617 Cleveland Avenue
Millen, GA 30442
JE 12/97

Mrs. M. V. Hill
1402 W. Lincoln Avenue
Albany, GA 31707
JE 12/97

Dr. Lee J. Sonnier
104 Girard Woods Road
Lafayette, LA 70503
JE 12/97

Mr. Oscar T. Tinkle
6704 SE 20th Avenue
Portland, OR 97202
JE 12/97

ADDITIONAL JUDGES APPOINTED AND RECERTIFIED JUDGES

Terms of Judges & Novice Judges listed herein expire December 31, 2000.

CALIFORNIA

Bakersfield:

Dr. Leland E. Chow

MISSISSIPPI

Gulfport:

Dr. D. Lyle Robertson

Terms of Judges & Novice Judges listed herein expire December 31, 2001.

CALIFORNIA

LaVerne:

Sonia Movich (Novice)

Sacramento:

Herbert J. Martin
(Judge Emeritus)

San Clemente:

Barbara J. Gobrecht (Novice)
Harry D. Gobrecht (Novice)

Santa Clara:

Delmar "Skip" Evans

DELAWARE

Seaford:

Betty Daudt
Louis R. Daudt

FLORIDA

Fort Walton Beach:

Henry A. Boudolf
Monta V. Horton

GEORGIA

Atlanta:

Mrs. L. V. Teeter
(Judge Emeritus)

LOUISIANA

Baker:

George A. Brandt, Jr.

Slidell:

Melissa P. Gant
Chip Gant
John Geiser

MARYLAND

Adelphi:

Carol W. Perkins
Rix D. Perkins

Baltimore:

Alice Davis
John Pumphrey

Bethesda:

Lelia L. Maryott

Towson:

Helen Habermann

Silver Springs:

Pauline Clatterbuck (Novice)
Carroll Clatterbuck (Novice)

University Park:

Dr. Albert Piringer

NORTH CAROLINA

Wilmington:

Carl M. Allen, Jr.

SOUTH CAROLINA

North Charleston:

Donna W. Shephard
William T. Shephard

VIRGINIA

Alexandria:

William Miller

Oakton:

Yoshiko Doherty

JUDGING SCHOOL TO BE HELD AT MASSEE LANE

A Judging School will be held at Massee Lane Gardens on Friday, November 8 from 9:00 a.m. until 3:00 p.m. All those who are interested in becoming Novice Judges or who are already Novice Judges and would like to become Accredited Judges are encouraged to sign up for this event. Accredited Judges may also attend to update their accreditation for five years. Immediately following the Judging School, the Middle Georgia Camellia Society will hold their annual fall show at Massee Lane Gardens. Those attending the Judging School will be invited to participate in the show by serving as runners, clerks, and judges. A fee of \$15 will be charged to cover the expenses of the school. This will include lunch during the day.

If you are interested in participating in the Judging School please contact Betty Hotchkiss at ACS Headquarters.



Camellia protojaponica Huzioka:

Fossilized camellia species from the middle Miocene

Norihiro Yoshikawa and Kazuo Yoshikawa

At present, Japan is separated from the Asian Continent by the Sea of Japan, but during early Tertiary time it was connected. The two land masses started to separate in the early Miocene in the Tertiary period (about 25 million years ago), and by the middle Miocene (about 17 million years ago) the area that is now Honshu and Hokkaido had divided into many islands (Figure 1). For the past 50 years many fossils of plant leaves, including evergreen and deciduous broad-leaved trees, have been excavated from strata deposited in the middle Miocene deposits in Honshu and Hokkaido. The fossilized leaves excavated from this stratum were named the 'Daijima flora'. Among the plants in this flora, the fossilized leaves of a species closely resembling *C. japonica*, or *C. rusticana*, have been found, and this fossil species is named *C. protojaponica* Huzioka (Figure 2). The reports of this ancient species are published in the geological literature, but it mostly has remained unnoticed by people who are interested in camellias.

In this paper, we would like to introduce you to some information about these *Camellia* fossils and speculate about the relationships between the fossilized species and the extant species, *Camellia japonica* and *C. rusticana* (snow camellia). *Camellia protojaponica* has elliptic to oblong leaves which are obtuse to attenuate-accumulate at the apex, and acute to obtuse at the base. They are 6-10 cm long and 3-4.9 cm wide and the leaf margins are serrulate (Kamoi, data; see Figure 2). The fossils of *C. protojaponica* have been found in Yoshioka in Hokkaido prefecture, Utto in Akita prefecture, Oguni in Yamagata prefecture, Kannanzawa in Niigata prefecture, Notonakajima in Ishikawa prefecture and Fukatani in Fukui prefecture (Tanai et al., 1963) (Figure 3). Of the 60 fossil species included in the Daijima flora, about 40 of them closely resemble extant species in present Japan (Huzioka and

Uemura) (Table 1). Although the most common species in the fossil flora were *Comptonia naumannii* (Nathorst) Huzioka and *Liquidamber miosinica* Hu et Chaney, these two genera are extinct in modern Japan. However, taxa similar to the fossils still occur in southeastern North America and China (*C. peregrina* in North America and species of *Liquidamber* in both North America and China). Many of the surviving species related to the Miocene flora are found in central to southwestern Honshu at present, and the related 20 species that survive only outside of Japan are distributed in areas such as the Yangtze River basin in China and in Taiwan.

It is not easy to speculate about the relationships between the fossil *C. protojaponica* and extant species, *C. japonica* or *C. rusticana* because during the interval of almost 17 million years there has been intense tectonic movement around the Japanese Islands and extensive plant migration associated with Pleistocene glaciations. However, the fact that by 17 million years ago camellias had already developed on the Japan land mass that bear striking similarities to the extant species, *C. japonica* or *C. rusticana*, suggests to us that *C. protojaponica* is an ancestor of *C. japonica* and/or *C. rusticana*. Therefore, we assume a direct connection between *C. protojaponica* and the extant species. From the ecological standpoint, *C. japonica* is a member of the evergreen laurel forest near the coast and *C. rusticana* is a member of the deciduous broad-leaved forest on the slopes of snowy mountainous regions. *Camellia protojaponica* is also supposed to be a member of the evergreen and deciduous broad-leaved vegetation.

We speculate that there is a relationship between this ancient species *C. protojaponica* and the extant *C. japonica* and *C. rusticana*. This similarity is supported by the similar morphology of the leaves and the common occurrence of

the ancient and modern plants in Japan. Although some people have assumed that modern Japanese camellias invaded Japan from China in recent historic or prehistoric time, these fossil deposits prove that camellias were distributed in Japan millions of year earlier in middle Miocene time.

This *Camellia* species, *C. protojaponica* is likely an ancestor of *C. japonica* and/or *C. rusticana*. At present it is not known how the Pleistocene ice ages modified the distributions of modern Japanese *Camellia* species.

We express our gratitude to Professor Clifford R. Parks of the University of

North Carolina at Chapel Hill, Dr. Kazuhiko Uemura, Mr. Yukihiro Kamoi in Niigata, Mr. Akira Watanabe of Akita Prefecture Museum and staff of Fukui City Museum of Natural History for their advice and kind support of our study.

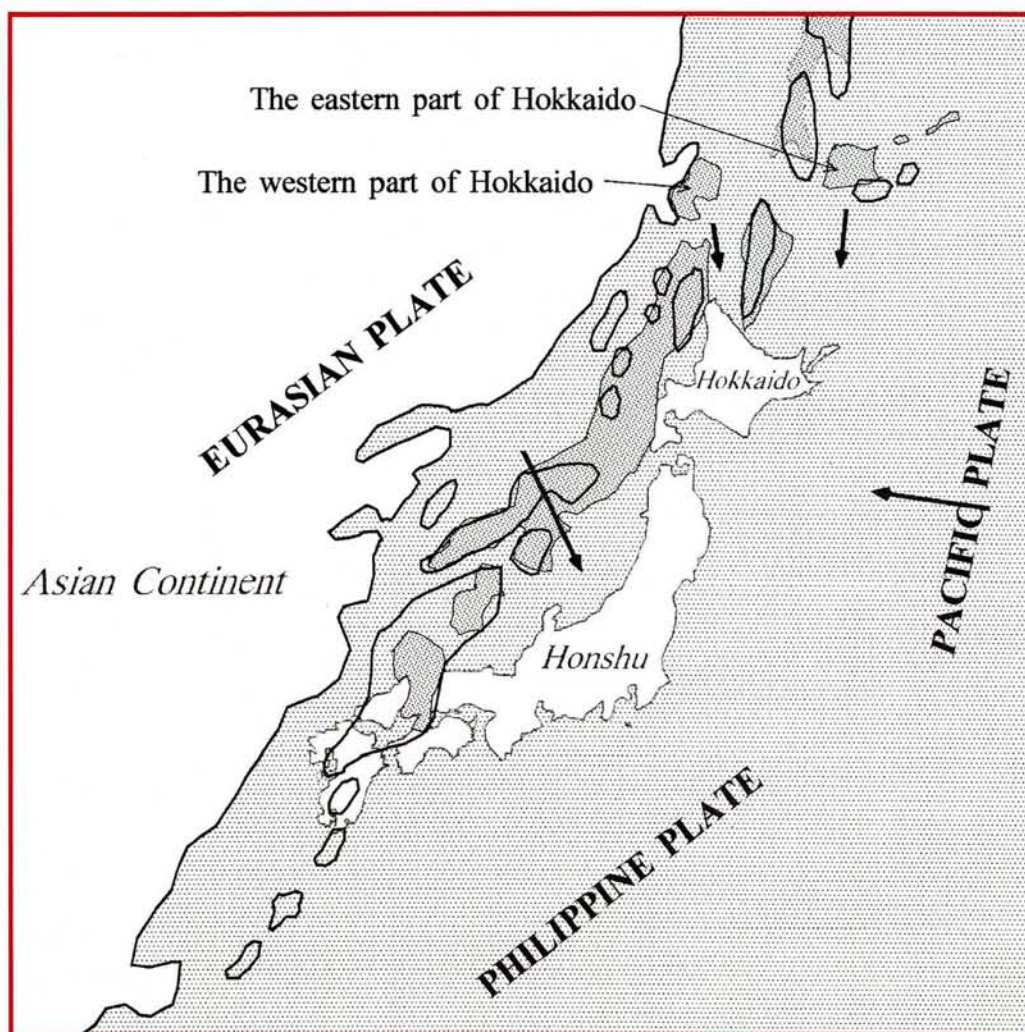


Figure 1. Geographic features of middle Miocene and present Japan.

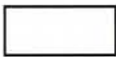
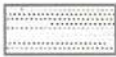
-  Land area in the middle Miocene.
-  Sea area in the middle Miocene.
-  The position of the Japanese Islands in the middle Miocene. (Adapted from Uemura, 1989)
-  The present position of Japan.
-  The Direction of the tectonic movement.



Figure 2.
The photograph of *C. protojaponica* excavated from Fukatani, Fukui prefecture. This fossil (G174-32. 1 - 21. 1) is stored in the Fukui City Museum of Natural History.

Figure 3.
The distribution of *C. japonica* and *C. rusticana* and the excavation sites of *C. protojaponica*.

-  The distribution of *C. japonica*
-  The distribution of *C. rusticana*
- The excavation sites of *C. protojaponica*



- The excavation sites of the other Daijima flora — *Comptonia naumanii* and/or *Liquidamber miosinica*.
(Adapted from Huzioka and Uemura, 1979)

Table 1. List of the fossil species found in middle Miocene and putative relatives that are Daijima flora extant in modern Japan.

FOSSIL SPECIES	SIMILAR LIVING SPECIES
Carpinus subyedoensis	C. tschonoskii
Betula uzenensis	B. schmidtii
Sorbus nipponica	S. commixta var. rufo-ferruginea
Torreya yoshiokaensis	T. nucifera
Picea kaneharai	P. polita
Pinus miocenica	P. thunbergii
Pseudotsuga ezoana	P. japonica
Smilax trinervis	S. china
Platycarya miocenica	P. strobilacea
Pterocarya asymmetrosa	P. rhoifolia
Alnus miojaponica	A. japonica
Carpinus stenophylla	C. japonica
Carpinus mioturczaninowii	C. turczaninowii
Ostrya shiragiana	O. japonica
Quercus miovariabilis	Q. variabilis
Zelkova ungeri	Z. serrata
Machilus nathorstii	M. thunbergii
Machilus ugoana	M. japonica
Parabenzoin protopraecox	P. praecox
Cladrastis aniensis	C. platycarpa
Rhus miosuccedanea	R. succedanea
Camellia protojaponica	C. japonica
Acer ezoanum	A. miyabei
Acer integerrimum	A. mono
Acer protojaponicum	A. japonicum
Acer trilobatum	A. pycnanthum
Alangium aequalifolium	A. platanifolium var. trilobum
Diospyros miokaki	D. kaki var. sylvestris
Juglans japonica	J. ailanthifolia
Castanopsis miocuspudata	C. cuspidata
Cyclobalanopsis mandraliscae	C. myrsinaefolia
Cyclobalanopsis nathorstii	C. glauca
Ulmus elegantior	U. davidiana
Cinnamomum miocerum	C. camphora
Cinnamomum lanceolatum	C. japonicum
Lindera gaudini	L. sericea
Sapindus miocenica	S. mucrossi
Ligustrum tokunagai	L. obtusifolium
Acer nordenskiöldii	A. palmatum
Syringa notoensis	S. reticulata

Literature Cited

- Huzioka, K. and K. Uemura. 1979. Chushinsei chuuki, daijima-kai ni okeru *Comptonia-Liquidamber* forest (Japanese). (*Comptonia-Liquidamber* forest on Daijima flora in the middle Miocene.) Jour. Min. Coll., Akita Univ., vol. 45. 37-52.
- Kamoi, Y. et al. 1995. Chigaku no guide (Japanese). (Guide for earth science) Corona Publishing Co., LTD. Tokyo.
- Tanai, T. et al. 1963. Tertiary floras of Japan. Collab. Assoc. Commem. 80th Anniv. Geol. Surv. Japan.

Memorials

(As of June 11, 1996)

Mrs. Charlotte Allman

San Jose, California

Mr. Robert E. Ehrhart

Delmar and Carolyn Evans

Ms. Linda L. Williams

Mrs. John (Helen) Augis

San Jose, California

Mr. Herbert J. Martin

Mrs. Helen Austin

Glendale, California

Mr. and Mrs. Thomas Hughes

Ms. Susanne Christine Bearden

Marietta, Georgia

Dr. and Mrs. W. F. Homeyer

Mrs. Robert (Helen) Bothfield

Gulf Breeze, Florida

The Pensacola Camellia Club, Inc.

Mrs. W. B. (Kate Taylor) Campbell

Baton Rouge, Louisiana

Mr. Douglas Mayfield

Mr. C. Boynton Cole

Atlanta, Georgia

Middle Georgia Camellia Society

Mr. John A. Dutro

Lafayette, California

Bev and Bill Allman

Don and Mary Bergamini

Delta Camellia Society

Mr. Robert E. Ehrhart

David and Ruta Hagmann

Mrs. Katherine P. Hallstone

Northern California Camellia Society

Ms. Linda L. Williams

Mr. William G. Head, Jr.

Wilmington, North Carolina

Tidewater Camellia Club

Dr. Walter E. Lammerts

Livermore, California

Mrs. Ann Blair Brown

Mr. Warriner V. Lytle

Glendale, California

Mr. and Mrs. Thomas Hughes

Mrs. Elsie Morrison

Sacramento, California

Bev and Bill Allman

Camellia Society of Sacramento

Mr. Robert E. Ehrhart

Thomas and Margaret Lee

Mr. Herbert J. Martin

Ms. Evalena M. Smith

Mr. and Mrs. Hulyn Smith

Ms. Linda L. Williams

Mrs. May Norgan

Columbia, South Carolina

Mr. and Mrs. Carl Allen

Mrs. Ann Blair Brown

Dr. and Mrs. Daniel E. Nathan

Donna and Bill Shepherd

Mrs. Frank (Sallie) Pittman

Jackson, Mississippi

Jackson Camellia Society

Mr. Fred Raatz

Spring, Texas

Coushatta Camellia Society

Mr. Irvin Roberts

Pensacola, Florida

The Pensacola Camellia Club, Inc.

Mr. Robert Van Zandt

Glendale, California

Mr. and Mrs. Thomas Hughes

*Sustaining/
Jt. Sustaining*
(Since the May Journal)

Mrs. H. B. Cave
New Zealand

**Dr. & Mrs. Paul H.
D'Amato**
Macon, GA



PATRONS

(Since the May Journal)

**Butler, Williams
& Wyche CPA'S,**
Macon, GA

**Mr. & Mrs. Charles
Vandenbulck,**
Savannah, GA



Special Gifts

(As of June 11, 1996)

**Bay Bridges District of California
Garden Club, Inc.**
Honoring ACS President Ehrhart

Callaway Gardens
Honorarium Betty Hotchkiss

Family Motor Coach Association, Inc.
Honorarium Ann Blair Brown

Mrs. Miki Mathews
Gift of Paper Camellias to Gift Shop

Dr. and Mrs. Daniel E. Nathan
Congratulations to W. C. Wyatt, Jr. on
election as President of Development
Fund Board

Dr. and Mrs. Daniel E. Nathan
In Appreciation for W. C. Wyatt, Jr.'s
Work as ACS Treasurer

Dr. and Mrs. Daniel E. Nathan
Happy Birthday to Margaret Jamison

Mr. A. Hoytte Rigby
In Gratitude for Betty Hotchkiss' Work

Livermore Armador Valley Garden Club
Honorarium Bob Ehrhart

CAMELLIAS REGISTERED WITH THE ACS

Since the May 1996 Journal

<u>NAME AND DESCRIPTION</u>	<u>REGISTRY NUMBER</u>	<u>ORIGINATOR</u>
'Elaine's Betty', medium, pale peach pink center with occasional rose red striping and spots shading to deeper peach pink at edge, peony to rose form double, <i>C. japonica</i> sport of 'Betty Sheffield', mid-season	2367	James L. Smelley
'Brenda Beach', large, blush pink, mottled with shades of medium pink, semidouble <i>C. japonica</i> chance seedling, mid-season to late	2368	Miles A. Beach
'Mary Edna Curlee', large, blush pink splotted with rose with dark red highlights, peony form, <i>C. japonica</i> chance seedling of 'Erin Farmer', mid-season	2369	Miles A. Beach
'Ryan's Argyle', miniature, dark pink, single, <i>C. japonica</i> chance seedling, mid-season	2370	Paul Eleazer
'Roscoe Dean', very large, deep rose pink, semidouble to peony form <i>C. reticulata</i> (<i>C. reticulata</i> 'Mouchang' x <i>C. reticulata</i> 'Pharaoh') mid-season to late	2371	Marvin Jernigan
'Billy Hardwick', very large, flame red, semidouble, <i>C. reticulata</i> (Homeyer # 158 x 'Tali Queen'), mid-season to late	2372	Marvin Jernigan
'Sarge Freeman', large, bright red - sometimes have large white splotches, semidouble, <i>C. japonica</i> chance seedling, early to mid-season	2373	Elizabeth R. Scott
'Babs Barnette', small, light peachy pink, formal double, <i>C. japonica</i> chance seedling, mid-season	2374	Elizabeth R. Scott

'Eyes of March', small, deep pink veined red, single <i>C. japonica</i> chance seedling of 'Lady Vansittart', late	2375	Stephenson's Nursery
'Elizabeth Acree', medium, white fading to medium pink outer petals, formal double <i>C. japonica</i> chance seedling of 'Magnoliaeflora', mid-season to late.....	2376	Tom Dodd Nurseries
'White Jewel', miniature, white, formal double <i>C. japonica</i> chance seedling of 'Eyes of March', late	2377	E. Ray Bond
'Tango', large, black red crimson, formal double <i>C. reticulata</i> hybrid (<i>C. reticulata</i> 'Craig Clark' x H-404 - seedling of <i>C. pitardii</i> 'Yunnanica' x <i>C. reticulata</i> 'Cornelian'), mid-season.....	2378	Houghton S. Hall
'High Sierra', very large, spirae pink, loose peony form <i>C. reticulata</i> hybrid of 'Lillette Witman', mid-season to late	2379	Houghton S. Hall
'Martie Determan', very large, light orchid pink, semidouble <i>C. japonica</i> chance seedling of 'Nancy Mandarich', early to late.....	2380	Houghton S. Hall
'Chances Are', very large, magenta rose, semidouble <i>C. reticulata</i> hybrid of 'Pink Sparkle', early to mid-season	2381	Houghton S. Hall
'Barbara Beeland Rehder', miniature, blush pink, formal double <i>C. japonica</i> chance seedling, mid-season	2382	Henry B. Rehder, Sr.
'High Fever', very large, deep rose, loose peony form <i>C. reticulata</i> hybrid of 'Cornelian', mid-season.....	2383	Houghton S. Hall
'Skyrocket', large, white base with flecs and stripes of deep pink, anemone form <i>C. japonica</i> chance seedling, early to late	2384	Houghton S. Hall
'Ariana Hall Supreme', large, cream white fading to pink edges, semidouble <i>C. japonica</i> chance seedling, mid-season to late	2385	Houghton S. Hall
'Luminous', very large, Neyron rose with white moire, semidouble <i>C. reticulata</i> chance seedling, early to mid-season	2386	Houghton S. Hall
'Filoli Red', very large, brilliant red, semidouble <i>C. reticulata</i> hybrid of 'Shot Silk', mid-season to late.....	2387	Houghton S. Hall
'Dave's Weeper', miniature, lilac white, single <i>C. hybrid</i> (<i>C. fraterna</i> x <i>C. japonica</i>), mid-season to late.....	2388	David Feathers

SHOW DATES

(ACS Cooperative Shows)

Place, Location, Sponsor	Date
Columbia, SC; South Carolina State Fair; Mid-Carolina Camellia Society	October 5-6, 1996
Perry, GA; Georgia National Fair; Middle Georgia Camellia Society	October 12-13, 1996
Chesapeake, VA; Chesapeake Square Mall; Virginia Camellia Society	November 2, 1996
Fort Walton Beach, FL; Okaloosa County Fair Grounds, 1958 Lewis Turner Blvd.; Fort Walton Camellia Society	November 9, 1996
Fort Valley, GA; Massee Lane Gardens; Middle Georgia Camellia Society	November 9-10, 1996
Valdosta, GA; Valdosta Garden Center; Valdosta Camellia Society	November 16-17, 1996
Waycross, GA; Suntrust Bank of SE GA; Federated Garden Clubs of Waycross	November 20-21, 1996
D'Iberville, MS; Mississippi Gulf Coast Camellia Society	November 23-24, 1996
Brookhaven, MS; State Bank & Trust Company; Brookhaven Camellia Society	November 30, 1996
Slidell, LA; Slidell Municipal Auditorium; Ozone Camellia Club	December 7, 1996
Jacksonville Beach, FL; Jacksonville Beach Womens Club; Island of Beaches Camellia Society	December 7-8, 1996
Apopka, FL; Fran Carlton Center; Apopka Parks Department	December 14-15, 1996
Pensacola, FL; Wright Place; Pensacola Camellia Club	December 14-15, 1996
Tampa, FL; Tampa Garden Center; Tampa Bay Area Camellia Society	January 11, 1997
Tallahassee, FL; Tallahassee Mall; Camellia & Garden Club of Tallahassee	January 11-12, 1997

Conroe, TX; First Christian Church; Coushatta Camellia SocietyJanuary 11-12, 1997

New Orleans, LA; Camellia Club of New OrleansJanuary 11, 1997

Mobile, AL; Springdale Mall; Camellia Club of MobileJanuary 18-19, 1997

Orlando, FL; Leu Gardens - Camellia Room; Camellia Society of
Central Florida.....January 18-19, 1997

Thomasville, GA; Thomasville Garden Center; Thomasville Garden ClubJanuary 25, 1997

Ocala, FL; Appleton Culture Center; Ocala Camellia SocietyJanuary 25-26, 1997

Lakeland, FL; Garden Club of Lakeland, 802 East Orange Street;
Lakeland Camellia SocietyJanuary 25-26, 1997

White Springs, FL; Stephen Foster State Folk Cultural CenterFebruary 1-2, 1997

Pineville, NC; Carolina Place Mall; Charlotte Camellia SocietyFebruary 1-2, 1997

Fort Worth, TX; Fort Worth Garden Center; Fort Worth Camellia SocietyFebruary 8, 1997

Columbia, SC; Columbia Mall; Columbia Mall Merchants Association
& Mid-Carolina Camellia Society.....February 8-9, 1997

Tampa, FL; Florida State Fair; Tampa Bay Area Camellia SocietyFebruary 15, 1997

Wilmington, NC; Independence Mall; Tidewater Camellia ClubFebruary 15-16, 1997

Atlanta, GA; Atlanta Botanical Gardens; North Georgia Camellia Society
(In Conjunction with ACS Convention)February 21-22, 1997

Warner Robins, GA; Houston Mall; Middle Georgia Camellia SocietyMarch 1, 1997

Fresno, CA; Fashion Fair Mall; Central California Camellia SocietyMarch 8-9, 1997

Burlington, NC; Holly Hill Mall; Piedmont Camellia ClubMarch 8-9, 1997

Chesapeake, VA; Chesapeake Square Mall; Virginia Camellia SocietyApril 5, 1997

Slidell, LA; Slidell Municipal Auditorium; Ozone Camellia ClubDecember 6, 1997

(If your show date does not appear in this listing, send it to ACS Headquarters before September 1st for inclusion in the November issue of *The Camellia Journal*.)

SHOW REPORTS

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

ALABAMA

Tuscaloosa, January 27-28, 1996
(34th Annual)
Sponsor: West Alabama Camellia Club
Number of Blooms Displayed: 680. Attendance: 400.

ACS OUTSTANDING BLOOM CERTIFICATES:

Most Outstanding Bloom: 'Pirate's Gold', Jim Newell

C. japonica:

Large-Very Large: 'Pirate's Gold', Jim Newell
Runner-up: 'Carter's Sunburst Pink', Louise Poe Hairston
Medium: 'Ville de Nantes', Mrs. R.F. Jeffares
Small: 'Little Susie', Mr. & Mrs. Richard Frank, Jr.
Miniature: 'Lemon Drop', George & Jane Griffin

C. reticulata:

Best Bloom: 'Frank Houser', John T. Newsome

C. hybrid:

Best Bloom: 'Mona Jury', Jim Newell

Best White: 'Snowman', James & Elaine Smelley

ACS GOLD CERTIFICATE:

Won By: George & Jane Griffin

ACS SILVER CERTIFICATE:

Won By: Jim Newell

NUMBER OF ACS MEMBERSHIPS SOLD: None.

CALIFORNIA

Atwater, March 23, 1996 (19th Annual)
Sponsor: Atwater Garden Club & Camellia Society

ACS OUTSTANDING BLOOM CERTIFICATES:

Most Outstanding Bloom: 'Queen Bee', Mr. & Mrs. James Randall

C. japonica:

Very Large: 'Katie Var.', H. H. Goff
Runner-up: 'Holly Bright', Chris & Art Gonos
Large: 'Lady Laura', Mrs. William Breuner
Runner-up: 'In The Pink', Robert Ehrhart
Medium: 'Chie Tarumoto', Mr. & Mrs. James Randall
Runner-up: 'In The Red', Harlan Smith
Small: 'Ellen Daniel', Larry & Nancy Pitts
Runner-up: 'Something Beautiful', Mr. & Mrs. R. Steele

C. reticulata:

Best Bloom: 'Queen Bee', Mr. & Mrs. James Randall
Runner-up: 'John Hunt', Larry & Nancy Pitts

C. hybrid:

Best Bloom: 'Water Lily', Robert Ehrhart
Runner-up: 'E. G. Waterhouse Var.'

Best Miniature: 'Wilamina', Mrs. William Breuner
Runner-up: 'Spring Festival', Mr. & Mrs. Ray
Best White: 'Ragland Supreme', Harlan Smith
Best Fragrant: 'High Fragrance', Hal & Deane Burch

ACS GOLD CERTIFICATE:

Won By: Robert Ehrhart

ACS SILVER CERTIFICATE:

Won By: Mr. & Mrs. Steele

NUMBER OF ACS MEMBERSHIPS SOLD: None.

Fresno, March 9-10, 1996

Sponsor: Central California Camellia Society
Number of Blooms Displayed: 1,271. Attendance: 30,000+

ACS OUTSTANDING BLOOM CERTIFICATES:

Most Outstanding Bloom: 'W. P. Gilley Var.', Jim & Jackie Randall

C. japonica:

Large-Very Large: 'Royal Velvet', Harlan Smith
Runner-up: 'Mrs. D. W. Davis Special', Jack & Ann Woo
Medium: 'Black Magic', Harlan Smith
Runner-up: 'Eleanor Martin Supreme', Jake Holtzman
Small: 'Spring Daze', Marvin Belcher
Runner-up: 'Marchioness of Salisbury', Sergio & Elsie Bracci
Miniature: 'Grace Albritton', Chris & Art Gonos
Runner-up: 'Ellen Daniel', Jack & Ann Woo

C. hybrid:

Best Bloom: 'Hot Pink', Robert E. Ehrhart
Runner-up: 'Mona Jury', Mr. & Mrs. Donald D. Lesmeister
Best Miniature: 'Botan-Yuki', Mr. & Mrs. James Toland
Runner-up: 'Man Size', Jack Lewis
Best Fragrant: 'High Fragrance', Mrs. Edith Mazzei
Best Yellow: 'Dahlonega', Jack & Ann Woo
Best White: 'Silver Cloud', Larry & Nancy Pitts
NUMBER OF ACS MEMBERSHIPS SOLD: None.

Sacramento, March 2-3, 1996 (72nd Annual)

Sponsor: Camellia Society of Sacramento
Number of Blooms Displayed: 3320. Attendance: 3000.
ACS OUTSTANDING BLOOM CERTIFICATES:

Most Outstanding Bloom: 'Bravo', Ron & Elsie Morrison

C. japonica: (Not Chemically Treated)

Very Large: 'Black Magic', Harlan Smith
Runner-up: 'Moonlight Bay', Ron & Elsie Morrison
Large: 'Mrs. D. W. Davis Special', Don & Joan Lesmeister
Runner-up: 'Charles O'Malley', Bob Ehrhart
Medium: 'Sweet Dreams', Bill & Bev Allman
Runner-up: 'Nuccio's Carousel', Don & Joan Lesmeister
Small: 'Spring Daze', Edith Mazzei
Runner-up: 'Something Beautiful', Don & Joan Lesmeister
Miniature: 'Fircorne Var.', Harlan Smith
Runner-up: 'Mini Mint', Hal & Dean Burch

C. japonica: (Chemically Treated)

Best Bloom: 'Lady Laura', Tom & Marge Lee

C. reticulata:

Very Large: 'Bravo', Ron & Elsie Morrison

Runner-up: 'Queen Bee', Bill Stewart

Medium-Large: 'Dr. Louis Polizzi', Jim & Jackie Randall

Runner-up: 'Valley Knudsen', Bruce & Lynne Henz

Chemically Treated: 'Larry Piet', Jim & Jackie Randall

C. hybrid:

Best Bloom: 'Orchid Princess', Eric Hansen
Runner-up: 'Dream Boat', Robert E. Ehrhart

Best Novice Bloom: 'Guilio Nuccio Var.', B. Moore
Runner-up: 'Royal Velvet', B. Moore

Best White: 'Feathery Touch', Don & Mary Bergamini

Best Spray or Stem: 'Kramer's Supreme', Charles Gerdel

Best Fragrant: 'High Fragrance', Edith Mazzei

Best Yellow: 'Jury's Yellow', Elmer & Bernice Achterberg

ACS GOLD CERTIFICATE:

Won By: Robert E. Ehrhart

ACS SILVER CERTIFICATE:

Won By: Don & Joan Lesmeister

NUMBER OF ACS MEMBERSHIPS SOLD: Two.

ACS SILVER CERTIFICATE:

Won By: Don & Joan Lesmeister

NUMBER OF ACS MEMBERSHIPS SOLD: Two.

Santa Clara, February 24-25, 1996 (55th Annual Show)

Sponsor: Camellia Society of Santa Clara County
ACS OUTSTANDING BLOOM CERTIFICATES:

Most Outstanding Bloom: 'Ruta Hagmann', Robert E. Ehrhart



C. reticulata:

Best Bloom: 'W. P. Gilley Var.', Jim & Jackie Randall
Runner-up: 'Valley Knudsen', Al Taylor

C. hybrid:

Best Bloom: 'Pink Dahlia', Marvin Belcher
Runner-up: 'First Blush', Jim & Jackie Randall

Best White: 'Purity', Bob & Betty Kellas

NUMBER OF ACS MEMBERSHIPS SOLD: None.

Modesto, March 16-17, 1996 (34th Annual)

Sponsor: Modesto Camellia Society
ACS OUTSTANDING BLOOM CERTIFICATES:

Most Outstanding Bloom: 'Moonlight Bay', Tom & Marge Lee

C. japonica:

Very Large: 'Moonlight Bay', Tom & Marge Lee
Runner-up: 'Lady Laura', Tom & Marge Lee
Large: 'Katie Var.', Donald R. Fretz
Runner-up: 'Mable Bryan', Judy & Harlan Smith
Medium: 'Feathery Touch', Hal & Deane Burch
Runner-up: 'Nuccio's Jewel', Larry & Nancy Pitts
Small: 'Tom Thumb', Robert E. Ehrhart
Runner-up: 'Black Tie Var.', Judy & Harlan Smith

C. reticulata:

Large-Very Large: 'Arch of Triumph', Larry & Nancy Pitts
Runner-up: 'Curtain Call', The Ron Morrisons

Medium: 'Margaret Bernhardt', Eric Hansen

C. japonica:
 Very Large: 'Elegans Supreme', Larry & Nancy Pitt
 Runner-up: 'Katie Var.', Mr. & Mrs. James Randall
 Large: 'Rena Swick Var.', Robert E. Ehrhart
 Runner-up: 'Nuccio's Gem', Larry & Nancy Pitts
 Medium: 'Betty Foy Sanders', Mrs. William Breuner
 Runner-up: 'Bobbie Fain Var.', Edith Mazzei
 Small: 'Something Beautiful', Mr. & Mrs. Donald Lesmeister
 Runner-up: 'Little Babe Var.', Mr. & Mrs. E.F. Achterberg
 Miniature: 'Fircone Var.', Mr. & Mrs. Harlan Smith
 Runner-up: 'Botan-Yuki', Larry & Nancy Pitts

C. reticulata:
 Large-Very Large: 'Curtain Call', Mr. & Mrs. Thomas Lee
 Runner-up: 'Cornelian', Larry & Nancy Pitts
 Small: 'Ruta Hagmann', Robert E. Ehrhart
 Runner-up: 'Lauretta Feathers', Eric Hansen

C. hybrid:
 Large-Very Large: 'Mona Jury', Mr. & Mrs. Donald Lesmeister
 Runner-up: 'Julie Var.', Eric Hansen
 Small-Medium: 'Kramer's Fluted Coral', Mr. & Mrs. Donald Lesmeister
 Runner-up: 'Debbie', Howard Oliver

Best Novice Bloom:
Japonica: 'In The Pink', Henny Orcutt
 Hybrid: 'Yirindong', Mr. & Mrs. Ted Gackstetter
 Best Fragrant: 'High Fragrance', Howard Oliver
 ACS GOLD CERTIFICATE:

Won By: Robert E. Ehrhart
 ACS SILVER CERTIFICATE:
 Won By: Mr. & Mrs. Donald Lesmeister
 NUMBER OF ACS MEMBERSHIPS SOLD: None.

DISTRICT OF COLUMBIA

Washington, April 13-14, 1996 (42nd Annual)
 Sponsor: Camellia Society of the Potomac Valley
 Number of Blooms Displayed: 550. Attendance: 1500.

ACS OUTSTANDING BLOOM CERTIFICATES:

C. japonica:
 In Open: 'Grace Albritton', Capt. & Mrs. Douglas Simon
 Runner-up: 'Gunsmoke', Capt. & Mrs. Douglas Simon
 Greenhouse: 'Scarlet Glory', Mrs. Margaret White
 Runner-up: 'Tomorrow's Tropic Dawn', Mr. & Mrs. Louis Daudt
 Protected, Other: 'Adolphe Audusson Var.', Dr. Helen Haberman
 Runner-up: 'Fukufszumi', Mrs. Yoshiko Doherty

C. reticulata:
 Best Bloom: 'Nuccio's Ruby', Mrs. Margaret White
 Runner-up: 'Valley Knudsen', Mrs. Margaret White

C. hybrid:
 Best Bloom: 'Pink Icicle', Mr. John Pumphrey
 Runner-up: 'Charlean Var.', Capt. & Mrs. Douglas Simon
 Best White: 'Nuccio's Gem', Dr. & Mrs. W. L. Ackerman
 NUMBER OF ACS MEMBERSHIPS SOLD: None.

FLORIDA

Orlando, January 18-19, 1996 (50th Annual)
 Sponsor: Camellia Society of Central Florida
 Number of Blooms Displayed: 1320.

Attendance: 5,000.
 ACS OUTSTANDING BLOOM CERTIFICATES:
 Most Outstanding Bloom: 'Curtain Call', Joe Austin

C. japonica: (In Open)
 Large: 'Dennis Vaughn', Howard Smith
 Runner-up: 'Lady Ruth', Jefferson Pipes
 Medium: 'Nuccio's Cameo', Robert Ehrhart
 Runner-up: 'Brassenie', Jo Kelly
 Small: 'Pink Doll', Robert Ehrhart
 Runner-up: 'Maroon and Gold', Tom & Mary Adams
 Miniature: 'Little Man', Tom & Mary Adams

C. japonica: (Protected)
 Very Large: 'Helen Bower Var.',

Pat & Jim Pinkerton
 Large: 'Edna Bass Var.', Joe Austin
 Medium: 'Margaret Davis', Joe Austin
 Small: 'Les Marbury', Joe Austin

C. reticulata:
 In Open: 'Dr. Clifford Parks', Tom & Mary Adams
 Runner-up: 'Frank Houser', Howard Smith
 Protected: 'Curtain Call', Mabel & Joe Austin
 Runner-up: 'Tony's Joy Var.', Pat & Jim Pinkerton

C. hybrid:
 In Open: 'Punkin', Eileen C. Hart
 Runner-up: 'Joe Nuccio', John Spencer
 Protected: 'Julie Var.', Sandra & John Penny
 Runner-up: 'Fair Jury', Sandra & John Penny

C. sasangua:
 Best Bloom: 'Star Above Star', John L. Spencer
 Best White: 'Margaret Austin', Joe Austin
 ACS GOLD CERTIFICATE:
 Won By: Annabelle & Lew Fetterman
 ACS SILVER CERTIFICATE:
 Won By: John Shirah
 NUMBER OF ACS MEMBERSHIPS SOLD: Two.

Tampa, January 13, 1996 (9th Annual)
 Sponsor: Tampa Bay Area Camellia Society
 Number of Blooms Displayed: 689. Attendance: 700.
 ACS OUTSTANDING BLOOM CERTIFICATES:
 Most Outstanding Bloom: 'Grand Slam', C. E. Bengston

C. japonica: (In Open)
 Large: 'Lady In Red', John Shirah
 Runner-up: 'Mathotiana', C. E. Bengston
 Medium: 'Grand Marshall', C. M. Gordy
 Runner-up: 'Grand Prix', William Skipper
 Small: 'Little Babe Var.', Lillian & C. M. Gordy
 Runner-up: 'Black Gold', Eileen Hart
 Miniature: 'Little Slam', Lillian & C. M. Gordy

C. japonica: (Protected)
 Large: 'David Radcliff', Dr. Daniel Nathan
 Runner-up: 'Show Time', Dr. Daniel Nathan
 Medium: 'Rudy's Magnoliaeflora', Dr. C. David Scheibert
 Runner-up: 'Twilight', Dr. C. David Scheibert
 Small: 'Ave Maria', Dr. C. David Scheibert
 Miniature: 'Little Slam Var.', Lillian & C. M. Gordy

C. reticulata:
 In Open: 'Black Lace', Lillian & C. M. Gordy
 Runner-up: 'Frank Houser', John Shirah
 Protected: 'Dr. Dan Nathan', Dr. Daniel Nathan
 Runner-up: 'Terrell Weaver', Dr. Daniel Nathan

C. hybrid:
 In Open: 'Debbie', Eileen Hart
 Protected: 'Freedom Bell', Dr. C. David Scheibert
 Best White: 'Snow Chan', William M. Skipper
 Best Novice Bloom: 'Margaret Williams', Alan & Debbie Zlata

ACS GOLD CERTIFICATES:
 In Open: John Shirah
 Protected: Dr. Daniel Nathan
 ACS SILVER CERTIFICATES:
 In Open: Eileen Hart
 NUMBER OF ACS MEMBERSHIPS SOLD: Four.

GEORGIA

Warner Robins, March 9, 1996
 Sponsor: Middle Georgia Camellia Society
 Number of Blooms Displayed: 516. Attendance: 500.
 ACS OUTSTANDING BLOOM CERTIFICATES:
 Most Outstanding Bloom: In Open - 'Ville de Nantes', Ed McDowell
 Protected - 'Cherries Jubilee', John Newsome

C. japonica: (In Open)
 Large: 'Royal Velvet', Warren & Cheryl Thompson
 Runner-up: 'Reg Ragland', Warren & Cheryl Thompson
 Medium: 'Nuccio's Gem', Roy & Louise Homans
 Runner-up: 'Betty Sheffield Blush Supreme', Dan & Muriel Nathan
 Small: 'Tom Thumb', Hillary & Peggy Perdue
 Runner-up: 'Dahlohnega', Dan & Muriel Nathan

C. japonica: (Protected)
 Large: 'Veiled Beauty', John Newsome
 Runner-up: 'Elizabeth Weaver', John Newsome
 Medium: 'Firedance', John Newsome
 Runner-up: 'Dee Davis Var.', John Newsome

Small: 'Wicke', George & Jane Griffin
 Runner-up: 'Little Babe Var.', George & Jane Griffin

C. reticulata:
 In Open: 'Betty Ridley', Warren & Cheryl Thompson
 Runner-up: 'Dr. Clifford Parks', Ed McDowell
 Protected: 'Queen Bee', Frank & Margaret Jamison
 Runner-up: 'Dick Goodson', John Newsome

C. hybrid:
 Best Bloom: 'Mona Jury', John Newsome
 Runner-up: 'Freedom Bell', Grady Stokes
 Best Miniature: 'Man Size', John Newsome
 Runner-up: 'Shikibu', Warren & Cheryl Thompson
 Best Seedling: JO12, Marvin & Ruth Jernigan
 Best Novice Bloom: 'Angel's Blush', Alline Kent
 ACS GOLD CERTIFICATE:
 Won By: George & Jane Griffin
 ACS SILVER CERTIFICATE:
 Won By: Dave & Elizabeth Scheibert
 NUMBER OF ACS MEMBERSHIPS SOLD: One.

LOUISIANA

New Orleans, January 13, 1996 (56th Annual)

Sponsor: Camellia Club of New Orleans
 ACS OUTSTANDING BLOOM CERTIFICATES:

C. japonica: (In Open)
 Very Large: 'Scarlet Glory Var.', Paul Huerkamp
 Runner-up: 'Guilio Nuccio Var.', William F. LaRose
 Large: 'Wendy', Gordon Wesley
 Runner-up: 'Lady Laura', William F. LaRose
 Medium: 'Don-Mac', Gordon Wesley
 Runner-up: 'Virginia Alter', William F. LaRose
 Small: 'Grace Albritton', Mrs. H. S. Stone
 Runner-up: 'Kitty', Mr. & Mrs. C. C. Torres
 Miniature: 'Man Size', Richard Leon
 Runner-up: 'Shikibu', Mrs. H. S. Stone

C. japonica: (Protected)
 Very Large: 'Show Time', Jim Newell
 Runner-up: 'Angel Kloman', James & Elaine Smelley
 Large: 'Tomorrow Park Hill Blush', Jim Newell
 Runner-up: 'Tomorrow Var.', Jim Newell
 Medium-Large: 'Cherries Jubilee', Walter Creighton
 Runner-up: 'Ville de Nantes', Mrs. R. F. Jeffares
 Medium: 'Magic City', Walter Creighton
 Runner-up: 'Margaret Davis', James & Elaine Smelley
 Small: 'Little Babe Var.', Jim Newell
 Runner-up: 'Tama-No-Ura', Gordon G. Wesley
 Miniature: 'Man Size', Jim Newell
 Runner-up: 'Fircone', Jim Newell

C. reticulata:
 In Open: 'Terrell Weaver', William F. LaRose
 Protected, Large-Very Large: 'Dr. Clifford Parks', James & Elaine Smelley
 Runner-up: 'Pleasant Memories', Jim Newell
 Protected, Small-Medium: 'Black Lace', Tom Perkins
 Runner-up: 'Angel Wings', Walter Creighton

C. hybrid:
 In Open: 'Charlean', Paul Huerkamp
 Protected, Large-Very Large: 'Mona Jury', Jim Newell
 Runner-up: 'Wynne Rayner', Walter Creighton
 Protected, Small-Medium: 'Freedom Bell', John K. Edwards
 Runner-up: 'Debbie', Jim Newell
 Best White: 'Sea Foam', Walter Creighton
 Novice Class:

Large-Very Large: 'Jessie Burgess', Suzianne Cline
 Medium-Medium Large: 'Emily Wilson', Dino Fallon
 Miniature-Small: 'Little Babe Var.', R. F. Guill
 ACS GOLD CERTIFICATES:
 In Open: Mrs. H. S. Stone
 Protected: Jim Newell
 ACS SILVER CERTIFICATES:
 In Open: Paul Huerkamp
 Protected: James & Elaine Smelley
 NUMBER OF ACS MEMBERSHIPS SOLD: None.

Shreveport, January 27-28, 1996
 Sponsor: Shreveport Camellia Society
 Number of Blooms Displayed: 201.
 ACS OUTSTANDING BLOOM CERTIFICATES:

C. japonica:

Large-Very Large: 'Lucy Stewart',
Pat & Eva McMurrey
Runner-up: 'Mathotiana Supreme Var.',
David Ruben
Large: 'Mary Agnes Patin', David Ruben
Runner-up: 'Snowman', Charles B. Malone, Jr.
Medium-Large: 'Ville de Nantes', Powell Layton
Runner-up: 'Cherries Jubilee', W. F. Mann
Medium: 'Margaret Davis', Pat & Eva McMurrey
Small: 'Buddy Var.', W. F. Mann
Miniature: 'Man Size', David Ruben

C. reticulata:

Best Bloom: 'W. P. Gilley Var.', W. F. Mann

C. hybrid:

Best Bloom: 'Spring Daze', W. F. Mann

Best Novice Bloom: 'Pink Diddy',

Priscilla Reinowski

NUMBER OF ACS MEMBERSHIPS

SOLD: None.

MARYLAND

Lutherville, February 24, 1996 (38th Annual)

Sponsor: Pioneer Camellia Society of Maryland

Number of Blooms Displayed: 226.

Attendance: 1000.

ACS OUTSTANDING BLOOM CERTIFICATES:

C. japonica:

Baltimore Area: 'Shiro Chan', Harry & Zenobia Kendig

Runner-up: 'Granada', Harry & Zenobia Kendig

General Area: 'Mrs. D. W. Davis',

Louis & Betty Daudt

Runner-up: 'Angel', Louis & Betty Daudt

C. reticulata:

Best Bloom: 'Valley Knudsen', Harry & Zenobia Kendig

Runner-up: 'Valentine Day', Harry & Zenobia Kendig

C. hybrid:

Best Bloom: 'Cinnamon Cindy', Burnett & Beatrice Petlet

Best White: 'Shiro Chan', Harry & Zenobia Kendig

ACS GOLD CERTIFICATES:

Baltimore Area: Harry & Zenobia Kendig

General Area: Louis & Betty Daudt

ACS SILVER CERTIFICATE:

Baltimore Area: Dr. Frederick Morsink

NUMBER OF ACS MEMBERSHIPS SOLD: Three.

NORTH CAROLINA

Burlington, March 9-10, 1996 (38th Annual)

Sponsor: Piedmont Camellia Club & Holly Hill Mall

Number of Blooms Displayed: 696.

ACS OUTSTANDING BLOOM CERTIFICATES:

Most Outstanding Bloom: 'Nuccio's Pink Lace',
Joe Austin

C. japonica: (In Open)

Very Large: 'Royal Velvet', Ed & Lou Powers

Large: 'Grand Slam', Ed & Lou Powers

Medium: 'Ville de Nantes', Bill & Molly Howell

Small: 'Les Marbury', D. M. Simon

Miniature: 'Grace Albritton', D. M. Simon

C. japonica: (Protected)

Very Large: 'Elegans Splendor', Joe Austin

Large: 'Vernon Mayo', Joe Austin

Medium: 'Lady Kay', Clara & Fred Hahn

Small: 'Dahlohnega', Bill & Molly Howell

Miniature: 'Tammia', Joe Austin

C. reticulata:

Best Bloom: 'Frank Houser Var.', Joe Austin

C. hybrid:

In Open: 'Dr. Zhivago', Ed & Lou Powers

Protected: 'Mona Jury', Sandra & John Penny

Best White, In Open: 'Frizzle White', Ed & Lou Powers

Best White, Protected: 'Ruffian', Joe Austin

Best Novice Bloom: 'Professor Sargent', Hardy Gibson

ACS GOLD CERTIFICATES:

In Open: Ed & Lou Powers

Protected: Joe Austin

ACS SILVER CERTIFICATES:

In Open: Bill & Molly Howell

Protected: Bill & Molly Howell

NUMBER OF ACS MEMBERSHIPS SOLD: None.

Fayetteville, March 2, 1996

Sponsor: Fayetteville Camellia Club

Number of Blooms Displayed: 1051. Attendance: 6000.

ACS OUTSTANDING BLOOM CERTIFICATES:

C. japonica: (In Open)

Very Large: 'Clark Hubbs', Parker Connor

Runner-up: 'Royal Velvet Var.', Parker Connor

Medium: 'Dixie Knight Supreme', Bill and Molly

Howell

Small: 'Black Tie', Parker Connor



C. japonica: (Protected)

Very Large: 'Deen Day Smith', Joe Austin

Medium: 'Ville de Nantes', Clara & Fred Hahn

Small: 'Little Susie', Clara & Fred Hahn

Miniature: 'Botan-Yuki', Annabelle & Lew Fetterman

C. reticulata:

Best Bloom: 'Curtain Call', Joe Austin

C. hybrid:

Best Bloom: 'Mona Jury Var.',

Sandra & John Penny

Best White: 'Silver Chalice', Pat & Jim Pinkerton

Best Novice Bloom: 'Rosea Plena', Johanna King

ACS GOLD CERTIFICATES:

In Open: Parker Connor

Protected: Joe Austin

ACS SILVER CERTIFICATES:

In Open: Lou & Ed Powers

Protected: Clara & Fred Hahn

NUMBER OF ACS MEMBERSHIPS SOLD: One.

Wilmington, February 24, 1996

Sponsor: Tidewater Camellia Club

Number of Blooms Displayed: 1187.

ACS OUTSTANDING BLOOM CERTIFICATES:

Most Outstanding Bloom: 'Graem Yates Var.', Pat & Jim Pinkerton

C. japonica: (In Open)

Large-Very Large: 'Marie Bracey Var.',

Bill & Molly Howell

Medium: 'Margaret Davis', Parker Connor

Small: 'Maroon and Gold Var.', Parker Connor

C. japonica: (Protected)

Large-Very Large: 'Elegans Supreme Var.',

Joe Austin

Medium: 'Cherries Jubilee Var.',

Clara & Fred Hahn

Small: 'Little Susie', Clara & Fred Hahn

C. reticulata:

Best Bloom: 'Tony's Joy Var.', Joe Austin

C. hybrid:

Best Bloom: 'Mona Jury Var.',

Sandra & John Penny

Best White, In Open: 'White Nun', Parker Connor

Best White Protected: 'Elegans Champagne',

Pat & Jim Pinkerton

Best Novice Bloom: 'Adolphe Audusson', Bea Spier

Best Miniature Bloom: 'Grace Albritton', Annabelle & Lew Fetterman

Best Seedling: #904, Dr. J. M. Habel

ACS GOLD CERTIFICATES:

In Open: Parker Connor

Protected: Annabelle & Lew Fetterman

ACS SILVER CERTIFICATES:

In Open: Ed & Lou Powers

Protected: Clara & Fred Hahn

NUMBER OF ACS MEMBERSHIPS SOLD: None.

OREGON

Portland, March 30-31, 1996 (55th Annual)

Sponsor: Oregon Camellia Society

Number of Blooms Displayed: 352. Attendance: 1000.

ACS OUTSTANDING BLOOM CERTIFICATES:

Most Outstanding Bloom: 'Wildfire',
Larry Landauer

C. japonica: (In Open)

Very Large: 'Guilio Nuccio

Var.', Pam & Lee Kolb

Large: 'Donckelarii', Jim Moon

Medium: 'Finlandia Var.', Larry

Landauer

Runner-up: 'Sawada's Dream',

Oscar Tinkle

Small: 'Satsuma Kirenai',

Garland & Grace Bayley

C. japonica: (Protected)

Very Large: 'Mrs. D. W. Davis',

Larry Landauer

Medium: 'Fred Sander',

Larry Landauer

Miniature: 'Tinsie',

Larry Landauer

C. reticulata:

Best Bloom: 'Valentine Day',

Pam & Lee Kolb

Runner-up: 'Dr. Clifford Parks',

Jim Moon

C. hybrid:

Best Bloom: 'Water Lily', Jim Moon

C. sasanqua:

Best Bloom: 'Roseaflora', Larry Landauer

ACS GOLD CERTIFICATE:

Won By: Jim Moon

ACS SILVER CERTIFICATE:

Won By: Oscar Tinkle

NUMBER OF ACS MEMBERSHIPS SOLD: Four.

VIRGINIA

Norfolk, March 23, 1996 (49th Annual)

Sponsor: Virginia Camellia Society

Number of Blooms Displayed: 501. Attendance: 150.

ACS OUTSTANDING BLOOM CERTIFICATES:

C. japonica: (In Open)

Large: 'Carter's Sunburst Pink', Ed & Lou Powers

Runner-up: 'Grand Slam', T. W. Gouldin

Medium: 'Spring Sonnet', A. Turner

Runner-up: 'Margaret Davis', Ed & Lou Powers

Small: 'Alison Leigh Woodroof', A. Turner

Runner-up: 'Pink Perfection', A. Schwarz-Miller

Miniature: 'Fircone Var.', James A. Henkel

Runner-up: 'Kitty', A. Turner

C. japonica: (Protected)

Large: 'Rosea Superba Var.', Dr. & Mrs. J. M. Habel

Runner-up: 'Reg Ragland Var.',

Dr. & Mrs. J. M. Habel

Medium: 'Jack's' (Sic.), Jim Barnes

Runner-up: 'Funny Face Betty',

Dr. & Mrs. J. M. Habel

C. reticulata:

Best Bloom: 'Jean Pursel', Dr. & Mrs. J. M. Habel

Runner-up: 'Curtain Call', Ira Hefner

C. hybrid:

Best Bloom: 'Charlean', Ira Hefner

Runner-up: 'Taylor's Perfection', Ed Minor

Best White: 'Nuccio's Gem', James A. Henkel

Best Seedling, Large: #106, Mel Stallings

Medium: #1421, Dr. J. M. Habel

Small: #109, Mel Stallings

Miniature: #2792, Dr. J. M. Habel

NUMBER OF ACS MEMBERSHIPS SOLD: None.

FROM THE DESK OF THE EXECUTIVE DIRECTOR

Although Summer doesn't officially begin until June 20, Middle Georgia got a head start in mid May. For two weeks temperatures soared in the high 80's and low 90's with very little rain. There has been an occasional scattered shower that is over in a matter of minutes. We have irrigated far more frequently than normal as the camellias have much new growth, the annuals and perennials beds are being established and need the moisture. There is more summer color than ever at Masee Lane and the camellias form the perfect backdrop for the new plantings. This has been an excellent year for the roses as well. The National Weather Service offers little hope for a moderate summer in this area. Masee Lane has caught the Olympic Spirit of '96. Since the Olympics will be in Atlanta in July, we have planted a lovely bed of annuals in front of the Fetterman Building featuring the 5 Olympic rings. It is truly a striking display and we have received many compliments.

If you are considering becoming a Life Member, NOW is the time to make that decision. Life membership is twenty times the annual dues. The 1997 dues will increase from \$20.00 single to \$25.00. Joint dues will be increased from \$22.50 to \$27.50. These changes were found necessary as we continue to have increase in costs in every area. The last dues increase was in 1991. We hope that you will understand the need. In order to take advantage of this opportunity, you should act now.

Plans are being finalized for the Camellia Festival in February 1997. Each year it gets better and better. Thanks to our Staff and Volunteers, we bring more individuals and tours to

Masee Lane for these events. It is a great opportunity to introduce camellias to many of our out-of-state visitors. Normally this is the peak of the camellias in bloom. Should the weather not be cooperative, we have outstanding blooms in the greenhouse. During this period, we have visitors from the mid-west and Canada en route to or from Florida who have never seen a camellia.

By the time you receive this Journal, our Summer Nature Camp will be a memory. The staff, under the direction of our horticulturist, Betty Hotchkiss, plans an excellent program for children that have completed grades 1-3. Each year, there is a different theme and this year it is based on "Trees". There are numerous "hands on" projects and many children attend all three years. With crowded school schedules, there is a great need for children to learn about nature and their environment.

The Fetterman Building is very heavily booked for weddings, receptions and other social functions until the Fall. I wish you could hear the fine compliments that we receive from our visitors concerning the grounds and the buildings. It would make you feel very proud to be a supporter of ACS. We have also had several weddings on the grounds and in the Rose Garden as well.

In a very few weeks, ACS and Masee Lane Gardens will be on the Internet. We have prepared several pages of text and pictures for this. Through the generosity of Peach Public Libraries, we have accomplished this without cost to the Society. We are most appreciative of their support. This will give us worldwide coverage.

If you have not made a pledge for the 50th Anniversary Fund, why not do it now. As you are aware, we receive no



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federal, state or local government money. You, the members, have made Masee Lane what it is today and you can certainly be proud of your accomplishments. Just read the comments in our guest book and you will know just how much our visitors enjoy what you have created. The 50th Anniversary Campaign is mainly to ensure that the ACS gardens at Masee Lane will be endowed for the future generations to enjoy.

Many thanks to the Camellia Societies that send their Newsletters and Publications to us. There are so many activities and projects sponsored by you to benefit your community and improve the quality of life for everyone. There seems to be more activities by clubs in the summer than there were in the 80's. If we can't show our blooms, we can certainly anticipate the coming camellia season. Support these summer meetings and if possible attend the Gulf Coast and Atlantic Coast Conventions. If you have never attended, you're in for a treat. Many come back year after year for the education and fellowship.

From all of us at Masee Lane, have a safe and happy summer.

Give a Gift of Membership

Share the Beauty of
Nature Expressed
in the Camellia Flower
by Giving a Gift
Membership in the
American Camellia
Society.

The American Camellia Society
is a non-profit, educational,
and scientific organization
devoted to the study and
promotion of the genus
Camellia. Your membership
helps us to support this mission.



Basic Membership

Provides the following benefits:

- Quarterly Issues of
The Camellia Journal
- 18-page booklet *Camellia
Culture for Beginners*
- Bound Copy of
*The American Camellia
Yearbook*
- Free admission to
Massee Lane Gardens
(Headquarters of the
American Camellia Society)
- Workshops, extensive
library, slide sets, fact sheets,
nursery information,
interesting conventions,
and other educational
opportunities.

Individual: \$20.⁰⁰

Joint: \$22.⁵⁰

Supporting Membership: Contributes to operating fund. *All funds over basic membership fee are tax deductible.*

Sustaining: \$40.⁰⁰

Annual Patron: \$100.⁰⁰

Life-Individual: \$400.⁰⁰

Joint: \$450.⁰⁰

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☐ Check payable to American Camellia Society in the Amount of \$ _____

☐ I wish to receive information about volunteer opportunities with ACS!

THANK YOU FOR YOUR SUPPORT!

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AMERICAN CAMELLIA SOCIETY
One Massee Lane
Fort Valley, Georgia 31030