

The *Camellia* Journal



Queen of Camellias Suzanne Plache Hautot and Consort David Alan Hart

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The *Camellia* Journal

WORLD'S LARGEST PUBLICATION DEVOTED TO THE GENUS CAMELLIA

Volume 36

Number 2

May, 1981



C. japonica 'Mrs. D. W. Davis Descanso'

'Mrs. D. W. Davis Descanso' is a sport of the well-known *C. japonica* 'Mrs. D. W. Davis', registered as ACS Reg. No. 244 in 1955. It was a chance seedling of 'Elizabeth Boardman' and was originated and originally propagated by D. W. Davis, Seffner, Florida; it first flowered in 1951. It is so internationally known that it is the "official flower" of the International Camellia Society. 'Mrs. D. W. Davis Descanso' was originated in 1970 as a sport at Descanso Gardens in California. It is not registered but is well-known in the trade. It is, as described by the *New Zealand Camellia Bulletin*, Vol. XI, No. 7, October-December 1980 "as essentially of the same blush pink colouring but its form is quite different, full peony form. Generally speaking, the flower is not as large as that of 'Mrs. D. W. Davis'. The sport originated at Descanso Gardens in California, but has occurred naturally quite frequently since." We have also observed that branches often revert back to the semidouble form of its "parent". (Photo: Yvonne Cave, F.P.S.N.Z., A.R.P.S. Separations: Courtesy of The New Zealand Camellia Society.)

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Volume 36

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TABLE OF CONTENTS

	Page
CAMELLIA STAMP TO BE ISSUED APRIL 23, 1981 AT FORT VALLEY	3rd Cover
PRESIDENT'S MESSAGE	2nd Cover
REVISIONS TO BOOK THREE APPOINTMENT OF NOVICE AND ACCREDITED JUDGES	2
AS DEZ VIRTUDES DA CAMELLIA—THE TEN VIRTUES OF THE CAMELLIA	3
CAMELLIA'S REPORT ON CHARLESTON CONVENTION, Sara B. Clark	4
A CAMELLIA FLASHBACK	4
A PRAYER IN LATE WINTER, Edna Mae Anderson	4
ADDITIONAL INTRODUCTIONS OF CAMELLIA RETICULATA CULTIVARS FROM YUNNAN TO CALIFORNIA, Bruce Bartholomew	5
SHOW REPORTS	6
CENTURY CLUB DONORS	9
SPECIAL FUND FOR RESEARCH GREENHOUSE	9
THE 1980 YEARBOOK A RATIONALE	10
HARDBACK YEARBOOK FOR 1981—??	10
LETTER TO THE EDITOR	10
SPECIAL GIFTS	11
HORTICULTURALLY SPEAKING . . . THE BASICS (By The Horticulture Committee)	12
NOVEL METHODS OF CAMELLIA PROPAGATION OF 2 TO 3 YEAR OLD CUTTINGS CONTAINING SEVERAL BRANCHES, Allison Maggiolo, Richard Bennett, Jr., and Kamala Manchigiah	15
CAMELLIA PETAL BLIGHT DISEASE IN TOYAMA PREFECTURE, JAPAN DURING EARLY 1980, Dr. Kenzo Iriyama Yamadamura, Nei Dist. Toyama Prefecture, Japan	17
A FRIEND OF MINE, Jay Bird	18
THE RESPONSE OF CUTTINGS OF CAMELLIA JAPONICA AND C. SASANQUA TO VARYING LEVELS OF BENOMYL, Luther W. Baxter, Jr., Susan G. Fagan, and Mary G. Owen	19
NOMINATIONS OF DIRECTORS OF THE ATLANTIC COAST TERRITORY	20
THE 1981-1982 ARTISTIC ARRANGEMENT CONTEST THEME: THE 'EXPRESSIVE' CAMELLIA, Marie W. Dahlen (Mrs. Paul A.), General Chairman . .	21
COMMITTEE ASSIGNMENTS 1981-1983	22
ANCIENT CAMELLIA TREE IN CHINA	23
THE CAMPAIGN FOR AMERICAN CAMELLIA SOCIETY ENDOWMENT FUND	23
IN MEMORIAM	24
MEMORIAL DONATIONS	24
CAMELLIAS REGISTERED WITH THE ACS SINCE THE FEBRUARY 1981 JOURNAL	25
CAMELLIAS, Fay Hautot	26
HIGHLIGHTS OF THE ACS MEETING IN CHARLESTON	28
FUTURE MEETINGS OF THE ACS	28
VIRGINIA CAMELLIA SOCIETY MAKES CONTRIBUTION TO ACS	28
FROM THE DESK OF THE EXECUTIVE SECRETARY/EDITOR	29
A CAMELLIA SOCIETY COOKBOOK	30
SHOW DATES	31
ADDENDUM TO MEMBERSHIP ROSTER—1980	32
THE REGISTRATION AND NAMING OF 'PINK JADE', Harold and Mary Paige	34
MRS. CHARLES NEWMAN, by Mrs. Sally J. Savage	35
CAMELLIA RETICULATA—A CORRECTION, T. Durrant	36
NEW JUDGES APPOINTED	36

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provided some financial support for camellia research. One area in which we are backsliding is that of increasing our membership. We manage to attract a sizeable number of new members each year, but not enough to offset those who die or elect not to rejoin. Thus, we have been hovering around 4500-5500 total members for several years. We need a concerted effort by each member to sign up one new member each year. In this way, we can grow and become better recognized nationally. All it takes is a little persuasive conversation with a friend! Please do it.

Several other items that we want to accomplish are touched upon briefly herein:

- A full-time horticulturist in residence at Masee Lane is needed to fully develop the potential existing in our gardens and greenhouses, and to conduct applied research in camellia culture.
- Efforts to update landscape architects on the desirable qualities of camellias, and to encourage them to use camellias in their designs need to be intensified.
- Continued research on die-back, petal blight, cold hardiness, fragrance and additional colors must be encouraged, supported and publicized.
- Nurserymen who have discontinued maintaining an inventory of reliable camellias for outdoor plantings need to be consulted to formulate a program that will again make these beautiful plants available for distribution to the public.

There are some of the things that I'd like to see started in the near future. Comments on these or other endeavors you feel are equally or more important will be appreciated. The issuance of a camellia stamp by the U. S. Postal Service, as discussed in this Journal, gives us national recognition. It behooves each of us to build upon this and provide the camellia the popularity it just deserves.

Sincerely,

R.C. Evans



Mrs. R. Arthur (Roselle) Bell of Cairo, GA and President-Elect of ACS Thomas C. Evans ring the old plantation bell in front of the plantation commissary to open the Camellia Show on November 8, 1980. The Show was dedicated to Mrs. Bell who is President of the 23,000-member Garden Club of Georgia, Inc.

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Revisions to Book Three Appointment of Novice and Accredited Judges

1. Omit (f) of Introductory paragraph.
2. The first paragraph of Section 2, Chapter I is to be changed to read:
"Any person who has been a member of ACS for at least two years may qualify for appointment as an Accredited Judge by complying with either of the following requirements."
3. Under Chapter I, Section 2, the first sentence of (a) is to be changed to read:
"By having served as a Novice Judge in at least five ACS Co-operative Shows during a period of not more than five years since his appointment."

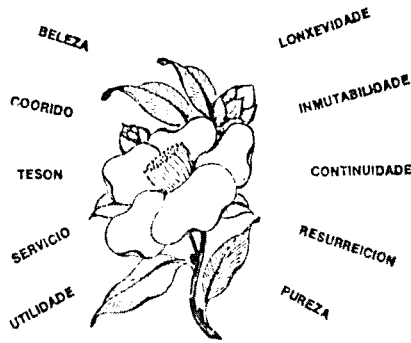
4. Under Chapter I, Section 2, (b) is being changed to read:

"By having served as a Novice Judge in at least two ACS Co-operative Shows during a period of not more than three years since his appointment, and by having satisfactorily passed the tests or examinations of a Judging School approved by the American Camellia Society and being recommended by such Judging School."

The Governing Board of the ACS at its meeting in Charleston, SC on November 20, 1980 approved the above recommendation of The Exhibitions and Awards Committee. Please make these changes in the article "Procedures and Judging of Co-operative Shows", pages 246 and 247 of *The American Camellia Yearbook-1978* and pages 17 and 18, *The Camellia Journal*, Vol. 33, No. 2, May, 1978. These changes take place immediately.

**Patronize
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AS DEZ VIRTUDES DA CAMELLIA — THE TEN VIRTUES OF THE CAMELLIA



AS DEZ VIRTUDES DA CAMELIA
THE TEN VIRTUES OF THE CAMELLIA
Anrakuan Sakuden
(1554-1642)
Version Galega De
Alvaro Cunheiro

LONXEVIDADE (Longevity)

In the past, it was thought that the camellia lived longer than any other shrub or tree and this was a virtue from Heaven.

CONTINUIDADE (Continuity)

The Camellia continues on in gardens and this love is the virtue of continuity.

INMUTABILIDADE (Immutability)

During the seasons, the leaves of the camellia always remain green, thus showing the virtue of immutability.

RESURREICION (Resurrection)

The camellia blooms in the spring even after a cold winter, and this is the virtue of revival.

PUREZA (Purity)

The white camellia symbolizes purity, and all the camellias should grow with it. This is the virtue of purity and tenderness.

BELEZA (Beauty)

The camellia manifests an immutable beauty in whatever place it grows during the time of foliation. This is the virtue of unchanging beauty.

COORIDO (Coloration)

The camellia offers the lively contrast of its green and shiny leaves with the red of its petals and yellow of its stamens, and this is the virtue of color variety.

TESSON (Erectness)

The camellia retains, throughout its entire life, the characteristics of an animated

and small tree full of leaves. This is the virtue of inflexibility.

SERVICIO (Service)

The camellia gives us its marvelous foliage when there are other plants in bloom. The leaves are used to make bouquets and also in religious ceremonies, and the little tree serves to decorate the background. This is the virtue of service.

UTILIDADE (Utility)

The camellia's wood above the roots is used to make carbon, which helps to cook and roast. From the seeds we obtain oil, which can be used for many things, such as to shampoo or soften the hair. This is the virtue of benefaction.

(Translation through courtesy of James G. Bamum.)

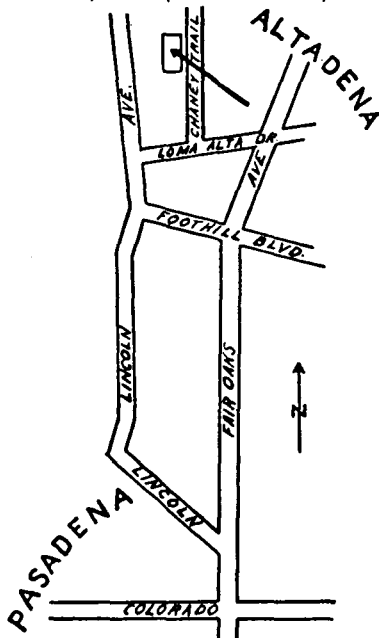
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AND AZALEAS SINCE 1935

Camellia's Report on Charleston Convention

SARA B. CLARK

My owner and I agree that the November Convention in Charleston was a huge success! Nothing went awry and all the activities turned out like a Blue-ribbon winner at a camellia show—purrrr-fact!

People came from far and near. They all came, they saw and they were conquered by the charm, hospitality, and beauty of Charleston.

I did not get to present a bloom in the show, because most of my blooms are still in tight bud; but many of my kin were in the show and some of them graced the banquet tables and several of the ladies' hair-dos.

A welcoming committee carrying large placards, as banners, with pictures of camellias on them met the guests. This act left an indelible image in the guests' memories of hospitality over and beyond the call of duty. The warmth of the greeting together with the "goodies" to eat and drink in the motel's hospitality room put a glow, if not an aura, around the heads of all the participants throughout the whole convention.

Early conventioners started arriving on Sunday and found varied ways to entertain themselves until the official opening of the convention on Wednesday. Anyone who gets bored visiting Charleston where there are so many sights to see and things to do would have to be "wacko"—totally un-camellia-lover-like, in other words.

I was so busy pushing on my tight buds, trying to get one to open for the show that I didn't get to attend the business and lecture sessions which started on Wednesday and continued through Thursday and Friday, culminating with the show on Saturday. There were 589 blooms in the show and, oh! my!, how lovely they all were! My heart pounds with pride to be kinfolk to such a grand bunch of beauties! The people involved in the

show were like their blooms, some short, some tall, some fat, some skinny, some fast, some slow; but all shining with the lustre that attracts ants and bees with the promise of nectar: just good, sweet folk with blooms to match!

My owner liked the "social" part of the convention. She takes flight sometimes like a bumblebee (that's what the initial "B" in her name means I guess). Anyway, she and her lifetime companion, W. R., with one of my blooms fastened precariously on her left shoulder, joined a horde of guests (there must have been 200 people!) at the Carolina Moon dinner on Friday and stuffed themselves on elegant food; and the moon did not fail us, either. It shone in all its splendor for the occasion. Of course, you know the hospitality and graciousness of the Hanckels is unsurpassed, and the Gullah Gal that was there was a riot that night! 'possum and all!

Then, on Saturday evening at the banquet in the motel headquarters, the jovial companionship of the conventioners was enchanting. Even the speeches emanating from the head table were not dull and long and boring. The food was as nearly perfect as food can be and my owner said she thought she gained a few pounds, feasting two nights in a row.

The convention in Charleston cannot be bested, no matter how many people came and brought their hearts from San Francisco and left them here.

YALL COME BACK AGAIN,
NOW, YA'HEAH!

—ACS—

A CAMELLIA FLASHBACK

Mr. Calder W. Payne of Macon, Georgia sent us an excerpt of a letter from Carolyn Berckmans Davis which we would like to pass on to you.

"You may not be aware of the fact my father, Robert Craig Berckmans, purchased in Germany the original camellia that we know as 'Pink Perfection'. It was propagated at Berckmans' Nurseries in Augusta, known as "Fruitlands" and now is the Augusta National Golf Club. Dad made cuttings from this Augusta camellia and one is on our cemetery lot. The other camellia on our lot is 'Prof. Sargent'. This camellia seedling was grown by Rev. Drayton, then owner of Magnolia Gardens, Charleston, S. C. Reverend Drayton and the Berckmans named the seedling for Prof. Charles S. Sargent, a mutual friend, and it was grown and propagated by the Berckmans at "Fruitlands". Prof. Sargent was a renowned botanist and author. Dad considered Sargent's book, "Manual of Trees of North America" the finest botanical book written."

—ACS—

A PRAYER IN LATE WINTER

EDNA MAE ANDERSON

There are camellias growing along our street.

Summer and fall I see their dark green leaves,

And in late winter I watch them blossom,
Pink and rose and deep, deep red,

Or sometimes variegated with golden centers.

For days or weeks they wear their aura of beauty,

And then, why then the blossoms fall.

They do not cling to the bush.

They do not turn brown or ugly,

They just fall.

So lovely are they in their death that

Sometimes I float them for a day or two

In a glass bowl,

Gift of a beloved friend of the past.

Dear God, let me live like the camellia,

Green leaves speaking of life eternal

Blossoms resplendent in beauty.

And, dear God, please let me die

Like the camellia, not cling,

Not grow sour with age,

Or leave this beautiful world

Tortured by guilt or pain.

Let me drop silently like the camellia

Knowing that I will bloom again

In the garden of eternity.

(EDITOR'S NOTE: Someone sent us this beautiful poem which we wish to share with you. It was obviously from a magazine, but I do not know which one as only the page and a beautiful color picture of a camellia bush in bloom was sent.)

Additional Introductions of *Camellia reticulata* cultivars from Yunnan to California

BRUCE BARTHOLOMEW

Botanical Garden, University of California, Berkeley

It is only since 1938 that we in the West have been aware that there is a great wealth of *Camellia reticulata* cultivars in Yunnan Province of China (Hu 1938), and only since 1950 that detailed information has been available about the major cultivars of this species (Yü 1950). With the work that has been done at the Kunming Botanical Garden of the Kunming Institute of Botany, during the past thirty years, we now know that there are one hundred five named cultivars of *C. reticulata* grown in Yunnan and as yet mostly unavailable in the West (Bao 1980, Yü and Bartholomew 1980).

During the past three years I have been gradually building up a collection of these Yunnan cultivars at the University of California Botanical Garden and have previously reported on twenty four cultivars obtained from the Kunming Botanical Garden (Bartholomew and Tse 1980). During 1980 I obtained an additional thirty-three cultivars from Professor Zhang Aoluo and his wife Professor Xia Lifang (Fig. 1).¹ These recently obtained *Camellia* cultivars are part of a continuing exchange of plants between the Kunming Botanical Garden and the University of California Botanical Garden at Berkeley. Seventeen of the cultivars were sent as scions from Kunming by airmail in January 1980, and the remaining sixteen were brought back with me from China after I visited Kunming in November 1980.²

The following is a review of the present status of the project to introduce the Yunnan cultivars of *C. reticulata* to the United States in relation to earlier introductions into the United States and the efforts of others to establish these cultivars outside of China. A list of the cultivars I have so far obtained from Kunming is given in Table 1.³

In the late 1940s Peer and Lammerts imported what were thought at the time to be twenty cultivars of *C. reticulata* (Lammerts 1950, 1952; Peer 1949, 1954) although it has been shown that some of these cultivars were misnamed or have been later distributed under the wrong names (Durrant 1967). Two of the cultivars, 'Hentiangao'⁴ and 'Zaotahong', were subsequently lost (Peer 1954) although they were later introduced directly from China to New Zealand (Durrant 1967) and Japan (Ikeda 1974, 1976). The following cultivars, imported by Peer and Lammerts, present no questions as to the correct identity: 'Dataohong', 'Dayinhong', 'Houye Diechi', 'Juban', 'Maye Yinhong', 'Mudan Cha',⁵ 'Songzilin' and

'Zipao'. The remaining ten cultivars are in one way or another involved in questions of correct identity. Durrant believed that what are grown in the West, from the Peer-Lammerts introductions, as 'Daguiye', 'Xiaoguiye' and 'Liuye Yinhong' are all 'Liuye Yinhong'. Those cultivars grown as 'Boazhu Cha' and 'Dali Cha' are thought to both be 'Dali Cha', and those grown as 'Shizitou', 'Zhangjia Cha' and 'Damanao' are all 'Damanao'. Durrant also believed that 'Professor Tsai' is synonymous to 'Yinhong Diechi'.⁶

The correct identity of 'Professor Tsai' still presents some difficulties. Peer (1954) listed both 'Professor Tsai' and 'Yinhong Diechi' as being in the original Peer-Lammerts introductions and reports that 'Professor Tsai' is an inter cultivar hybrid of *C. reticulata* made by Professor Tsai. However, 'Yinhong Diechi' was listed as a cultivar as early as 1920 (Fang 1920) so it cannot be the same as the hybrid made by Professor Tsai. It is possible that what was imported as an unnamed hybrid and named 'Professor Tsai' by Lammerts may have been lost and what was later distributed as 'Professor Tsai' was in fact 'Yinhong Diechi'. Durrant obtained 'Yinhong Diechi' from Yunnan and found it to be identical to plants grown in the U. S. as 'Professor Tsai' (Durrant 1967), but this does and not identify what was imported as an unnamed *C. reticulata* cultivar by Peer and Lammerts.

Durrant in New Zealand and, before his death, Ikeda in Japan have imported a number of *C. reticulata* cultivars from Kunming (Durrant

phylla Hu has now been determined to be synonymous with *C. reticulata* (Brown 1980). *C. heterophylla* was described from a cultivated plant (Hu 1937), and I learned from Zhang and Xia that this *Camellia* has been given the cultivar name 'Pumen Cha' after the locality where the two individuals of this cultivar grow. I was also told that the plant sent to Japan as *C. reticulata* 'Liuyetakeuiyeh' (Ikeda 1976) is synonymous with *C. reticulata* 'Xiguiye' which is the name that should be used.

³ I wish to thank members of the Northern California Camellia Society for supplying rootstock for grafting these cultivars and particularly Jack Osegueda who has done the grafting of all the newly arrived scions.

⁴ The nomenclature followed in this article is that of Yü and Bartholomew (1980).

⁵ There is an orthographic error in Yü and Bartholomew (1980) where the spelling *Moudan* is used for cultivars number 87, 88, 89, 90, 91, 92 and 93 rather than the correct spelling *Mudan*.

⁶ The previously used Chinese name for this cultivar was 'Maye Diechi', but the name 'Yinhong Diechi' has priority as noted by Yü and Bartholomew (1980).

¹ Professor Zhang is the director of the Kunming Botanical Garden and deputy director of the Kunming Institute of Botany, and Professor Xia is in charge of the *Camellia* research group of the Kunming Botanical Garden.

² While in Kunming I was able to obtain information to supplement the list of synonyms of cultivar names published by Yü and Bartholomew (1980). It has previously been reported that the species *C. hetero-*

1967; Ikeda 1974, 1976), and they have re-introduced some of the Peer-Lammerts introductions that are of questionable identity. Of this group of cultivars I have also obtained the following: 'Baozhu Cha', 'Daguiye', 'Dali Cha', 'Damanao', 'Liuye Yinhong', 'Shizitou', 'Xiaoguiye' and 'Yinhong Diechi'. Except for 'Professor Tsai' all the cultivars in question have now been re-introduced to the United States⁷ so that questions about the correct identities of some of the Peer-Lammerts introductions should now be possible to resolve.

With the *C. reticulata* cultivars recently established in Berkeley plus those already in the United States there is now a total of sixty-five of the one hundred five Yunnan cultivars growing in the United States. At present there are only seventy cultivars growing in the Kunming Botanical Garden. In the United States we now have all of those except: 'Duxin Dali Cha', 'Hongjinling', 'Huaye Baozhu', 'Jiuxin Zipao' and 'Liujiiao Hentiangao'. The remaining thirty-five cultivars are mostly growing as wild plants in the vicinity of Tengchong in extreme western Yunnan Province,⁸ and according to Zhang and Xia these are now being propagated near Tengchong and will later be established at the Kunming Botanical Garden.

Hopefully during the next few years it will be possible to obtain the remaining forty *C. reticulata* cultivars and to establish all one hundred five cultivars in both public and private gardens in the United States. It is certain that the exchange of camellias and other plants between the United States and the People's Republic of China will enrich the horticulture in both countries.

⁷ I have not obtained *C. reticulata* 'Zhangjia Cha', but this cultivar has been obtained from China by Durrant in New Zealand and introduced to the United States.

⁸ Since about 1966 the *Camellia* research group of the Kunming Botanical Garden has been inventorying the *C. reticulata* growing in the wild in the vicinity of Tengchong. Only those plants of particular horticultural merit have been given cultivar names.

TABLE I

Camellia reticulata cultivars obtained from the Kunming Botanical Garden in 1979 (*) and 1980 with an indication of those previously introduced successfully directly from China to the United States (Peer 1954), New Zealand (Durrant 1967) and Japan (Ikeda 1974, 1976).

Cultivar Name	Previous successful introduction outside of China		
	United States	New Zealand	Japan
'Baoshihua'			
'Baoyuhong'			
'Baozhu Cha'	1948?		
'Daguiye' *	1948?		1974
'Dahongpao'			
'Dali Cha'	1948		
'Dali Diechi' *			
'Damanao'	1948		
'Dandahong' *			
'Dingxianghong'			
'Duxin Diechi'			
'Fengshan Cha'			
'Fenhong Diechi'			1976
'Fenhudie'			
'Guiye Yanghong'			
'Heding Cha'			
'Hentiangao' *		1964	1974
'Hongwan Cha'			1974
'Hongxia'			
'Jianye Yinhong'			
'Jing'an Cha' *			
'Jinpaohong' *			
'Jinrui Furong' *			
'Jinxin Baozhu' *			
'Kunmingchun' *			1976
'Liangye Yinhong'			
'Lianrui'			
'Liuye Yinhong'	1948		
'Luanye Yinhong' *			
'Manao Juban'			1976
'Manao Zipao'			
'Maye Taohong' *			
'Maye Yinhong'	1948	1964	
'Meihong Guiye' *			1974
'Mudan Cha' *	1948		1964
'Pingban Dali Cha' *			1976
'Qingkou'			
'Saijuban'			
'Saimudan' *			
'Saitaohong' *			
'Shizitou'	1948?		1974
'Songzike' *			1974
'Tongzimian'			
'Xiaoguiye'	1948?	1964	1974
'Xiaoye Mudan' *			
'Xiaoyulan'			
'Xiguiye' *			1974
'Yinfen Mudan'			
'Yingchunhong' *			1974
'Yinhong Diechi'	1948	1964	
'Yipinhong' *			1976
'Yudaihong' *			
'Yulan Cha'			
'Zaomudan' *		1964	
'Zaotaohong'		1964	1973
'Zhusha Zipao'			
'Zuijiaohong' *			

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—ACS—

Show Reports

(Reports of ACS Cooperative Shows. In each report the word *C. reticulata* includes those hybrids with *C. reticulata* parentage. Also, in each case the *C. hybrid* means all those hybrids with other than reticulata parentage. *C. sasanqua* includes related species). (Reports of shows received at ACS Headquarters after January 31, 1981 will be in the August issue.)

ALABAMA

GREENVILLE, November 15-16, 1980
(4th Annual)

Sponsor: Greenville Camellia Society

Number Blooms Displayed: 1,042. Attendance: 1,000

Most Outstanding Bloom: 'Elegans Supreme'

ACS Outstanding Bloom Certificates:

C. japonica: (In Open)

Large: 'Oh Boy', Mr. & Mrs. R. D. Hicks

Medium: 'Ella Ward Parsons', Ralph Davidson

Small: 'Black Heart', Dr. T. E. Lundy

Miniature: 'Man Size', Mr. & Mrs. R. D. Hicks

C. japonica: (Under Glass)

Best Bloom: 'Elegans Supreme', Robert Hill

Runner-up: 'Mary Alice Cox', John Terry

C. reticulata:

Best Bloom: 'Galaxie', Jessie Barfield

C. hybrid:

Best Bloom: 'Valley Knudsen', R. A. Sansing

ACS GOLD CERTIFICATES:

In Open: Paul Langford

Under Glass: T. E. Lundy

ACS SILVER CERTIFICATES:

In Open: Robert Hendrick

Under Glass: B. Griggs

ACS Outstanding Arrangement Certificates:

Tri-Color: Mrs. Gene Anthony

Creativity: Mrs. J. G. Hendrick

Number of ACS Memberships Sold: 10.

FLORIDA

GAINESVILLE, December 13-14, 1980

Sponsor: First Florida Savings & Loan and Gainesville Camellia Society

Number Blooms Displayed: 1,364. Attendance: 1000+

ACS Outstanding Bloom Certificates:

C. japonica: (In Open)

5" or Over, Treated: 'Tomorrow Var.', C. N. Carter

Under 5", Treated: 'Mrs. D. W. Davis', C. N. Carter

4" or Over, Untreated: 'Mathotiana Supreme', Tom Shaddick

Under 4", Untreated: 'Doris Ellis', Mrs. Al Watson

C. japonica: (Under Glass)

5" or Over: 'Mathotiana Suprem Var.', Marshall H. Rhyne

Under 5": 'Melinda Hackett', Hulyn Smith

C. reticulata:

In Open: 'Dr. Clifford Parks', Dr. & Mrs. W. F. Mathis

Under Glass: 'Hulyn Smith', Hulyn Smith

C. hybrid:

In Open: 'Julie', Albert M. Laessle

Under Glass: 'Gay Time', Mr. & Mrs. S. H. Hackney

C. sasanqua (And Related Species)

Best Bloom: 'Star Above Star', O. L. Jacobson

ACS GOLD CERTIFICATE:

R. T. Adams

ACS SILVER CERTIFICATE:

Mr. & Mrs. Bob Gramlin

Number of ACS Memberships Sold: One.

JACKSONVILLE, December 6-7, 1980 (19th Annual)

Sponsor: The Camellia Society of North Florida

Number Blooms Displayed: 1,055.

Most Outstanding Bloom: 'Dr. Clifford Parks'

ACS Outstanding Bloom Certificates:

C. japonica: (In Open)

Large-Very Large, Untreated: 'Emmett Barnes', J. R. Tillman, Jr.

Small-Medium, Untreated: 'Nuccio's Gem', M. S. Edwards

Large-Very Large, Treated: 'Miss Charleston Var.', Mrs. Sara Oliver

Small-Medium, Treated: 'Magnoliaeflora', Mr. & Mrs. W. T. Shepherd

C. japonica: (Under Glass)

Large-Very Large: 'Tomorrow's Dawn', Mr. & Mrs. L. M. Fetterman

Small-Medium: 'Margaret Davis', Dr. Olin Owens

Miniature: 'Man Size', R. T. Adams

C. reticulata:

In Open: 'Valentine Day', W. M. Harling, Jr.

Under Glass: 'Dr. Clifford Parks', Hulyn Smith

C. hybrid:

In Open: 'Charlean Var.', R. T. Adams

ACS GOLD CERTIFICATES:

In Open: R. T. Adams

Under Glass: Mr. & Mrs. L. M. Fetterman

ACS SILVER CERTIFICATES:

In Open: O. L. Jacobson

Under Glass: Jack Teague

Best White: 'Swan Lake', Mr & Mrs. L. M. Fetterman

Best Seedling: *C. reticulata* EK-4, Hulyn Smith

Number of ACS Memberships Sold: Six.

PANAMA CITY, January 3-4, 1981 (23rd Annual)

Sponsor: Camellia Society of Panama City

Number Blooms Displayed: 2,890. Attendance: 3,575.



Professors Zhang Aoluo and Xia Lifang next to a seedling of *Camellia reticulata* 'Liuye Yinhong' at Heilong Park near Kunming.

Most Outstanding Bloom: 'Tomorrow Var.'

ACS Outstanding Bloom Certificates:

C. japonica: (In Open)

Large: 'Tomorrow Var.', Robert A. Hill

Medium: 'Betty Sheffield', John K. Edwards, Jr.

Small: 'Little Babe', John W. Terry

Miniature: 'Grace Albritton', W. Y. Bennett

C. japonica: (Under Glass)

Large: 'Lady Laura', Mr. & Mrs. C. C. Crutcher

Medium: 'Evelyn Poe Blush', Mr. & Mrs. C. C. Crutcher

Small: 'Ave Maria', Mr. & Mrs. R. D. Hicks

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

C. reticulata:

In Open: 'Dr. Clifford Parks', Robert A. Hill

Under Glass: 'Harold L. Paige', Mr. & Mrs. C. C. Crutcher

C. hybrid:

In Open: 'Galaxie Var.', Mr. & Mrs. Bob Gramling

Under Glass: 'Debbie', Dr. & Mrs. H. L. Berridge

ACS GOLD CERTIFICATES:

In Open: Mr. & Mrs. Bob Gramling

Under Glass: Mr. & Mrs. C. C. Crutcher

ACS SILVER CERTIFICATES:

In Open: C. N. Carter

Under Glass: Dr. & Mrs. H. L. Berridge

Number of ACS Memberships Sold: Four.

PENSACOLA, January 10-11, 1981 (39th Annual)

Sponsor: Men's Camellia Club, Inc.

Number Blooms Displayed: 1,339. Attendance: 5,000.

ACS Outstanding Bloom Certificates:

C. japonica: (In Open)

Large-Very Large: 'Tomorrow Var.', Mr. & Mrs. Bob Gramling

Medium: 'Dixie Knight', Barbara Mills

Small: 'Buddy', Dr. A. E. Johnson

Miniature: 'Grace Albritton', O. J. Faircloth

C. japonica: (Under Glass)

Large-Very Large: 'Carter's Sunburst Pink', James Smelley

Medium: 'Feathery Touch', C. C. Crutcher

Small: 'Little Ginger', C. C. Bush

Miniature: 'Cinnamon Cindy', R. D. Hicks

C. reticulata:

In Open, Large-Very Large: 'Valentine Day', Mr. & Mrs. Bob Gramling

In Open, Medium: 'Black Lace Var.', Mr. & Mrs. Bob Gramling

Under Glass: 'Valentine Day', James Smelley

C. hybrid:

In Open: 'Galaxie', Mr. & Mrs. Bob Gramling

Under Glass: 'Julie Var.', James Smelley

ACS GOLD CERTIFICATES:

In Open: Mr. & Mrs. Bob Gramling

Under Glass: C. C. Crutcher

ACS SILVER CERTIFICATES:

In Open: John Geiser

Under Glass: Walter M. Creighton

Number of ACS Memberships Sold: Three.

TALLAHASSEE, December 6-7, 1981

Sponsor: Tallahassee Camellia Society

Number of Blooms Displayed: 550. Attendance: 14,000.

Most Outstanding Bloom:

In Open: 'Carter's Sunburst', C. N. Carter

Under Glass: 'Tomorrow's Dawn', Mr. & Mrs. R. D. Hicks
 ACS Outstanding Bloom Certificates:
C. japonica: (In Open)
 Large-Very Large: 'Tomorrow Park Hill', C. N. Carter
 Medium: 'Fran Mathis', C. N. Carter
 Small: 'Kitty', Jesse T. Barfield
 Miniature: 'Pearl's Pet', C. N. Carter
C. japonica: (Under Glass)
 Large-Very Large: 'Rena Swick', Mr. & Mrs. R. D. Hicks
 Medium: 'Pink Pagoda', Howard Dumas
 Small: 'Hishi-Karaito', Mr. & Mrs. R. D. Hicks
 Miniature: 'Man Size', Mr. & Mrs. R. D. Hicks
C. reticulata:
 In Open: 'Diamond Head', Jesse T. Barfield
 Under Glass: 'Miss Tulare', Howard Dumas
C. hybrid:
 In Open: 'Galaxie', Jesse T. Barfield
 ACS GOLD CERTIFICATES:
 In Open: C. N. Carter
 Under Glass: Mr. & Mrs. Bob Gramling
 ACS SILVER CERTIFICATES:
 In Open: Mr. & Mrs. Bob Gramling
 Under Glass: Howard Dumas
 Best White, In Open: 'Mrs. Hooper Connell', Jesse T. Barfield
 Best White, Under Glass: 'Fifth Avenue', Mr. & Mrs. R. D. Hicks
 Best Seedling: Gramling No. 13, Mr. & Mrs. Bob Gramling
 Number of ACS Memberships Sold: None.

GEORGIA

ALBANY, December 6-7, 1980 (7th Annual)
 Sponsor: Albany Men's Garden Club
 Number Blooms Displayed: 400. Attendance: 45-50,000.
 Most Outstanding Bloom: 'Betty Sheffield Supreme', Frank Jamison
 ACS Outstanding Bloom Certificates:
C. japonica:
 Best Bloom: 'Betty Sheffield Supreme', Frank Jamison
C. reticulata:
 Best Bloom: 'Terrell Weaver', Marvin Jernigan
C. hybrid:
 Best Bloom: 'Anticipation', W. F. Freshwater
 ACS GOLD CERTIFICATE:
 Dr. Daniel E. Nathan
 ACS SILVER CERTIFICATE:
 Dr. & Mrs. W. F. Mathis
 Best White: 'Rufian', Dr. Daniel E. Nathan
 Best Seedling: Homeyer's No. 226, Marvin Jernigan
 Number of ACS Memberships Sold: None.

AUGUSTA, January 10-11, 1981 (23rd Annual)
 Sponsor: Augusta Camellia Society and Augusta Council of Garden Clubs
 Number Blooms Displayed: 404. Attendance: 300.
 Most Outstanding Bloom: 'Cameron Cooper', Mr. & Mrs. W. C. Robertson
 ACS Outstanding Bloom Certificates:
C. japonica:
 In Open: 'Melinda Hackett', Mr. & Mrs. G. R. Dubus
 Under Glass: 'Tomorrow Park Hill', Mr. & Mrs. Stanley H. Holtzclaw
 Under Glass, Chemically Treated: 'Grace Albritton', Mrs. W. Laughlin
C. reticulata:
 Best Bloom: 'Lasca Beauty', Mr. & Mrs. Oliver Mizzell
C. hybrid:
 Best Bloom: 'Elsie Jury', C. T. Freeman
 ACS GOLD CERTIFICATES:
 In Open: Mr. & Mrs. G. R. Dubus
 Under Glass: Mr. & Mrs. L. M. Fetterman
 ACS SILVER CERTIFICATES:
 In Open: Stephen K. Myers
 Under Glass: Mr. & Mrs. W. C. Robertson
 ACS Provisional Commended Seedling Certificate:
 For *C. japonica*—Seedling No. 1,
 Mr. & Mrs. M. F. Miller
 ACS Outstanding Arrangement Certificates:
 Tri-Color: Mrs. John Harlan & Mrs. Thomas Hanson
 Creativity: Mrs. Henry Perry
 Number of ACS Memberships Sold: Four.

FORT VALLEY, November 8-9, 1980 (8th Annual)
 Sponsor: Middle Georgia Camellia Society
 Number Blooms Displayed: 860. Attendance: 2,000+.
 Most Outstanding Bloom: 'Tomorrow Park Hill', Mr. & Mrs. L. M. Fetterman
 ACS Outstanding Bloom Certificates:
C. japonica: (In Open)
 Large-Very Large: 'Charlie Bettes', George R. Tyson
 Medium: 'Marie Bracey', Willard Everett, Jr.
 Small: 'Kitty', Dr. & Mrs. W. F. Mathis
 Miniature: 'Fircone', C. T. Freeman
C. japonica: (Under Glass)
 Large-Very Large: 'Betty Sheffield Supreme', F. N. Bush
 Medium: 'Harriet Bisbee', Howard Dumas

C. reticulata:
 In Open: 'Dr. Clifford Parks', Mr. & Mrs. F. N. Bush
 Under Glass: 'Lila Naff', Mr. & Mrs. Oliver Mizzell
C. hybrid:
 In Open: 'Charlean', Howard Dumas
 Under Glass: 'Elsie Jury', Mr. & Mrs. Oliver Mizzell
C. sasanqua:
 Best Bloom: 'Nannette', Mrs. L. V. Teeter
 ACS GOLD CERTIFICATE:
 Mr. & Mrs. R. B. Gramling
 ACS SILVER CERTIFICATE:
 Mr. & Mrs. J. A. Timmerman
 ACS Outstanding Arrangement Certificates:
 Tri-Color: Mrs. Earl E. Noll
 Creativity: Sharon Cox
 Number of ACS Memberships Sold: Seventeen plus one Life.

LOUISIANA

SHREVEPORT, November 8-9, 1980
 Sponsor: Shreveport Camellia Society
 ACS Outstanding Bloom Certificates:
C. japonica: (In Open)
 Large-Very Large: 'Christmas Beauty', Mr. & Mrs. G. F. Abendroth
 Runner-up: 'Tiffany', Mr. & Mrs. G. F. Abendroth
 Medium-Large: 'China Doll', Wm. M. Plaster
 Runner-up: 'Mrs. Goodwin Knight', G. F. Abendroth
 Medium: 'Morning Glow', Mr. & Mrs. Woodrow Hathorn
 Small: 'Kiku-Toji', Gene King
 Miniature: 'Fircone', Mr. & Mrs. Woodrow Hathorn
C. japonica: (Under Glass)
 Large-Very Large: 'Tomorrow Park Hill Pink', Mr. & Mrs. Roy Stringfellow
 Runner-up: 'Mathotiana Supreme Var.', Mr. & Mrs. Clyde Copeland
 Medium-Large: 'Berenice Beauty', O. E. McAllister
 Runner-up: 'Daikagura', Wallace Herbert
 Medium: 'Nuccio's Gem', Mr. & Mrs. G. F. Abendroth
 Small: 'Little Ginger', Mr. & Mrs. R. M. Whitfield
 Miniature: 'Fircone', David S. Rubin
C. reticulata:
 Best Bloom: 'Dr. Clifford Parks', Mr. & Mrs. G. F. Abendroth
C. hybrid:
 Large-Very Large: 'Julie', Mr. & Mrs. G. F. Abendroth
 Miniature-Medium Large: 'Gay Time', W. F. Mann
 Best White, In Open: 'Joshua E. Youtz', Mr. & Mrs. Woodrow Hathorn
 Best White, Under Glass: 'Lucy Stewart', Mr. & Mrs. Clyde Copeland
 Best Seedling: (japonica) Mr. & Mrs. C. F. Abendroth
 Number of ACS Memberships Sold: None.

MISSISSIPPI

BROOKHAVEN, November 22-23, 1980 (19th Annual)
 Sponsor: Brookhaven Camellia Society
 Number Blooms Displayed: 328. Attendance: 406.
 ACS Outstanding Bloom Certificates:
C. japonica: (In Open)
 Large-Very Large: 'Betty Sheffield Supreme', F. F. Becker, II
 Medium: 'Brushfield's Yellow', F. F. Becker, II
 Small: 'Daisy Eagleson', Mrs. Janet Torres
 Miniature: 'Shikibu', T. H. Perkins, III
C. japonica: (Under Glass)
 Large-Very Large: 'Chow's Han-Ling', Bagby Hall
 Medium: 'Margaret Davis', Bagby Hall
 Miniature: 'Dryade', Walter Dunn
C. reticulata:
 Best Bloom: 'Valentine Day', W. F. LaRose
 Runner-up: 'Valley Knudsen', W. F. LaRose
C. hybrid:
 Best Bloom: 'El Dorado', F. F. Becker, II
 Runner-up: 'Dream Boat', T. H. Perkins, III
 ACS GOLD CERTIFICATE:
 C. V. Bozeman
 Number of ACS Memberships Sold: Two.
 GULFPORT, November 22-23, 1980 (29th Annual)
 Sponsor: Gulfport Area Camellia Society, Inc.
 Number Blooms Displayed: 829.
 ACS Outstanding Bloom Certificates:
C. japonica:
 Large-Very Large: 'Tomorrow Var.', Robert A. Hill
 Runner-up: 'Pirates Gold', Robert A. Hill
 Medium: 'Margaret Davis', John M. Davy
 Runner-up: 'Magic City', John Terry
 Small: 'Kiku-Toji', Ida Merriweather
 Runner-up: 'Buddy', T. E. Lundy
 Miniature: 'Baby Sargent', T. E. Lundy
 Runner-up: 'Man Size', T. E. Lundy

C. reticulata:
 Best Bloom: 'Valentine Day', John Terry
C. hybrid:
 Best Bloom: 'Dream Boat', Robert Griggs
 ACS GOLD CERTIFICATE:
 T. E. Lundy
 ACS SILVER CERTIFICATE:
 John W. Terry
 ACS Outstanding Arrangement Certificates:
 Tri-Color: Sally Romero
 Creativity: Myrtis L. Franke
 Number of ACS Memberships Sold: None

NORTH CAROLINA

WILMINGTON, November 15, 1980
 Sponsor: Tidewater Camellia Club
 Number Blooms Displayed: 315.
 ACS Outstanding Bloom Certificates:
C. japonica:
 In Open: 'Tiffany', Mr. & Mrs. Bill Howell
 Under Glass: 'Easter Mom Var.', Marshall H. Rhyne
C. reticulata:
 Best Bloom: 'Dr. Clifford Parks Var.', Ernest Aycock
C. hybrid:
 Best Bloom: 'Anticipation', Mr. & Mrs. Jack Teague
 Best White, In Open: 'Campari White Sport', Mr. & Mrs. Bill Howell
 Best White, Under Glass: 'Helen Christian', Mr. & Mrs. L. M. Fetterman
 Best Miniature: 'Baby Sargent', Joe Scannell
 Best Seedling: Mr. & Mrs. J. K. Blanchard
 Number of ACS Memberships Sold: None.

SOUTH CAROLINA

AIKEN, January 17-18, 1981
 Sponsor: Aiken Camellia Club
 Number Blooms Displayed: 503. Attendance: 1,675.
 Most Outstanding Bloom: 'Aztec', C. T. Freeman
 ACS Outstanding Bloom Certificates:
C. japonica:
 In Open: 'Carter's Sunburst Pink Var.', Mrs. H. C. Scott
 Under Glass, Large-Very Large: 'Snowman', Mrs. J. C. Bickley
 Under Glass, Small-Medium: 'Ella Ward Parsons', Fred Hahn
C. reticulata:
 Best Bloom: 'Pharoah', Oliver Mizzell
C. hybrid:
 Best Bloom: 'Charlean Var.', Mr. & Mrs. W. C. Robertson
 ACS GOLD CERTIFICATE:
 Mr. & Mrs. J. K. Blanchard
 ACS SILVER CERTIFICATE:
 Mr. & Mrs. L. M. Fetterman
 ACS Outstanding Arrangement Certificates:
 Tri-Color: Barbara Scott and Bebe Woodward
 Creativity: Betty Foreman and Kathryn Guyton
 Best White: 'Seafoam', Mr. & Mrs. Charles Hendrix
 Best Seedling: 65-3, Louise Hairston
 Best Miniature: 'Fircone Var.', Mr. & Mrs. F. N. Bush
 Number of ACS Memberships Sold: Eleven
 CHARLESTON, November 22-23, 1980 (17th Annual)
 Sponsor: First Federal Savings & Loan & Coastal Carolina Camellia Society
 Number Blooms Displayed: 600. Attendance: 850.
 ACS Outstanding Bloom Certificates:
C. japonica:
 In Open: 'Miss Charleston Var.', Lloyd M. Benjamin
 Runner-up: 'Woodville Red', Mr. & Mrs. G. R. Dubus
 Under Glass: 'Tomorrow Park Hill', Mr. & Mrs. Oliver Mizzell
 Runner-up: 'Betty Sheffield Supreme', Mr. & Mrs. Oliver Mizzell
C. reticulata:
 Best Bloom: 'Dr. Clifford Parks Var.', Hulyn Smith
 Runner-up: 'Hulyn Smith', Hulyn Smith
 ACS GOLD CERTIFICATES:
 In Open: Mrs. H. C. Scott
 Under Glass: Mr. & Mrs. L. M. Fetterman
 ACS SILVER CERTIFICATES:
 In Open: J. R. Comber
 Under Glass: Mr. & Mrs. Jack Teague
 ACS Provisional Commended Seedling Certificate:
 For *C. japonica* 0-12, Mr. & Mrs. G. F. Abendroth
 Number of ACS Memberships Sold: None.
 COLUMBIA, October 24-25, 1980
 Sponsor: South Carolina State Fair and Mid-Carolina Camellia Society
 Number Blooms Displayed: 500. Attendance: 12,500.
 ACS Outstanding Bloom Certificates:
C. japonica: (In Open)
 5" and Over: 'Easter Mom', Mr. & Mrs. G. R. Dubus
 Runner-up: 'Kick Off', Mr. & Mrs. Bill Shepherd

Under 5": 'Debutante', Mrs. H. C. Scott
 Runner-up: 'Marchioness of Exeter', Dr. & Mrs. Herbert Racoff
C. japonica: (Under Glass)
 5" and Over: 'Charlie Bettes', Mr. & Mrs. Oliver Mizzell
 Runner-up: 'Tiffany', C. T. Freeman
 Under 5": 'Campan', John T. Newsome
 Runner-up: 'Doris Ellis', Mr. & Mrs. Oliver Mizzell
C. reticulata:
 Best Bloom: 'Dr. Clifford Parks Var.', Mr. & Mrs. L. M. Fetterman
C. hybrid:
 Best Bloom: 'Elsie Jury Var.', Mr. & Mrs. Oliver Mizzell
 ACS GOLD CERTIFICATES:
 In Open: Mr. & Mrs. J. A. Timmerman
 Under Glass: Mr. & Mrs. J. K. Blanchard
 ACS SILVER CERTIFICATES:
 In Open: Mrs. H. C. Scott
 Under Glass: Mr. & Mrs. F. N. Bush
 Best White, In Open: 'Joshua E. Youtz', Mr. & Mrs. G. R. Dubus
 Best White, Under Glass: 'Charlie Bettes', Mr. & Mrs. Oliver Mizzell
 Best Miniature, Under Glass: 'Fircone Var.', Mr. & Mrs. F. N. Bush
 Number of ACS Memberships Sold: None.

GREENWOOD, November 1, 1980 (4th Annual)
 Sponsor: West Carolina Camellia Society
 Number Blooms Displayed: 320. Attendance: 15,000.
 Most Outstanding Bloom: 'William Jackson Var.', C. T. Freeman
 ACS Outstanding Bloom Certificates:
C. japonica:
 In Open: 'Betty Sheffield Supreme', Mrs. H. C. Scott
 Runner-up: 'Kick Off', William A. Gardner
 Under Glass: 'Charlie Bettes', Mr. & Mrs. Charles Hendrix
 Runner-up: 'Mathotiana Supreme Var.', Mr. & Mrs. J. K. Blanchard
C. reticulata:
 Best Bloom: 'Charlean' (sic), W. C. Robinson
 Runner-up: 'Lila Naff', Mr. & Mrs. Oliver Mizzell
C. sasanqua: (And Related Species)
 Best Bloom: 'Showa-No-Sakae', Mrs. R. W. Hart
 Runner-up: 'Jean May', Mrs. H. C. Scott
 ACS GOLD CERTIFICATES:
 Under Glass: Mr. & Mrs. J. A. Timmerman
 Under Glass: Mr. & Mrs. J. K. Blanchard
 ACS SILVER CERTIFICATES:
 In Open: Mrs. H. C. Scott
 Under Glass: Mr. & Mrs. J. A. Timmerman
 For *C. japonica* No. 1005, Mr. & Mrs. J. K. Blanchard
 ACS Provisional Commended Seedling Certificate:
 Best Miniature, In Open: 'Fircone Var.', C. T. Freeman
 Best Miniature, Under Glass: 'Mini Pink', Mr. & Mrs. J. K. Blanchard
 Number of ACS Memberships Sold: None.

TEXAS

CONROE, January 3-4, 1981
 Sponsor: Couthatta Camellia Society
 Number Blooms Displayed: 742. Attendance: 600.
 ACS Outstanding Bloom Certificates:
C. japonica: (In Open)
 Large-Very Large: 'Helen Bower Var.', Dudley Boudreaux
 Medium-Large: 'Betty Sheffield', Emil Carroll
 Small: 'Pink Perfection', Mr. & Mrs. Greg Davis
 Miniature: 'Hopkin's Pink', Mr. & Mrs. Greg Davis

C. japonica: (Under Glass)
 Large-Very Large: 'Tomorrow's Dawn's Bessie', Bill O'Rourke
 Medium-Large: 'Emmett Pfingstl', David Rubin
 Small: 'Pink Perfection', Charles Malone
 Miniature: 'Little Red Riding Hood', Charles Zagst
C. reticulata:
 In Open: 'Anticipation', Alfus Johnson
 Under Glass: 'Lasca Beauty', Bill O'Rourke
C. hybrid:
 In Open: 'Valley Kundsens', Dudley Boudreaux
 Under Glass: 'Debbie', Emil Carroll
 ACS GOLD CERTIFICATES:
 In Open: Mr. & Mrs. Greg Davis
 Under Glass: Bill O'Rourke
 ACS SILVER CERTIFICATES:
 In Open: Mr. & Mrs. H. Showalter
 Under Glass: Charles Zagst
 For *C. japonica* 'Justine Carroll', Emil Carroll
 ACS Provisional Commended Seedling Certificate:
 Number of ACS Memberships Sold: None.

HOUSTON, December 13-14, 1980
 Sponsor: Houston Camellia Society
 Number Blooms Displayed: 825. Attendance: 300.
 ACS Outstanding Bloom Certificates:
C. japonica: (In Open)
 Large-Very Large: 'Tiffany', Mr. & Mrs. G. F. Abendroth
 Runner-up: 'Christmas Beauty', Mr. & Mrs. G. F. Abendroth
 Medium: 'Debutante', Mr. & Mrs. A. O. Johnson
 Runner-up: 'Sawada's Dream', Mr. & Mrs. Greg Davis
 Small: 'Ave Maria', Mr. & Mrs. Greg Davis
 Miniature: 'Mini-Pep', Mr. & Mrs. H. S. Stone
C. japonica: (Under Glass)
 Large-Very Large: 'Tomorrow', David Rubin
 Runner-up: 'Tomorrow Var.', Mr. & Mrs. Roy Stringfellow
 Medium: 'Alta Gavin', W. E. Worley
 Small: 'Little Ginger', Mr. & Mrs. Roy Stringfellow
 Miniature: 'Jane Eagleson Var.', Milton Surles
C. reticulata:
 In Open: 'Lila Naff', Ernie Hodgeson
 Under Glass: 'Jean Pursell', Mr. & Mrs. Roy Stringfellow
C. hybrid:
 Best Bloom: 'Elsie Jury', Mr. & Mrs. Roy Stringfellow
C. sasanqua:
 Best Bloom: 'Shishi-Gashira', Mr. & Mrs. Charles Nadeau
 ACS GOLD CERTIFICATES:
 In Open: Mr. & Mrs. H. S. Stone
 Under Glass: Mr. & Mrs. Roy Stringfellow
 ACS SILVER CERTIFICATES:
 In Open: Mr. & Mrs. Greg Davis
 Under Glass: David Rubin
 ACS Provisional Commended Seedling Certificates:
 For a protected *C. japonica* seedling, Dr. Emil Carroll
 For an unprotected, treated *C. japonica* seedling, G. F. Abendroth.
 Number of ACS Memberships Sold: Three.

NACOGDOCHES, November 1, 1980
 Sponsor: Texas Camellia Society
 Number Blooms Displayed: 33. Attendance: 30.
 ACS Outstanding Bloom Certificates:
C. japonica: (In Open)
 Large-Very Large: 'Marie Brace', Mr. & Mrs. Kermit Agee
 Runner-up: 'Christmas Beauty Var.', Mr. & Mrs. Floyd Akin
 Miniature: 'Fircone Var.', Mr. & Mrs. Charles O. Zagst

C. japonica: (Under Glass)
 Large-Very Large: 'Lcy Stewart', Mr. & Mrs. Floyd Akin
 Medium: 'Mary Alice Cox', Mr. & Mrs. Floyd Akin
 Small: 'Little Man', Mr. & Mrs. Floyd Akin
C. reticulata:
 Best Bloom: 'Betty Ridley', Mr. & Mrs. Charles O. Zagst
C. sasanqua:
 Best Bloom: 'Sparkling Burgundy', Mr. & Mrs. Kermit Agee
 ACS GOLD CERTIFICATES:
 In Open: Mr. & Mrs. Kermit Agee
 Under Glass: Mr. & Mrs. Floyd Akin
 ACS SILVER CERTIFICATE:
 In Open: Mr. & Mrs. Charles O. Zagst
 Number of ACS Memberships Sold: None.
 PORT ARTHUR, December 6-7, 1980 (26th Annual)
 Sponsor: Greater Port Arthur Camellia Society
 Number Blooms Displayed: 209. Attendance: 187.
 ACS Outstanding Bloom Certificates:
C. japonica:
 In Open: 'Kick Off', Dr. Emil Carroll
 Runner-up: 'Tomorrow's Dawn', Hal Showalter
 Under Glass: 'Show Time', Dr. Emil Carroll
 Runner-up: 'Mathotiana Supreme', Hal Showalter
C. reticulata:
 Best Bloom: 'Betty Ridley', J. W. Hoover
C. hybrid:
 Best Bloom: 'Julie', Dr. Emil Carroll
 ACS GOLD CERTIFICATE:
 Dudley Boudreaux
 ACS SILVER CERTIFICATE:
 Gregory E. Davis
 Best Medium: 'Flame', Gregory Davis
 Best Small: 'Grace Albritton', Dudley Boudreaux
 Best Miniature: 'Little Slam', Mr. & Mrs. Ray Woodward
 Number of ACS Memberships Sold: None.

VIRGINIA

NORFOLK, November 7-8, 1980
 Sponsor: Virginia Camellia Society
 Number blooms displayed: 203.
 ACS Outstanding Bloom Certificates:
C. japonica:
 Over 4½": 'Mary Agnes Patin Var.', Dr. & Mrs. J. M. Habel
 Runner-up: 'Debutante', Grover C. Miller
 Under 4½": 'Winifred Womack', Mr. & Mrs. C. C. Mason
 Runner-up: 'Little Ginger', Dr. & Mrs. J. M. Habel
 Best White: 'Mary Alice Cox', Grover C. Miller
 Number of ACS Memberships Sold: Two.

CENTURY CLUB DONORS

(Donors of \$100.00 or more to the General Fund)

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 Mr. Louis Squyres
 Mrs. Louis Squyres

—ACS—

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'Curtain Call'
 'Katie'

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The 1980 Yearbook A Rationale

You may have wondered why the 1980 *Yearbook* was in a soft cover instead of the traditional hardback with the expensive type binding. The reason—economics! Our Society had run slightly in the red in the previous two years' budgets. Unlike the federal government who can print its way out of deficits, our Board had to look at ways of cutting expenses. Since salaries are already well below any comparable jobs, we could not cut there. All of the other expenses were inelastic.

On working with our printer, we found that we could save over \$4,000.00 by issuing the 1980 *American Camellia Yearbook* in soft cover. The more affluent American Rose Society with its larger membership and much higher dues turned to the same type of cover three years ago. We know of no other national horticultural society that is putting out the hardback book the quality of the one we have been putting out in recent years.

We are gratified at several letters and phone calls we have had on the high quality of the articles that we had, thanks to the many authors who volunteered or graciously accepted assignments for articles. We think that the quality of articles, photographs and colored pictures are of the same high caliber of prior issues. The size of the pages of the book are identical with all our past issues.

We regret that belatedly we had to follow the procedures of other plant societies, whose dues are even greater than ours. This action was taken after much deliberation by the Finance Committee with the Executive Secretary and with the Governing Board of the ACS. Books similarly bound as our 1979 issue, and earlier ones, are now drawing at least \$15.00 to \$22.50 for a book alone. After this discussion, the Board overwhelmingly directed the Executive Secretary to issue a soft bound book.

The Board did not wish to raise dues at this time in order to maintain our membership.

I have had calls from two different people that they have put the plastic cover, like the one sold to cover *Camellia Nomenclature* on their *Yearbooks*.

We hope that you all enjoy and learn from the articles of our many, many knowledgeable authors and the work of your staff at Massee Lane each year in putting together the national prize-winning *American Camellia Yearbook*.

Hardback Yearbook For 1981—??

As mentioned in the article in this issue called "The 1980 Yearbook—A Rationale", you learned why the Society has now joined all of the other horticultural societies in publishing a soft back edition.

The 1981 *Yearbook* will also be issued in the soft cover. Your Governing Board, after consultation with our printer, is offering members an option to obtain the 1981 *Yearbook* in the same expensive binding as those prior to 1980. In order to obtain this, however, a member must send in \$7.50 prior to Oct. 1 in addition to the dues they have already paid for 1981; this offer, furthermore, is only possible if a minimum of 500 members are so inclined.

The Board, at San Mateo, made this offer rather than voting in a general increase of dues for 1981 or 1982.

—ACS—

Letter To The Editor

Dear Sir:

When I lived in Korea, I used to go to a valley covered by lots of camellias. So I got some idea. Would you try it?

(Continued on page 11)



HATTIESBURG REVIVAL

Isn't this just great? The newly revived Hattiesburg Camellia Club held a "camellia showing" in the Cloverleaf Mall in that city. The 26 members showed 236 blooms. Fifteen club members participated in the informal judging, according to Mississippi State Director F. F. Becker II, and they did a good job. Prize winners were: 'Dr. Clifford Parks' entered by C. V. Bozeman; second was 'Betty Sheffield Supreme' and third was 'Grand Prix Var' exhibited by Mr. Becker. This newly energized club also plans a regular show for sometime in February. Congratulations to all the folks who helped with this. The club's President is L. C. Fillingame with Mrs. J. B. Craft as Secretary and Miss Jane Wicht as Treasurer. From left-to-right in the picture, taken by Mr. Becker, are: J. W. Ammons, Mr. Becker, C. V. Bozeman, L. C. Fillingame, Roy R. Strong, Miss Wicht and Mrs. Craft. We also congratulate our good friend "Boozy" Becker for his work along these lines of increasing interest in camellias and in camellia societies. This is a challenge to many areas that used to have camellia clubs and camellia shows. This is a fitting touch to 1980-The Year of the Camellia.



The Dixie Peaches entertained prior to opening the annual camellia show at Massee Lane. This prize-winning square dance group is sponsored by the 4-H Club of Peach County. (Photo by Dr. A. D. Brann, Fort Valley.)



HOUSTON SHOW—HUGE SUCCESS

The "H S" is a hit again this past camellia season. Here you see ACS President Roy Stringfellow and Mary, Lena Ciolino, "Vi" Stone with the ACS Blazer Crest on her evening skirt and others at the Forest Club banquet. The Houston "folks" have invited the ACS to come there for its Spring 1985 meeting. Sounds good, we think. (Photo by Greg Davis.)

—Cure for camellia flower blight—

- a. Soil—50% crushed rock and sand
50% decomposed leaves and ashes
- b. Fertilizer—Crushed sesame seeds
Crushed cotton seeds
Crushed yellow peas
(Never transplant camellia)
(Use deep pot)

Sincerely yours,

Hwang Lee

Special Gifts

Mr. Thomas E. Hughes: Contribution to ACS
Mr. A. E. Barnes, Jr.: Contribution to ACS
Milton H. Brown: Contribution to ACS to help with February *Journal* expense
Mr. & Mrs. T. P. Knox: Fight Blight
Mr. & Mrs. Thomas C. Evans: Contribution honoring birthdays of Brownie & Ann Brown, Dan & Muriel Nathan, Wally & Virginia Freshwater, Joe Pyron, Marguerite Smith, Boynton & Caroline Cole

Dr. Walter F. Homeyer, Jr.: Contribution for color separations for *Journal*

Dr. J. I. McClurkin: Contribution to ACS

Mrs. Boynton Cole: Contribution honoring Milton H. Brown's birthday, the A. M. Costley's 59th wedding anniversary and Helen Troutman's birthday.

Coastal Carolina Society: Contribution to ACS

Mr. William M. Dickey: Contribution honoring W. P. Simmons' birthday

Mr. & Mrs. Milton H. Brown, Dr. & Mrs. Daniel E. Nathan: Contribution honoring Mrs. Sanders Harris' birthday

Mr. & Mrs. R. D. Hicks: Contribution in appreciation of Dr. Harry T. Moore, Jr. and contribution to ACS

Mr. & Mrs. Milton H. Brown: Contribution wishing a speedy recovery to Mrs. Carl M. Allen, Jr., and to Roger Gray

Peter J. Marabella: Contribution as loser in diet wage to Alfus O. Johnson

Mr. E. C. Snooks: Camellia publications
Heaton Park Garden Club: Contribution to ACS

Virginia Camellia Society: Contribution of \$1,000.00 to ACS

Mr. R. H. Jackson: Camellia publications

Dr. & Mrs. Daniel E. Nathan: Camellia publications and contribution honoring Milton H. Brown's Award of the American Camellia Society Bronze Plaque

Tom Dodd Nurseries: Plants for garden: 100 *Lagerstroemia x faurieri*, 50 *Camellia oleifera*, 10 *Lithocarpus hereryii*, 25 *Azalea 'Amy'*

Mr. & Mrs. Roy C. Stringfellow: Contribution to ACS

Mrs. T. J. Smith: Contribution to ACS

—ACS—
GET A NEW MEMBER

Horticulturally Speaking . . . The Basics

(By The Horticulture Committee)

The Horticulture Committee presents its suggestions and recommendations in this "Horticulturally Speaking" on camellia care and culture during the coming summer and fall. These seasons might be thought to be comparatively restful periods for weary camellia growers but that is only partially true. In the eyes of the Committee it is the attention and TLC which camellias receive in these seasons which will largely determine the health of the plants and the form and beauty of their bloom in the fall and spring. The article takes for granted that feeding in accordance with the grower's experience has taken place after the spring blooming, that basic pruning and shaping has been done, that attention has been paid to prospective pests and to peony scale, if any, that spring grafting has been performed and that preliminary disbudding in accordance with the grower's desires has been carried out. If so, read on. A number of things remain to be done!

Moisture and Humidity

Camellia growers from the Atlantic to the Pacific and from the Northeast to Texas are unanimous in their opinion that adequate moisture for camellias in the summer is a must to bring about healthy plant growth and to produce handsome blooms in the fall and in the spring.

The past summer in most camellia growing areas has been hot and dry. The impact has been seen in the state of the plants and the blooms. Even if similar conditions do not prevail in the summer before us, supplementary moisture will be essential for the roots and the foliage and buds. The timing of the watering and the amounts required will be dependent on area conditions and the grower's discretion and experience. One experienced grower has suggested that a bucket of water per plant per week seemed about right.

Most growers in hot climates with low humidity are finding that early morning and evening watering better than mid-day watering if the plants are full sun since it avoids the possibility of burnt leaves. If the plants are in shade or partially so, watering in the heat of the day increases the humidity and lessens the temperature. Moisture for the soil can be usefully supplemented by humidity for the leaves either by overhead hose or an overhead system equipped with fog-heads. Deep watering, always desirable, must be accompanied by good drainage. Special attention must be given to container plants which dry out more quickly than plants in the ground.

Mulching

Mulching is obviously an important aid to the conservation of moisture in the soil and to maintaining cool roots during hot weather. For areas where pine needles or straw are available, these are the preferred mulch. Other popular mulches are pine or fir bark, wood shavings and peanut hulls. On the use of oak leaves as mulch, either alone or in combination with pine needles, there is some division of opinion. Dr. Herbert Racoff of Columbia, S. C., prefers not to use them because of their tendency to pack down and impede water from reaching the soil. On the other hand, many of the growers in the Southeast consulted by Dr. H. L. Berridge of Fort Walton Beach, Florida (see note at end of this article) report oak leaves or a mixture with pine needles to be their preferred mulch. The Chairman has found pine needles with a layer of oak leaves on top to have given excellent results in both hot and cold weather.

One successful grower, James McCoy of Fayetteville, N. C. has found that, in his area, if outside plants are well mulched, he never has to supply extra water. In addition, he writes, that he does "no pruning, spraying for scale, fertilizing or bud removal . . . About all I do is gib, beginning in early August."

The warning, given in these columns on several occasions, against the use of peat moss as a mulch, should be noted here again. If the peat moss dries out, water will be unable to penetrate it and will run off.

Fertilizing

As stated in these columns in the past, the time, the type of fertilizing used, and the amounts employed remain an individual matter, largely derived from experience. Most growers, including the group consulted by Dr. Berridge, appear to agree that a grower should develop his own programs for spring and summer but that any fertilizer used after late summer or early fall (some suggest mid or late August as a cut-off date) should be a low nitrogen or nitrogen free fertilizer. Louis Squyres of Tyler, Texas suggests, on the assumption that plants have a good feeding after blooming, that a very light cotton seed meal and a balanced fertilizer should be used through the summer through August. From September onward the feeding should be low in nitrogen, high in phosphate and low in potash. Dr. Racoff carries this advice one step further. He suggests that no fertilizer be applied after mid-August except a no-nitrogen fertilizer such as 0-14-14 with the objective of hardening the new growth and preparing the

plants for cold weather. He is also of the opinion that all fertilizers should be applied at less than the rate recommended by the manufacturers on the principle that more plants are damaged by over feeding than under feeding.

Harold Rambath of Sacramento continues to find that the slow release OSMOCOTE, with a life of 6 to 10 months, to be ideal for his area. Summer watering in connection with it, is in essence, providing feeding as well as moisture to his plants.

SUMMER AND FALL PESTS AND DISEASES

Sucking and Chewing Insects

These may do considerable damage during the summer and fall months. Especially damaging are the red spiders and the two spotted spider mites which, as Louis Squyres points out, can appear suddenly and with a vengeance. Sometimes much damage is done before the pest is discovered. The mites suck the juices from the leaves causing premature leaf drop. Infested scions cause a high rate of failure in grafts due to such leaf drop.

Dr. Racoff outlines the symptoms. The first is "the appearance of a grey dust on the upper surface of the leaves. The leaves then take on a greyish or brownish coloration and appear to have been burnt. Heavily infested leaves look as if they had been sprinkled with red pepper." He suggests, as do other members of the Committee, effective sprays as Orthene and Meta-Systox (both systemics) as well as Kelthane, Isatox, Diazenon, and Malathion. In this connection, Dr. Racoff points that many agricultural chemicals are now restricted substances and can only be purchased and used legally by persons who hold a "Private Applicators License." He suggests that the County Agricultural Agent be contacted to arrange for a prescribed 2-3 hour course to become eligible for the necessary license.

For persons relatively new to camellia culture, Louis Squyres suggests they need not experiment overly much with insecticides. In his opinion Kelthane is quite adequate against red spider mites. A high pressure water spray would also help. A grower, contacted by Dr. Berridge, suggests that if the usual sprays fail because the mites have become immunized against them, Volk Oil or Oil-I-Cide be tried.

Aphids are also enemies of new growth and of the tips of flower buds. Louis Squyres finds Malathion particularly useful against aphids and that it also helps to control tea scale. Volk Oil and Oil-I-Cide are also excellent sprays against tea scale. Ants are a nuisance since they are commonly found in blooms at the base of stamens. They may also spread dieback spores from plant to plant. These may be best controlled by

treating the mulch at the same time as the plants are treated. Treatment will also control many other insects which come out of the mulch to feed at night.

Occasionally snails and slugs make their appearance to chew foliage and flowers. For these, snail baits are available for scattering around the mulch. They must be kept from children and pets since the bait is toxic. Some growers have found effective the placing of shallow containers of beer which is toxic to snails.

Scale

Some growers recommend oil sprays to control scale, applied in temperatures between 35-40° and 85°. Others, including many of those canvassed by Dr. Berridge, have found Cygon, used as directed, to be effective against the scales appearing in the summer and occasionally, in the fall. Summer is usually too late to work against peony scale which is most vulnerable to oil or cygon sprays when the crawlers appear from early April to the middle of May, according to the climatic area.

Petal Blight

Until a cure is found, control is the principal weapon against the scourge of petal blight. The advice of all growers without exception, is that the picking up and destruction of fallen buds, petals and flowers must be rigorously carried out as a safety measure against the spreading of spores, notwithstanding the understandable discouragement of growers in face of the fact that spores coming from neighbors who willfully or ignorantly fail to clean up, may negate all their own efforts.

Dieback

During the summer or fall, the wilted twigs and/or canker on the stems may appear as the signs of dieback. Pruning the diseased wood down to healthy tissue and painting the area with protective coating to which Benlate and Captan have been added is the first action to be taken. Some growers have found that a Benlate-Captan solution, sprayed or painted on the plant, has assisted as a prophylactic. Captan acts more quickly but its effectiveness is shorter lived than that of Benlate. Tools used in the pruning should always be dipped in the solution or alcohol after their use with dieback.

One grower, whose camellias are comparatively free of dieback, is of the opinion that a too acid soil contributes to dieback so keeps his soil between 6.5-7 pH. He also believes that his regular use of the Benlate spray has contributed to his freedom from dieback.

GIBBING

The use of gibberellic acid to produce fall blooms, thereby providing growers with two crops of blooms, has become wide



There are advantages of being Executive Secretary of ACS. Here you see him escorting Miss Georgia Holiday, Cheryl Posey, around the annual show. Note the framed Camellias of Yunnan postage stamps from China as awards to each of the Honor Court blooms. The Best-in-Show, 'Tomorrow Parkhill' was placed in a shadow box made from old antiqued barn wood.

spread. It is also being used by some growers to stimulate spring blooms. Gibbing can be begun at any time that the flower buds are sufficiently plump and mature, from early August to early October. Not all varieties respond to gibbing to the same degree. Some varieties provide blooms in about five weeks after a single drop of gibberellic acid solution has been dropped in the cup left by the twisting out the growth bud next to the flower bud. Others take 6 to 8 weeks. Still others are sometimes caught by frost.

Many growers stagger their gibbing, doing a series of buds every one or two weeks in order to provide a series of blooms. The number of buds which may be gibbed is apparently limited by the number of buds reserved for spring blooms. The old bugbear of damage to the plant by too much gibbing seems to have been laid to rest by research. James McCoy writes, "I do not mind gibbing every bud on the plant. I cannot be convinced that is harmful in any way."

Gibberellic acid ready for use or for dilution can be ordered from advertisers in *The Camellia Journal*. Perhaps your local society could be persuaded to buy it in quantity to be shared on a cost basis or even distributed gratis as by the Camellia Society of the Potomac Valley. If you haven't tried gibbing, try it. You'll like it.

PRUNING AND DISBUDDING

Both pruning and disbudding are continuous processes, at least after the buds become recognizable. Pruning is to shape up a plant, to remove unproductive wood, and to open the plant to air and light. Picking blooms and air-layering are both forms of pruning. Pruning is very much of an individual thing and so it should be.

Disbudding is also to be done in connection with one's personal objective for his camellias, a few superior blooms or many satisfying blooms. One form of disbudding can be carried out by gibbing. Usually there are enough buds for both operations with some to spare. Define your objectives and act accordingly. To cite James McCoy, few of us carry disbudding as far as one man of whom he heard who left only one bud for each show he intended to exhibit and then named each bud: "Charlotte," "Wilmington," "Fayetteville," etc.

PROPAGATION

Late spring and summer are excellent times for camellia lovers to enlarge their collection of camellias. Some additions will be of varieties seen and admired at shows. Others can be added by propagation: air layering; grafting—cleft, nurse seed, whip,

(Continued on page 18)

Less work for you— better protection for your camellias: Hudson Sprayers make the difference

If you're like most camellia growers, you already know that a spray program may mean the difference between camellias that thrive and camellias that suffer plant disease and insect attack. What you may not realize is that, How you spray *does* make a difference!

Start with a Hudson Sprayer

To be most effective, you must spray under leaves where scales and bugs settle and plant disease begins. We've designed our sprayers with this in mind. Hudson sprayers are equipped with long hoses and long spray extensions.



As a result, your job is easier and more effective because you can spray exactly where it's needed the most, without unnecessary reaching or bending.

At the same time, you can adjust the nozzle to deliver either a fine enveloping mist or coarse or long-range spray, depending upon your need.

More efficient use of spray possible

The easy-acting control valve on Hudson sprayers allows you to spray precisely as needed—only to the point of run-off. There's no harmful drenching nor waste of costly spray materials.

A Hudson Sprayer for every need

There's a Hudson sprayer or duster for every need or any size garden—from stainless steel to polyethylene to power. The choice is yours.

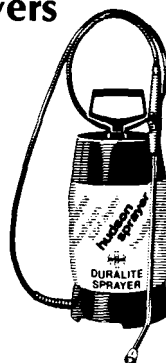
Famous Hudson Bugwiser® sprayer

This popular three gallon compression sprayer has proven Hudson benefits that offer extra value, durability and convenience. Brass pump; galvanized steel tank with epoxy exterior finish.



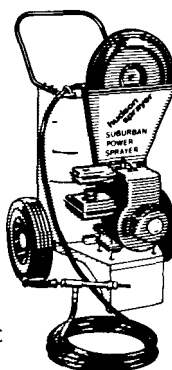
Corrosion resistant Duralite® sprayers

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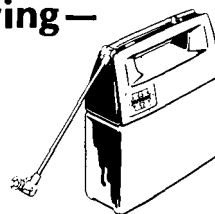


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A sizable camellia garden is protected more easily and more quickly with a Hudson Suburban power sprayer. Wide choice of accessories provide extra versatility. Available with hitch for your riding mower or with electric motor.

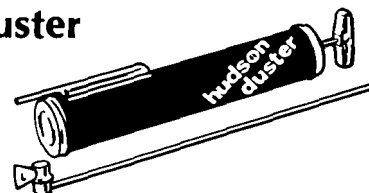


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(See *The American Camellia Society Yearbook-1980* for an article on sprayers and spraying for your camellias.)

Novel Methods of Camellia Propagation of 2 to 3 Year Old Cuttings Containing Several Branches

ALLISON MAGGIOLO, RICHARD BENNETT, JR.,
AND KAMALA MANCHIGIAH

J. H. Peeble reported (1) that up to 2 to 3 year old camellia cuttings about 18 inches long with as many as five side branches containing thirty or more leaves, could be successfully rooted in a manner as are normal 4 inch tip cuttings. This work was reported in 1966. Our attempt to repeat this work under more controlled conditions, rather than their being left to variegated elemental weather changes, is the goal of this investigation. We are pleased to report that we were much more successful in this endeavor than expected.

Three to four common standard varieties of *C. Japonica* species were tested. During October the cuttings of these species were girdled, let stand, then cut, treated with a growth hormone and inserted in the cutting bed. By June more new foliage was seen and the rooted cuttings, now having about a six inch root ball, were transplanted into the pots. Nine out of ten cuttings survived showing how well this novel technique worked.

Let's briefly discuss the anatomy of a woody stem. The outermost layer is the bark. The next layer is the phloem through which carbohydrates, nitrogenous compounds and growth factors flow bidirectionally. For example: downwardly, photosynthates (nutrients) moving out of the leaves may be translocated towards growing points. Mobilization of organic materials in storage organs such as tap roots for the nourishment of seedling growth is generally in an upward direction. The cambium is the layer next to the phloem. Lastly, the innermost layer is the xylem through which water moves from the roots to the leaves of the plant.

The stems of the *C. Japonica* species were girdled at a width of one inch and about 12 to 18 inches from the tip. During girdling, layers down to the xylem were removed in October and was exposed to the weather for 8 to 5 weeks. No moss or covering of the injured portion of the branch was used. Due to the presence of the xylem around the girdled area, the leaves of the plants looked healthy in spite of the injury. The leaves will continue to receive enough water to manufacture starches, as well as receive other nutrients. These nutrients translocate through the phloem from leaves and will accumulate above the girdle.

The following hormonal mixture was used as a cutting dip in order to

have a high percentage of disease-free rooted cuttings: 10% Benlate (50% w.p.), 2% I.B.A., 88% Talc and 50 p.p.m. boric acid. It is often desirable to make fresh cuts at the base of the cuttings before treatment to facilitate absorption. The basal one inch of the cuttings is then moistened with water and rolled in the powder. All excess powder should be shaken from the cuttings to prevent possible toxic poisoning. The cuttings are then planted immediately in the cutting bed containing preformed holes of a diameter just larger than the cutting stem so as not to rub off the rooting powder and then the soil was firmed. The bed contained sterile sand, peat moss and a fungicide. We used a

(Continued on page 16)



fungicide, as the cuttings are subject to attacks by various fungi during the rooting period. Treatment of the cuttings with fungicides also probably results in a longer survival period of the cuttings until a callous is formed prior to good root formation.

These cutting beds were covered with 4 mil polyethylene plastic to retain the humidity and a green fishnet was placed several feet above to protect them from excess sunlight and heat. This helped promote root and leaf development. The bottom of the cutting bed had a thermoregulated heating cable set at 70°F to help initiate and control root growth. Osmocote (18:6:12), a fertilizer which releases nutrients slowly, was inserted in and on the surface of the bed in November, since the cuttings initially have a delicate root system.

In June the cuttings had a heavy (about 6 inches) root ball with new foliage. They were then transplanted into 12 to 15 inch pots. A photo of the cuttings, now taken one year later (10/10/80), is shown.

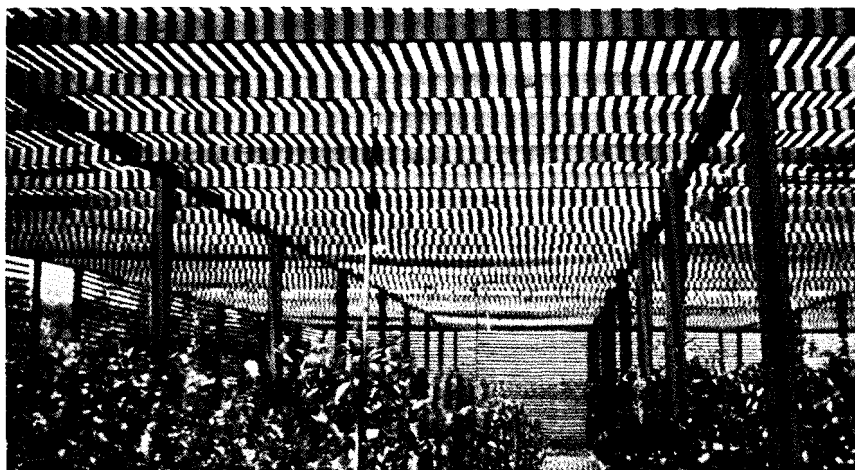
These initial findings indicate that the method discussed herein can be successfully employed in the rooting of Camellias. We now plan to use additional cuttings from three camellia species to determine the optimum time these cuttings should be left girdled in the weather before actually being cut for treatment and transferred for insertion in the cutting bed. Also some longer cuttings with as many as 10 branches will be tried.

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- (1) "A New Rooting Technique", J. H. Peebles; The Camellia Journal, Vol. 21, No. 2, March 1966.
- (2) Plant Anatomy, A. Fahn., Pergamon Press, New York. 1974.

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CAMELLIA PETAL BLIGHT DISEASE IN TOYAMA PREFECTURE, JAPAN DURING EARLY 1980

DR. KENZO IRIYAMA

Yamadamura, Nei Dist.
Toyama Prefecture, Japan

In 1979, from early February to late April and again during early 1980, the author made observations on the camellia petal blight disease in his home area. This disease was first observed by Mr. Hara (of Japan) and later spread to the United States via California. Following 1948, outbreaks of the disease were observed not only in California but also in the south-eastern states.

Many years ago at Nagoya Medical College, Dr. Tsurami and the author worked on a method for animal virus purification involving a contact system for the control of tuberculosis in children by vaccination. Using his knowledge of this period in his career and by reading articles on purification methods, including the works of Dr. Stanley of the University of California for the Purification of Tobacco Mosaic Virus, the author adapted these methods in his present study of camellia petal blight infection.

In early January 1979 at Toyama Prefecture, apothecia of the camellia petal blight pathogen were observed at the base of many camellia plants which then spread rapidly to almost all of the flowers. In preliminary experiments, affected flower petals were ground up to make a brown-colored fluid. This fluid was treated with a saturated solution of ammonium sulfate. The resulting extract was used on normal camellia petals, which changed them in a few days to the typical brown-black coloration of infected blossoms; the author called this special method an artificial blight color change on camellia petals. In 1980, further experiments were conducted on the procedures and results obtained in 1979.

During the 1980 season, from December to early January, camellia petal blight disease was observed on the same camellia plants in Toyama Prefecture as in the previous year. There had been heavy snow falls from late January to late February of over one meter in depth. By the middle of March many apothecia appeared under the camellia plants and later the open camellia flowers became infected with petal blight. These were the special conditions of blight disease infection in this part of Japan for the 1980 season.

Improving on the experimental procedures of the previous year, infected camellia petals were treated as follows: The

petal tissue was ground with a mortar and pestle until a brown fluid was obtained which was treated with saturated ammonium sulfate and held under refrigeration (as described by Dr. Stanley in his original purification method). This fluid formed a precipitate when titrated to pH5 with acetic acid. After filtering, it was titrated to pH8 with ammonium fluid. This procedure was repeated several times to obtain a 100X solution of the original extract. This solution had a weak protein reaction as revealed by a test paper indicator. When one drop of this solution (in conjunction with BCG primer) was placed on camellia petals and incubated at 3-5°C under fluorescent light, all treated petals changed to a brown-black color.

The same process was used on the petals of ten different flowering plants, but only camellias and azaleas showed these color changes while the others remained unchanged even after several days. Camellia petals that showed color changes following the drop contact method were stained with safarine solution and examined under the microscope for safarine stainable granules. Few such granules were found. These results differed widely from naturally infected camellia petals which showed many such granules. However, when the artificially infected petals were allowed to incubate for several weeks many granules, similar to those on naturally infected petals, were found.

On the basis of the experiments performed, the first reaction of the artificially infected flower petals and their subsequent color change were specific for flowers of camellia and azalea. A susceptible reaction of camellia flower petals to the disease organism resulted in the increase of safarine stainable granules upon incubation.

During late autumn of 1979, tobacco farmers of Toyama Prefecture had a serious disease problem among their plants. Tobacco leaves turned brown or black at the points and the problem spread widely to other leaves. Leaf samples were taken and ground in water to obtain a brown-colored liquid and then purified by similar methods as described previously for camellia leaves. The purified extract was then used on camellia flower petals. After several days of incubation with fluorescent lights the camellia petals showed the same color change as did the blighted petal samples. It took one week for them to turn brown-black in color. This experiment was continued in 1980 using young tobacco

leaves (ca 20 cm long) freshly after their appearance on the plants. Using the concentrated contact fluid from blighted camellias, these leaves were incubated in the usual way and after three days a brown-black color change was observed on them. (EDITOR'S NOTE: The author does not intend this to imply that *S. camelliae* Hara will affect tobacco or that the Tobacco Mosaic Virus will affect camellias. The article is intended to show that the author is continuing his work in an attempt to learn more about camellia petal blight.)

—ACS—



A First Time Award was presented at the 23rd Annual Camellia Show of The Camellia Society of Panama City, Florida. The plaque was for the Best Miniature in Show and was given by Dr. and Mrs. Reeves Wells to the Winner Dr. William Y. Bennett of Pensacola for a 'Grace Albritton'. Here you see Dr. Wells with the plaque and Mrs. Frank Huebescher. The award was given in memory of her late husband who, as Dr. Wells said, loved miniatures. Many Canadians attended the show and were positively delighted. One couple wrote to ACS Headquarters to inform it of the beautiful flowers and the beautiful people. (Photo furnished by Mrs. R. L. (Peggy) McConnell, Sr.)

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(Continued from page 13)

and top; rooting of cuttings and by seeds. Several of these methods have been described here and will not be touched upon again.

Air Layering

Air layering has become increasingly popular in recent years, not only as a relatively easy and trouble-free means of getting well developed plants but also as a method of pruning over-abundant plants.

A critical first step is the selection of a vigorous branch of a desired variety with the shape sought in the prospective new plant. Then, as Louis Squyres has summarized the process: remove "the bark and cambium layer around the branch about an inch in width, covering it with a good handful of moist sphagnum moss with some rooting hormone in it. Cover this with foil or heavy black plastic and tie tightly—check for moisture occasionally—roots will develop after there has been one growing cycle." The branch should then be separated from the plant at the roots on the trunk side of the branch. The new plant may then be potted.

It may be noted that several local societies including the Norfolk Society and the Potomac Valley Society, have taken up air layering as a means of adding to their society funds.

Seeds

Many growers look upon seed propagation to provide root stock and a possible source of new varieties. James McCoy has summarized his experience with germinating seeds on a grand scale: "I gather all the seeds at about the same time, about mid-August . . . I hold them about a week when most will have dehisced (popped open). Those that haven't are easy to open. I then crack them gently with a hammer. I place them in layers in a wide mouth gallon glass jar. The peat moss has been previously soaked in a captan solution of two tablespoons per gallon of water. Squeeze out as much water as possible before placing it in the jar. Put in about three inches of peat, then a layer of seeds, then two inches of peat, another layer of seeds until the jar is filled. On the top put a piece of saran wrap held in place by a rubber band.

"Keep the jar or jars in the house where it is warm. In three weeks, start taking out the sprouted seed. After this you can take sprouted seed out every week. Get a container, a plastic foot tub is ideal. Cut drainage holes in the bottom. Fill it with three inches of half sand and of captan-soaked and squeezed peat. Cut the radicle two inches below the seeds and insert them into the mix as close together as you wish, even touching. The whole apparatus should be covered with light plastic about ten inches

above the seed, with bent coat hangers. Keep it in a well lighted window but not in direct sun. After the seedlings have developed two good sized leaves, the plastic can be removed. If you want to see speedy seedling growth, keep them under Gro-Lux lights for about 16 hours a day. I have read that under constant light, they will grow faster but I have never done it. Keep the soil moist but not soaking wet."

Dr. Racoff follows much the same pattern but first soaks his cracked seeds in 1 part to 1000 parts solution of gibberellic acid. This hastens the germination, to which the Chairman and others can testify. Another grower writes that the use of florescent lights will also speed up germination (the Chairman agrees) while another grower says that the use of floodlights (P. 38, 150 watts) speeds germination even more.

Nurse Seed Grafting

It would be interesting to know how many *Journal* readers have used nurse seed grafting. (The Chairman invites correspondence.) Committee member Squyres has found it so satisfactory that he recommends it. "Start the seeds in damp peat moss," he says. When the growth is two inches high, lift the seed-

—ACS—

ling and cut off the seed. Plant the seedling in a mixture of half sand and half peat moss. After it starts growing again, feed with a weak soluble fertilizer—then you have a plant for future use or for grafting.

"As for the seed—prepare a scion as in usual grafting . . . Dip it in a hormone and then with a long narrow knife pierce the seed and insert the scion into the cut. Plant this in the half and half peat-sand mixture at about an inch and half depth. I place the container in a larger one to assure retention of humidity when it is covered with glass or plastic. If you are successful you will have a new plant and the original plant which will grow to be grafted or may, who knows, be another Tomorrow."

This "Horticulturally Speaking" has been compiled by the Chairman from suggestions and recommendations from members of the Committee—Mr. James A. McCoy, Dr. H. L. Berridge, Dr. Herbert Racoff, Mr. Louis Squyres, Mr. Harold C. Rambath and the Chairman, Philip Ireland. Dr. Berridge made a special contribution by submitting a questionnaire to a group of distinguished camellia growers from Florida and near-by states and forwarding the completed questionnaires to the Chairman.

A FRIEND OF MINE JAY BIRD

Several months ago a government scientist analyzed samples of rainfall in northeast and central Florida, and determined the pH was 4.4. Since this reading is considerably lower than the 6.4 we prefer for camellias, it makes us wonder whether rainfall is really as beneficial for plant life as we have been led to believe.

We consider that the varying shades exhibited by camellias is one of the more interesting aspects of the hobby. For example, the orange red of 'Yuletide' is extremely attractive. Although this variety is classified as a sasanqua, we have seen 3 or 4 blooms in the 3 to 4 inch size range, causing them "to look like" japonicas or hybrids. Maybe the variety will produce an orange sport some day, we hope. While the major emphasis in securing a color break has always been pointed at yellow, we feel that a clear orange, similar to the color of a tan-geline, would be equally desirable. How about it, you hybridizers? Can you meet the challenge?

And there was the fat fellow who went on see food diet, and ate everything he could see.

One of the most pleasant experiences we encountered on our trip to New Zealand a few years ago was the delightful Kiwi fruit. We have been surprised to find the fruit in a few supermarket stores recently. The shipping containers indicated the produce came from New Zealand. It does not grow in our area, so every little bit helps.

For a pleasant change of pace in snacks, try munching on a few roasted pecans with a Bloody Mary, or plain tomato juice if you prefer.

We need more contributions. Interesting short topics as well as comments on published topics or items will be welcomed. Forward to Jay W. Ellis, P. O. Box 888, Keystone Heights, Fl. 32656.

WILL YOU SUPPORT A
HORTICULTURIST?

THE RESPONSE OF CUTTINGS OF *CAMELLIA JAPONICA* AND *C. SASANQUA* TO VARYING LEVELS OF BENOMYL

LUTHER W. BAXTER, JR., SUSAN G. FAGAN, and MARY G. OWEN*

The fungal pathogen, *Glomerella cingulata*, the cause of contagious die-back and canker of camellias, often infects wounds made in grafting or in removing cuttings for rooting or grafts. The end result of this infection is graft failure or death of cuttings before they can root. It has been suggested that the fungicide benomyl, which is highly active against *G. cingulata* in laboratory cultures, be added to the rooting medium to prevent infection of cuttings. There have been some reports at the national meetings of the American Camellia Society, however, that benomyl may be toxic to camellias. This report covers research designed to determine the response of camellia cuttings of both *C. japonica* and *C. sasanqua* to several levels of benomyl added to the rooting medium as measured by the development of roots on the cuttings.

Benomyl, methyl 1-(butylcarbamoyl 1)-2-benzimidazolecarbamate, commonly sold as Benlate, a 50% wettable powder, by the duPont Corporation, is a highly active compound against *Glomerella cingulata*, as evaluated under laboratory conditions. When benomyl is added to our standard laboratory medium (carrot juice agar—360 ml carrot juice, 16 grams agar (about one-half ounce) make one liter of media) at the rates of 1.0, 10.0, or 100.0 parts per million, active ingredient (ppmai), growth is completely arrested at rates of 10 and 100 ppmai while at 1 part there is slight growth on the transfer plug (Figure 1).

MATERIALS AND METHODS

Builders' sand containing 0, 300, 600, 1200, or 2400 ppmai of benomyl was added to one-gallon Lerio cans.

Ten Lerio cans were filled with sand containing each level of benomyl. Cuttings were taken from 10-year-old field grown seedling plants of both *C. japonica* and *C. sasanqua*. The first cuttings (1000) were made in March and evaluated in August and the second cuttings (1250) were made in August and evaluated in November. To each Lerio can were added 25 cuttings of either *C. japonica* or *C. sasanqua* after the cuttings had been scarred and dipped in Hormodin No. 3 (indole-3-butyric acid 0.8% active ingredient). This provided 5 replicates of 25 cuttings of each species at each level of benomyl, except that in the first series the 300 ppmai concentration was inadvertently omitted. The Lerio cans with cuttings were placed under intermittent mist (30 seconds every 30 minutes) and left

for either 5 months (March-August) or 3 months (August-November) in a greenhouse where the minimum temperature was maintained at 21C. The greenhouse was shaded from April to November, but, other than vents, there was no means of cooling. During June, July, August, and September it was not unusual for the temperature to attain a maximum reading of 45 to 50C (113-122F) in the greenhouse. The cuttings were removed from the cans at the conclusion of the tests and gently agitated in clean water to dislodge any sand from the roots. The roots were evaluated on a scale of 0 (no rooting) to 5 (excellent rooting) with readings of 1 to 4 being intermediate in rooting. No fungicides, other than benomyl, were used throughout the rooting time.

RESULTS AND DISCUSSION

Table 1 gives a summary of the results obtained in this second experiment. The results of the two experiments were very similar, so the second
(Continued on page 20)

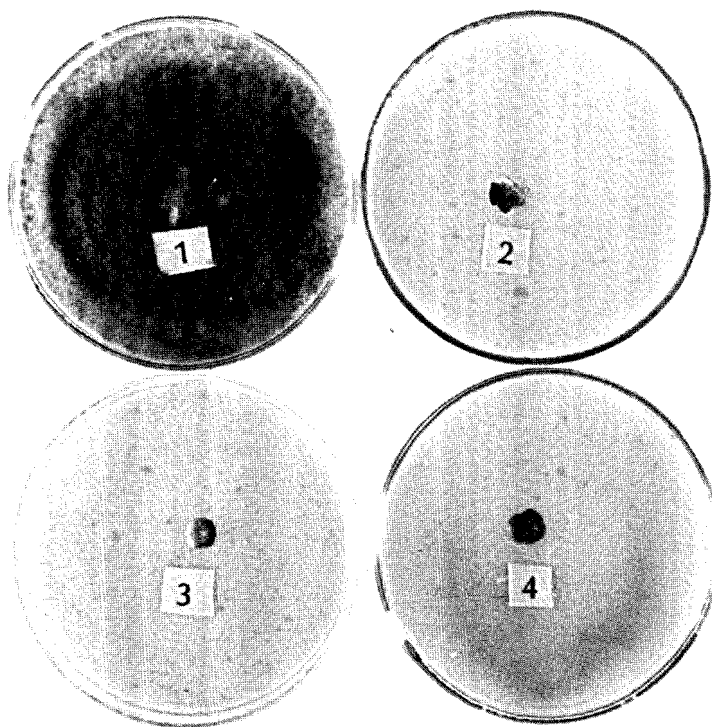


Figure 1. The response of the fungus, *Glomerella cingulata* (the cause of contagious dieback, canker, and graft failure in camellias) to media with benomyl added: (1) media without benomyl, (2) benomyl added at the rate of one ppmai, (3) benomyl added at the rate of ten ppmai, and (4) benomyl added at the rate of 100 ppmai. Note that the *Glomerella* has completely covered the Petri plate in number 1 (without benomyl) while numbers 2, 3, and 4 were seeded with small circular plugs (as was number 1) but the fungus did not grow except in the number 2 plate where there is a slight whitish fuzz around the seedpiece.

* Professor of Plant Pathology, Ag. Science Assistant II, and Ag. Aide III, Clemson University, Clemson, S. C. 29631. Technical contribution No. 1874 of the South Carolina Agricultural Experiment Station.

experiment is the only one presented. Benomyl at a level of 300 ppm in the rooting medium, which is the level recommended, did not cause injury to cuttings of either *C. japonica* or *C. sasanqua*. In fact there appeared to be a slight stimulation of rooting, as indicated by more vigorous roots in *C. sasanqua* and a higher percentage of cuttings rooted in *C. japonica* (these differences were not statistically significant, however). Benomyl at 600 ppm also resulted in no apparent or significant injury to the cuttings. The higher levels of 1200 and 2400 ppm did cause serious injury, however, as indicated by a highly significant decrease in the vigor of the roots obtained and in the percent of cuttings that rooted. *C. sasanqua* cuttings produced more vigorous roots and a

higher percent rooted than did *C. japonica* cuttings, indicating possibly somewhat more tolerance to the higher concentrations of benomyl in *C. sasanqua*.

The use of benomyl at the recommended rate of 300 ppm did not cause injury and should reduce the losses of cuttings from attack by *G. cingulata*. The data indicate, however, that the amount of benomyl added must be calculated and measured accurately because there was serious injury when the level of benomyl was increased to a 4X concentration.

"Research funded in part by The American Camellia Society. Appreciation is extended to Dr. William M. Epps for the many helpful suggestions with the preparation of this manuscript."

TABLE 1. The effects of benomyl at various concentrations in the rooting medium (builders' sand) on the rooting of cuttings of *Camellia sasanqua* and *C. japonica* (Cuttings taken August, 1980 and data recorded November 1980).

Benomyl Concentration (ppm)	<i>C. japonica</i>		<i>C. sasanqua</i>	
	Root Vigor ¹	Percent Rooted ²	Root Vigor ¹	Percent Rooted ²
0	2.23	77	2.24	98
300	2.21	85	2.79	94
600	2.03	75	2.57	91
1200	0.61	38	1.57	66
2400	0.10	8	0.50	25

¹ Root vigor represents the average of 125 cuttings with 0=no roots to 5=maximum rooting.

² Percent of the 125 cuttings that produced roots (vigor ratings of 1 to 5).

—ACS—

Nominations of Directors of The Atlantic Coast Territory

The means of nominating the Directors and Directors-at-Large are those as outlined in the May 1977 issue of *The Camellia Journal* on page 23.

President Thomas C. Evans will name one member for each state; each State Director has been asked to name one member; the third member for each state is the ACS Vice President for the Atlantic Coast Territory, who is also the Chairman of each State Committee, as well as Chairman of the Committee as a Whole. *The Com-*

mittee as a Whole shall name the nominees for Directors-at-Large. Each State Committee shall nominate members for State Director of that particular state. The Nominating Committee, chaired by the Vice President of the Atlantic Coast Territory, must make its report to the Executive Secretary before July 1st and the list of nominees shall be published in the August 1980 issue of *The Camellia Journal*.

Of special note is the following statement of this system of nomina-

tion: The Committees for each state shall be formed as soon as practicable following the Fall meeting of the Society and the names of the members shall be announced in the *Journal*. This announcement, made herewith below, "shall be accompanied by a request that all members of the Society forward to any member of the Committee as soon as possible any suggestions they may have as to members of the ACS to be nominated for election to the Board of Directors." *All members of the Atlantic Coast Territory are hereby so notified.*

The State Committees, as well as the Committee as a Whole, is "to wait a reasonable time" for the membership of the Society to notify them of any suggestions for nomination. This is *your opportunity* as an individual member of the ACS of the Atlantic Coast Territory, or for your society, to send names to the members of your State Committee for State Director and to the Vice President for Directors-at-Large to be considered by said Committees.

Members in those states having a Director (Md/DC/Northern VA., Virginia, North Carolina, South Carolina, Georgia) can contact the Vice President Lewis Fetterman or their State Directors to nominate Directors and Directors-at-Large. Members in the other States of the Atlantic Coast Territory can contact him to nominate Directors-at-Large. Names and addresses of these people are on page 1, *The Camellia Journal*, Vol. 36, No. 1, February 1981.

Pictures and one or two paragraphs of each candidate will be printed in the August issue of the *Journal* if the material is in the Editor's office prior to July 1st.

This is your election for your Directors and Directors-at-Large. Vote and support your Society through these key officials.

PARTICIPATE AND VOTE

The 1981-1982 Artistic Arrangement Contest

Theme: The 'Expressive' Camellia

Marie W. Dahlen (Mrs. Paul A.), General Chairman

The schedule for the 1981-82 Artistic Design Contest is presented with the hope that its non-restrictiveness will afford the greatest degree of creativity in all Sections.

SECTION I—Tricolor Classes

The award winning design must be a blue ribbon winner scoring 95 or above.

All plant material must be fresh. One or more accessories are permitted. The Tricolor Award is represented by a rosette combining blue, red and yellow ribbons. This is to be provided by the local show.

There must be a minimum of three (3) classes with four (4) entries in each class.

Class 1—The 'Elegant' Camellia

Class 2—The 'Delicate' Camellia

Class 3—The 'Serene' Camellia

Suggested Scale of Points for Tricolor Awards:

Design	30
Color & Harmony	20
Distinction	25
Expression	25
	100

SECTION II—Creativity Classes

The Award winning Design must be a blue ribbon winner scoring 95 or above.

Camellias must be used in all designs with fresh and/or dried plant material, with or without other components. The Creativity Award is represented by a rosette of purple ribbons to be furnished by the local show.

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

Class 1—The 'Daring' Camellia

Class 2—The 'Exceptional' Camellia

Class 3—The 'Esoteric' Camellia

Suggested Scale of Points for Creativity Awards:

Conformance	10
Design	30
(Balance, Proportion, Scale, Rhythm, Dominance, Contrast)	
Color	10
Distinction	15
Creativity	20
Expression	15
	100

SECTION III—Creativity Exhibition Tables

The Award winning exhibit must be a blue ribbon winner scoring 95 or above.

The decorative unit must consist of fresh and/or dried plant material, with or without other components.

The Creativity Table Award is represented by a rosette of purple ribbons to be furnished by the local show.

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

Class 1—The 'Charming' Camellia

Class 2—The 'Informal' Camellia

Class 3—The 'Sophisticated' Camellia

Suggested Scale of Points for Table Classes:

Exhibition Tables	
Conformance	10
Design	30
Color and Textural Harmony ...	25
Distinction	15
Expression	20
	100

DESIGN CONTEST RULES

- Contest is open to exhibitors in Camellia Shows held in cooperation with the American Camellia Society.
- The Standard System of awarding as required by National Council of State Garden Clubs shall be used—one blue, one red and one yellow ribbon may be given in each class. A white ribbon may be awarded for honorable mention. The Handbook for Flower Shows, 1977 Edition, will be used as authority by judges and exhibitors. This is the official guide of National Council of State Garden Clubs.
- Only blue ribbon winners may be entered in the ACS Contest.
- Class names must adhere to the schedule prepared for the ACS Contest for 1981-1982.
- Photographs must be received by:
Mrs. Paul A. Dahlen
703 Laurel Drive
Aiken, S. C. 29801
by May 15, 1982 or be disqualified, and all photographs become the property of the American Camellia Society.
- Photographs must be 5" by 7" or 8" by 10" (black & white glossies). They must be clear in design. No entries will be accepted that include entry card, ribbons, trophies or other extraneous material. These must be removed from exhibit before the picture is taken. Good photography is essential.
- It is strongly suggested that a color slide be included for better judging and

good evaluation of color. Slides will also become the property of ACS.

- Description information must be typed and accompany the photograph. Do not write on the back of the photograph or attach material with clips or pins. The following descriptive information is required:

Section and Class

Design Description and

Interpretation

Container Description

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

- On a separate sheet include name of designer and Section and Class name. Name of Show and Name of Club(s) sponsoring show and date of show.
- A schedule of the show must be included with each entry.
- Do not send questions or photographs to ACS headquarters or ACS president. The chairman of the contest will answer any questions.
- The Standard System of Judging as required by National Council of State Garden Clubs shall be used and the decision of the judges is final.
- Exhibitors shall be limited to one entry in each class.
- The 1981-82 Artistic Design Contest Schedule must be adhered to with the use of camellias.
- No artificial plant material will be allowed.
- a. Fresh plant material may not be treated.
b. A minimum amount of treated dried plant material may be used in classes permitting their use . . . (i. e., Creativity Division).
- Backgrounds should be plain for photography purposes.
- Photographs should be made as soon as possible after judging is completed.

RECOMMENDED POLICIES

- The local Camellia Show Artistic Design chairman may prepare an entirely different schedule from the one prepared for the ACS Contest. However, if the local group wishes to compete in

(Continued on page 22)

the ACS Contest, their schedule must be selected from the ACS schedule and all rules of the contest must be adhered to.

2. Local groups or clubs may add additional classes, including Invitational Classes, to the official schedule if they so desire.
3. Contest entries will be selected only from the ACS Design Schedule.
4. The Design Judges and the Contest Judges must be accredited by National Council of State Garden Clubs in order to uphold the Standard System of judging.
5. Lighting adds much to the mood and beauty of Artistic Design and photographic clarity. Shadows, which compete with design of arrangements, can often be eliminated by proper lighting when photographed.
6. Local chairman has full responsibility for acquiring ribbons of local Camellia Society as well as Tricolor and Creativity ribbons. ACS provides a certificate for the MOST OUTSTANDING ARRANGEMENT IN THE CONTEST.
7. The local club is responsible for staging and for rules of exhibiting and judging to conform to those of the ACS Contest.
8. Exhibitors in the Artistic Division need not be members of a Camellia Society.
9. Designs must be made by the exhibitor.
10. The size of backgrounds and space available for each entry should be specified in the local schedule.

The Design Schedule was compiled jointly by Mrs. H. C. Scott (Lib) and Mrs. Glenn A. Burney (Peg), both of Aiken, South Carolina. Mrs. Charles H. Ashley (Lela), also of Aiken, will chair her committee to be selected for judging the blue ribbon winners' photographs. All of these ladies are well qualified to design and judge this contest which offers a somewhat different format than usual.

Mrs. Scott's designs have appeared repeatedly in the American Camellia Yearbook over recent years. She has become an Accredited Flower Show Judge for National Council of State Garden Clubs, Inc., as well as for the American Camellia Society. Her accolades in Horticulture Awards around the state are well known. She has served several years on the board of the National Accredited Judges Club of S. C.; served a term as president of the Aiken Garden Club Council, and is a past president for her own garden club.

Mrs. Burney has also had a few of her designs printed in the American Camellia Yearbook. She is a Master Judge of National Council of State Garden Clubs. She is the out-going I Vice President of the Judges Club in S. C. and has lectured and demon-

strated Table Settings in three southeastern states. She has attended the School of "Ikebano" and holds an Instructor's Certificate in "Shofu".

Mrs. Ashley is a Master Judge and served several years as Photograph Chairman for the South Carolina Garden Club Calendar. Lela is another reknown horticulturist and has participated in programs and held offices in the Judges Club in S. C. She is active with "Ikebana International", Augusta, Georgia, Chapter No. 81. She is a student of the "Ikenobo" School of "Ikebana" and a member of South-5. Her arrangements have appeared in the American Camellia Yearbook and in the S. C. Calendar as well as in the Garden Journal of the New York Botanical Garden.

—ACS—

COMMITTEE ASSIGNMENTS 1981 - 1983

Artistic Arrangements: General Chairman, Mrs. Paul A. (Marie) Dahlen, Aiken, S. C. *Schedule Design Co-Chairmen:* Mrs. Glenn A. (Peg) Burney, Aiken, S. C., Mrs. H. C. (Lib) Scott, Aiken, S. C. *Photo Judging Chairman:* Mrs. Charles (Lela) Ashley, Aiken, S. C.

Charter and Bylaws: Chairman, Charles R. Butler Mobile, Alabama; Judge Sherrill Halbert, Sacramento, California; Judge Paul Harkey, Dallas, Texas; G. Stuart Watson, Albany, Georgia.

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Membership: Chairman, Mrs. Henry ("Vi") Stone, Baton Rouge, Louisiana; Co-Chairman and Ad-

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These Committee assignments were made by President Thomas C. Evans to take their new or renewed assignments beginning with the February 1981 meeting.

In addition to those named above President Thomas C. Evans and Executive Secretary Milton H. Brown are members *ex officio* of each Committee.

If any member is interested in working on any one or more of these Committees please contact Mr. Evans at 701 Winged Foot Drive, Aiken, SC 29801.

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Ancient Camellia Tree in China

Since the early Tang Dynasty in China, we have already regarded camellias as an appreciating flower. It is recorded in an old Chinese book that during the period of the Mid-Tang Dynasty, Zhang Jie (767-830 A.C.) a poet, once found a plant of camellia in the courtyard of a well-born friend when Zhang paid a visit to him. It was so lovely that Zhang couldn't tear himself away from it. After bargaining, Zhang exchanged his pretty concubine with his friend for this plant of camellia. From this story one can know clearly how precious a plant of camellia was in the ancient times in China.

Now in Ruian region, Wenchow district, a huge camellia tree survives in a cave open at the top. It is 6 meters high and 1.05 m in girth. Handicapped by the wall of the cave, it has not any branches except its top part exposed in the open air. (see photos) It was said that this camellia tree had some relation with the King's family in the Tang Dynasty, who once took refuge there. It can be estimated that the camellia tree is more than 1,000 years old. Many famous Chinese poets such as Su Shi, Lu You and Wang Shi-peng in the Song Dynasty wrote many poems on camellias. Here I'll raise some:

Su Shi

Who planted so many pairs of camellias?
None but they came with warm drizzles;
They were sent to you but failed to meet you,
Their red flowers like fire were against white snow.

Lu You

The East Garden was in rain and wind for three days,
Peach and plum blossoms fell sweeping the ground clean.
Only the camellia stood long and firm,
Several reds sparkle amidst mass greens.

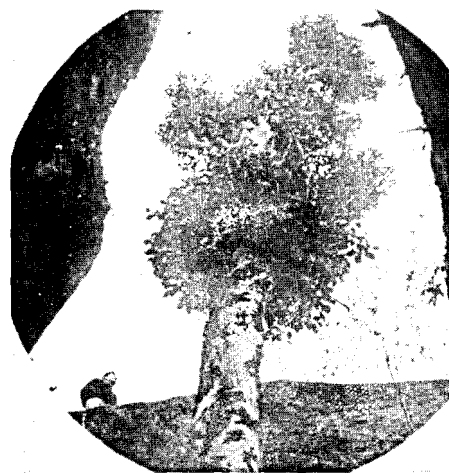
Wang Shi-peng

My brother sent a camellia specially to me,
Because he knew I'm wild natured and fond of flowers.
Though it was late to transport after the nightingale sang,
Still it looked so charming when the crane's head turned red.
What a nice umbrella its leaves served!
In spring its beauty prevailed over all.
I'm ashamed of having nothing valuable to return.
Being of the same family we enjoyed it together.

Wang Yi-ping

This article and the two pictures were sent to me by my dear friend Mr. Huang Teh-ling of Shanghai, People's Republic of China. He also sent the article in Chinese as well. The photos show the camellia tree at a distance in the cave and a close-up of the top of this huge camellia. Our heartfelt thanks to this dear friend in Shanghai and members of his family who translate letters and articles for us.

—ACS—



The Campaign For American Camellia Society Endowment Fund

The following members and friends have "joined" one of the clubs or made additional contributions to them since the February issue of the *Journal* (Information as of 27 February, 1981).

Booster Club

Dr. Hubert B. Owens
Mr. & Mrs. Charles A. Richardson
Mr. & Mrs. Stephen K. Myers
Mrs. Boynton Cole (2)
Kathleen Fletcher
Mrs. Homer L. Bruce
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Mr. & Mrs. Alfus O. Johnson (3)
Dr. Asa Barnes
Mr. & Mrs. Jack Greenberg
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President's Club

Dr. & Mrs. Jack Davis

In Memoriam

Mrs. Sumner Willsey

By

Mrs. John W. Freeman

Central Florida Camellia Society has lost a very valuable member in the death of Mrs. Sumner Willsey, known to us all as Leona. She passed away in June just a few days after she and Mr. Willsey had celebrated their Golden Anniversary.

Leona joined our Society 25 years ago. Since then she has been a faithful, conscientious worker. She always responded when show time came around, serving as Chairman, Co-Chairman and, for many years, Treasurer. She was well qualified for this position, having been bookkeeper for Dickson Ives Company, a very fine ladies wear and then millinery shop. This position she held for many years.

As Treasurer of the Camellia Society of Central Florida, she had the expertise necessary to keep our records and was the epitome of perfection when it came to balancing our books. Her reports were accurate, concise and neatly typed; a pleasure for any auditor.

Among her other duties, she worked on the election board at the polls for 30 years and more. She was Head Clerk for Precinct 74 for over 22 years, capping her services as Inspector for more than 30 years.

Mrs. Willsey had planned to retire in 1980.

Leona was a peacemaker and many misunderstandings and minor troubles were settled amicably as she in her calm, soft even voice reasoned with those involved.

In closing—I say Leona gave unstintingly of time, patience and love. She was a good Christian and showed it in all contacts with people with whom she worked.

Marshal H. Rhyne

Marshall H. Rhyne of Belmont, North Carolina died of a massive heart attack in St. Francis Memorial Hospital in San Francisco on February 26, 1981. Marshall and his wife, Ethel, and the Hackneys and others had been touring California prior to the ACS Convention in San Mateo. Marshall was stricken in San Francisco the night prior to leaving for the convention in nearby San Mateo.

Marshall served as ACS Director for two terms and was to be a proxy for the current Director, Graem Yates, who was not able to attend. Marshall was also active in the North Carolina Camellia Society and had served as its President. He was also very active in the formation last September of the Atlantic Coast Camellia Society.

Marshall was one of the top camellia growers in the East and would frequently take home many prizes for the outstanding blooms that he would exhibit. He attended camellia shows throughout the country and ACS meetings throughout the country as well.

Marshall and Ethel were very active in the Presbyterian Church in Belmont. He was 67 years of age and still active in his business at the time of his death. He is survived by his wife, Ethel, and his son, Walter, in Belmont, North Carolina, and his daughter, Mrs. Emily Hill, of nearby Gastonia, North Carolina.

—ACS—

Memorial Donations

(The name in boldface type indicates the person in whose memory the donation has been made.) (As of February 27, 1981.)

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Mr. & Mrs. W. F. Freshwater
- Miss **Lottie Bartlett**, Fort Valley, GA
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 Mr. Isaac Flatau
 Mr. Walter F. Wilson, Jr., Hammond, LA
 Nacogdoches Camellia Club
 Mr. & Mrs. Albert L. Summerson
 Mrs. William B. Johnston

Camellias Registered with the ACS

Since the February 1981 Journal

Name and Description	ACS	
	Registry Number	Originator
'Robert Hills', medium to large, dark pink with white petals, formal double, <i>C. japonica</i> chance seedling, mid-season	1708	Ferol & Sam Zerkowsky
'Joe Rubenstein', large, dark red, semidouble to peony, <i>C. japonica</i> chance seedling, mid-season	1709	W. E. Dee
'Frances Black', large, medium pink, rose form double, <i>C. japonica</i> chance seedling, early	1710	Ferol & Sam Zerkowsky
'Dorothy Tillett', miniature, white, formal double, <i>C. japonica</i> chance seedling, mid-season	1711	Ferol & Sam Zerkowsky
'Betty Sheffield White', large, anemone to peony, <i>C. japonica</i> mutant of 'Betty Sheffield', mid-season	1712	Ferol & Sam Zerkowsky
'Betty's Pink Organdie', large, blush pink, anemone to peony, <i>C. japonica</i> mutant of 'Betty Sheffield', mid-season	1713	Ferol & Sam Zerkowsky
'Dr. Gary Carroll', medium, dark red, semidouble to peony, <i>C. japonica</i> chance seedling, mid-season	1714	Ferol & Sam Zerkowsky
'Mayor Webb Hart', large to very large, fuschia pink, semidouble, non reticulata hybrid of 'Donation', mid-season	1715	Mrs. Ferol Zerkowsky
'Lee Poe', large, medium pink fading to lighter pink in center, anemone, <i>C. japonica</i> chance seedling of 'Tiffany', mid-season	1716	W. Lee Poe, Sr.
'Rachel Tarpy', medium to large, white, shaded to blush pink with occasional red lines or dashes, anemone, <i>C. japonica</i> chance seedling, early to mid-season	1717	G. F. Abendroth
'Ruthie Pope', large, bright pink and white var., <i>C. japonica</i> chance seedling, early to mid-season	1718	C. R. Pope
'Hettie Love Wine', large, light pink, semidouble, <i>C. japonica</i> chance seedling, mid-season	1719	Dr. M. B. Wine
'Joshua Durr', large, rose red, peony, <i>C. japonica</i> chance seedling of 'Imura' mid-season to late	1720	T. E. Lundy
'Nancy Reagan', very large, medium rose pink, semidouble, <i>C. reticulata</i> hybrid chance seedling, mid-season	1721	Willard F. Goertz
'Dot Cady', medium, light pink base to white center, formal double, <i>C. japonica</i> ('Dr. Tinsley' x 'Erin Farmer'), mid-season to late	1722	Edwin P. Akin
'Tiny Girl', small, salmon pink, formal double, <i>C. japonica</i> chance seedling, mid-season to late	1723	Edwin P. Akin
'Dee Dot', medium to large, pale pink to deeper on edge, occasionally red striped, formal double, <i>C. japonica</i> ('Dr. Tinsley' x 'Tomorrow'), mid-season to late	1724	Edwin P. Akin

Camellias

FAY HAUTOT

Planning along the lines of the old adage that tells us "as the twig is bent" and so forth, I took my nine year old daughter to view the 1971 presentation of the Ozone Camellia Society's annual show and festival in the municipal auditorium of what was our newly adopted home town, Slidell.

We were both awe struck when we opened the doors of the auditorium to a panoramic view of what appeared to our unschooled eyes to be yards and yards of pink, red and white chiffon ruffles. Shortly following our arrival our attention was called to the presentation of the Queen of Camellias and her court, all seniors in high school who had distinguished themselves in one manner or another during their school years.

Being native Louisianians, the Mardi Gras spirit of the festival ri-

valed our enjoyment of growing and presenting camellias at the show over the years.

And so it was with great pleasure that at the opening of the 1980 Ozone Camellia Festival it was Suzanne Plauche Hautot, daughter of Mr. and Mrs. James J. Hautot, Sr. who was crowned thirtieth annual Queen of Camellias by Congressman Bob Livingston.

Queen Suzanne was escorted by David Alan Hart, son of Mayor and Mrs. Webb Hart and accompanied by a large group of their mutual friends who served as maids and dukes.

Over the weeks preceding the festival the queen and her court attended a round of parties and helped to ready the auditorium for the arrival of the camellias that would be competing for the beautiful Ozone trophies.

The evening prior to the event the 50 out of town camellia judges were honored at a reception at the home of Dr. and Mrs. Robert Nix. Mrs. Nix

served as general show chairman together with Mrs. James Holmes.

We were up and at the windows early on the December 5 opening of the festival and heaved sighs of relief when the day dawned bright, clear and crisp.

The show, dedicated to talented Mrs. Michael (Violet) Haas in recognition of her many years of service as chairman of the artistic arrangement division of the show, offered camellias from California to Florida and were as varied in their shades and shapes as their origins.

Now I'm not sure that all of you camellia enthusiasts, of which I am one, will forgive me if I say that the moment Queen Suzanne appeared on the arm of her escort was the highlight of the day causing the entourage of grandmothers and great-uncles to applaud with great enthusiasm.

Oh, yes, the blooms were lovely and the trophies competed for, as they are each year, with friends rivalry and great expectations, but no glory



1981 OZONE CAMELLIA COURT—The bright December sunshine was an asset to the 1981 Ozone Camellia Festival held at Slidell's municipal auditorium right across the street from city hall, where this photograph was taken of the entire court. Members of the court were Katharine Helene Holmes, Maid of Honor; Christopher Michael Kooney, Duke of Honor; Joy Elizabeth Soeller, Honor Maid; Catherine Alice Cartmill, Honor Maid; Ann Hay, Mary Lea Wilkinson, Denise Menard, Jill Hinton, Elizabeth Farrell, D'Ann Tollett, Kim Broom, Dorothy Rogers, Nora Newman, Sheelagh Kendrick, Kristin Hughes, Thomas Grush, Frank Hollon, Raymond Edwards, Scott Schwaner, Kenneth Affoler, Frank Mangano, Charles O'Neil, John Barrett, Phillip Johnson, Jeffrey Smith, William Howard, Carey Havert, Kevin Shannon, Queen Suzanne Hautot and Consort David Hart. (Photo by Studio 305.)



TIPTOE THROUGH THE CAMELLIAS—You'd never guess that Consort David Hart is thinking about the basketball tournament he has to play between the afternoon camellia show and the evening dinner dance, would you? Queen Suzanne takes it all in stride, though.



THEY CAME FROM MILES AROUND—Dignitaries came from Washington and Baton Rouge to pay respects to the 1981 Ozone Camellia royalty and enjoy the blooms. They are, from the left, State Representative Ed Scogin, Judge Gus Fritchie, Congressman Bob Livingston, Show Chairlady Barbara Nix, Mayor Webb Hart and Ozone President Walter Krzymowski.

was greater than ours that day.

Queen Suzanne and her court happily reigned over the events of the to their more familiar blue jeans for

day and the dinner dance in their honor at Pinewood Country Club that evening. They did, however, switch the informal and also traditional

breakfast hosted by the parents of Maid of Honor Helene Holmes, daughter of Dr. and Mrs. James Holmes, and Dr. and Mrs. Robert Nix.

The Men's Camellia Club of Pensacola invites You to

The 1981 Fall Convention of The American Camellia Society

IN HISTORIC PENSACOLA, FLORIDA
NOVEMBER 6, 7, AND 8

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HIGHLIGHTS OF THE ACS MEETING IN CHARLESTON

The Fall Meeting of the ACS, which was held in Charleston, South Carolina in November 1980, was highly successful. Virtually all of our Officers and Directors were present.

The *Convention Committee* reported that the Fall Meeting for 1981 would be November 5-7 in Pensacola, Florida. It was pointed out that the next Annual Meeting will be held in Charlotte, North Carolina March 4-6, 1982. The Camellia Society of the Potomac Valley asked to hold the Fall Meeting on October 29-31, 1982.

The *Research Committee* reported that no one had applied for the \$1,000.00 Dave Feathers Award for petal blight and that no one has as yet applied for the total award. The Fight Blight Fund is now at \$22,409.41, market value of investments.

The *Membership Committee* under Mrs. Henry Stone reported that there was a sizeable drop in membership from 5186 in 1979 to 4831 for 1980—a loss of 6.8%. She suggested that Directors make as much effort as they can personally to contact people who have been members and also to gain new members. Several reported that giving a camellia plant to a new member, particularly at a show, is a great way to get new members.

The *Ways and Means Committee* reported considerable success showing a gain of \$3,155.00 during the past year.

The *Fund Raising Committee* Chairman, Dr. Daniel E. Nathan, reported that there are now 28 members of the Presidents Club and that the total raised is approximately \$290,000.00 in cash, securities, pledges and promised bequests. He emphasized that now is the time to approach foundations and large firms in an effort to obtain sizeable gifts so that we may hire a horticulturist before the end of 1981.

9-168 on 10 & 8-534 on 10

The *Finance Committee*, through its Chairman, Dr. Earl Beatty, Jr., reported a net loss of \$494.70 for the fiscal year 1 July 1979—30 June 1980.

Elsewhere in this issue, you will find changes in the appointment of Novice and Accredited Judges that were made by the *Exhibitions and Awards Committee* Chairman Clyde Copeland and approved unanimously.

The *Publications Committee*, through its Chairman James McCoy, noted that the

February 1981 *Camellia Journal* would be a feature issue on species and that the November 1981 *Journal* would be a special issue on outdoor growing of camellias. The Guest Editor for the November issue will be James McCoy.

The Treasurer gave a most complete overview of the holdings of the Society and also noted the net loss for the year. She pointed out that the ACS staff at Masee Lane saves the Society about \$400.00 an issue on *The Camellia Journal* by doing the actual layout and paste-up.

The Executive Secretary gave a rather long report on the happenings of the Society, pointing out the considerable amount of work having to be done on replacing the large pump, small storage tank, several irrigation heads and an overhaul of the tractor-mower. He pointed out the successes of 1980—The Year of The Camellia, including an article in the U. S. *Congressional Record*. He advised the Society that the 1979 *Yearbook* won the Award of Merit, a top award for a publication by a plant society of the National Council of Garden Clubs. As he does at every meeting, the Executive Secretary asked all Officers and Directors to attempt to get advertising for the ACS *Journal*. It was pointed out that \$2,500.00 has been voluntarily contributed to a greenhouse 18' x 96' which should be completed by Spring of 1981. The new greenhouse will be for research and the old one for display purposes.

Election of Trustees

The Governing Board elected the Trustees for the ACS Endowment Fund for the Class of 1983. Those elected were Mrs. John W. Freeman, Dr. J. M. Habel, Jr., Jack Mandarich, Clyde X. Copeland, Payne H. Midyette, Dr. Daniel E. Nathan, G. F. Abendroth and Lewis Fetterman.

Mrs. Charles O'Malley will be added for the term expiring in 1981. Roy C. Stringfellow will replace Thomas C. Evans for the term expiring in 1982 and W. F. Mann will be added for the term expiring in 1982. Thomas C. Evans will become an *ex officio* member when he becomes ACS President in San Mateo in February 1981.

Election of Directors For The Pacific Coast Territory

Dr. Earl Beatty, Jr., Chairman of the *ad hoc* committee to count the ballots,

—ACS—

made the report of the final results for the Directors in the Pacific Coast. The Winners for Director-at-Large were: Mrs. Alton B. (Vera) Parker and William D. Stewart. Mrs. Parker was re-elected. The winner for State Director for California was Mrs. Charles (Marge) O'Malley; State Director for Washington/Oregon was F. Cooper Ratliff.

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Virginia Camellia Society Makes Contribution to ACS

The Virginia Camellia Society in February contributed \$1,000.00 to the American Camellia Society. In the letter of contribution they stated that the money can be "used wherever the Society would like to place it." This generous gift was placed in the general account of the Society.

Additionally, the Virginia Camellia Society recently contributed \$465.00 to the ACS Endowment Fund from the sale of the lovely *Camellia sasanqua* 'Our Linda'. There are still some grafts, scions and air layers of this lovely plant available. See the inside back cover of the August 1980 issue of *The Camellia Journal*.

FUTURE MEETINGS OF THE ACS

November 6-8, 1981	Pensacola, Florida
March 4-6, 1982	Charlotte, North Carolina
October 29-31, 1982	Washington, D. C.
February, 1983 (Exact date to be announced)	Dallas/Fort Worth, Texas

From the Desk of the Executive Secretary/Editor

Since last writing from this desk, we have had a very successful convention in Charleston and another very successful one in San Mateo, California. We will have the highlights of the meeting in San Mateo and a story about the meeting by James McCoy in the August issue.

Awards

At the banquet at the end of the ACS meeting in San Mateo, President Emeritus Charles R. Butler gave a short talk and citation naming the Executive Secretary, Milton H. Brown, the recipient of the prized Bronze Plaque Award. The Recognition Bronze Plaque is awarded for outstanding contributions for the advancement and welfare of the Society and of the aims and purposes of the Society. This came as such a surprise to the Executive Secretary that for the first time in his known life he was "speechless".

Also announced at this banquet were the selections of the Illges Seedling Japonica Award for the variety 'Man Size', originated by the late Walter F. (Hody) Wilson; the John A. Tyler, Jr. Miniature Award was awarded to 'Little Slam', originated by Nuccio's Nurseries.

David L. Feathers, Harold L. Paige and Jack Mandarich were awarded gifts of original water colors by the Peninsula Camellia Society for their outstanding activities in the field of camellias.

The Board of Directors unanimously elected Roy C. Stringfellow to become President Emeritus. Roy served two terms as an outstanding President of the Society.

Life Memberships

We are so pleased to announce that once more we have had added substantially to our Life Membership Roll and that of the Patron Memberships. Dr. J. I. McClurken of Ashland, Virginia and Mrs. George M. Wheeler of San Juan Capistrano, California in-

crease the number of Patrons to thirteen. Life Memberships were raised to 252 with the addition of the following Life Members: Toichi Miyanishi of Japan; Mrs. A. F. Spell, Hazelhurst, Georgia, Mr. and Mrs. Leslie Riggall of South Africa; Mr. and Mrs. Robert D. Schaub, Osprey, Florida; Mr. and Mrs. H. W. Goforth, Ocala, Florida. We have had long and continuous listing in each *Journal of Life* and/or Patron memberships. We hope that this will not be broken in our August issue.

Potpourri

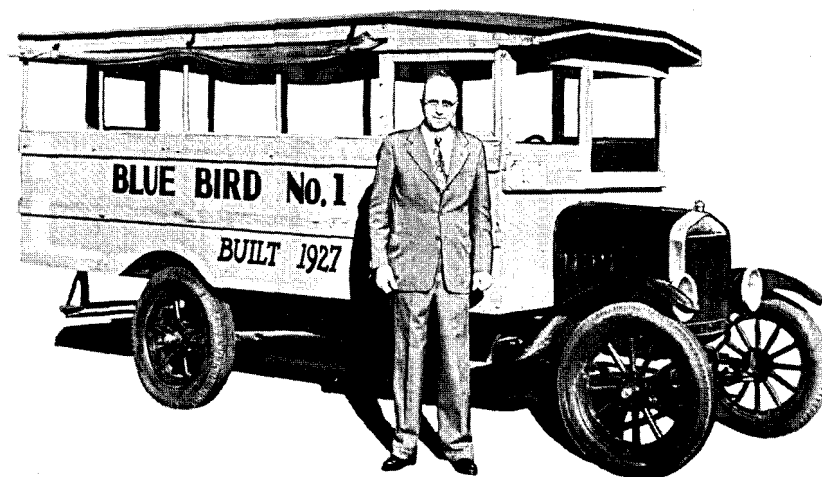
The beauty of camellias is seen not only in the lovely camellia shows throughout the camellia area, but also in non-competitive mini-shows in the malls and banks. Mr. Hugh Shackelford in Albany, Georgia once again displayed some 80 camellia blooms in the First State Bank there.

This is something that he does each year when the blooms are at their best to share his flowers with others in the community. The Middle Georgia Camellia Society has entered into three camellia shows this season with one of them being a local mini-show at the Houston Mall in Warner Robins, Georgia. We learned of other people who share their blooms in non-competitive banks and stores in their communities. This is a lovely way to spread the beauty and the joy of the flower that holds us all together in friendship.

Tom Dodd and his nursery in Semmes, Alabama has once again added to the beauty of Masee Lane. He contributed 100 *Lagerstroemia x faurieri*, a white crape myrtle; 50 *Camellia oleifera* plants; 10 *Lithocarpus hereryii* and 25 lovely 'Amy' azaleas. These will be properly planted throughout the gardens and along the county road leading into Masee Lane.

Despite a third record-setting winter, the camellias at Masee Lane are

(Continued on page 30)



Blue Bird No. 1, the first school bus that was manufactured by the Blue Bird Body Company is seen in this picture. All of you who come to the First Day of Issue Stamp Ceremony on April 23rd will have the rare opportunity of seeing this bus, manufactured in 1927. The founder of the successful company was Albert L. Luce, Sr., generally known as Laurence. Three of his sons, Albert L., Jr., Joseph P. and George E. carry on the business from Fort Valley. Over the years they have spread out and now have plants in the Midwest, Canada, Guatemala, and elsewhere in this country. They are even now expanding their plant in Fort Valley and beginning a new plant in Georgia. They also manufacture the fabulous Wonderlodge—the Rolls Royce of recreational vehicles. This family and this firm are most philanthropic and support virtually all of the worthwhile causes they learn about—this they follow in the footsteps of their father.

The afternoon of the Stamp Ceremony the Blue Bird Body Company will have conducted tours of their plant at about 2:30 PM. A bus will take you from Masee Lane to the plant in Fort Valley. You won't want to miss this real treat of Middle Georgia. We will need to know that morning—the morning of April 23rd just how many want to take this opportunity. Write and let us know or call and let us know. SEE YOU ON APRIL 23rd!

putting on a gorgeous display as I look out my window on this February 28th. We have had almost a continuous stream of visitors for the last two weeks and their comments are all in the category of gorgeous, breath-taking, outstanding and other superlatives.

The City of Fort Valley has had permanent signs saying "Welcome to Fort Valley—Camellia City" with a painting of the camellia 'Betty Sheffield Supreme' made for the three main highways into Fort Valley. This sign was designed by Helen Bryan of this office and will welcome visitors to the stamp ceremonies in April.

We were advised on February 25 that the "Heritage Conservation and Recreation Service has completed its review of the National Register nomination for the Marshallville and Vicinity Multiple Resource Area. Property you own which is identified in the attachment has been entered in the National Register of Historic Places." In the list mentioned is Massee Lane and Strother's Farm—headquarters of the American Camellia Society. Thanks to then Mayor Rachel Bickley of Marshallville, we served on the committee that worked toward this goal. This is a real honor for Marshallville and the various areas therein and for the ACS.

We thank all of you for your tremendous support of the American Camellia Society and of camellia growing. It was the support of each one of you that made it possible for the Executive Secretary to receive the Society's high honor.

—ACS—

A Camellia Society Cookbook

The Ways & Means Committee of ACS has under review a prospect of publishing a "Camellia Cookbook". Mrs. Neal (Bea) Rogers has accepted the job of pulling the material together. Already many recipes have been received from people learning about this exciting prospect.

(Continued on page 31)



FIRST LADY ROSALYNN CARTER PRESENTS STAMP PROCLAMATION

First Lady Rosalynn Carter presents to the Executive Secretary and Mrs. Brown the proclamation announcing a camellia stamp, along with other flowers, to be issued at Fort Valley, Georgia on April 23rd, 1981. This pleasant visit to the White House was on December 17th, 1980. The gracious First Lady then chatted with the Browns for a while and then gave them a personally conducted tour of the White House where all of the lovely Christmas decorations enhanced the beauty of our "Home of the Presidents". She then introduced the Browns to Lynda Bird Johnson Robb who was in the White House having pictures taken of her children in front of a lovely creche given to the White House when her father, Lyndon B. Johnson, was President. Mrs. Carter then took her camellia guests to the state dining room already decorated for a festive reception. Cookies and warm cider enhanced the warm feeling of being in a home—not a shrine. Mrs. Carter was most pleased with the camellias that were presented that day to her by members of the Camellia Society of the Potomac Valley. Two large arrangements of them were in this reception room and they were, by her direction to the staff, to be taken to the reception and to the private quarters to be enjoyed later on that day. She twice called for the President but he was engaged in state affairs in the Oval Office meeting with Cabinet and Security Council officers.

Mrs. Carter's love of camellias was carried on when, at the request of Mrs. Clarence Dodson, camellias played a part in the welcoming home ceremonies for the Carters in Plains on January 20th. The camellias were furnished by Massee Lane, Marvin Jernigan, Frank Jamison and Dr. Daniel E. Nathan. Ann Blair Brown was selected by Mrs. Dodson to pin a camellia on Mrs. Carter; Mrs. Barbara Draughton pinned a "replica" bloom of 'Grand Slam' on Mrs. Busbee, wife of Georgia Governor George Busbee; Mrs. Sarah Ambrose pinned one on Amy Carter; Mrs. Dodson gave one to Mrs. Roselle Bell, President of the Garden Club of Georgia, Inc. Other ladies on the platform were given camellias to wear and the remainder helped decorate what has to be the world's biggest ever covered-dish dinner. Time magazine noted that Mrs. Carter wore lovely red "Georgian camellias".

The Carters and other leaders of his Administration were cheered on by some 6,000 who braved the cold and rain to welcome home their townsman and state and national leader. Governor Busbee and members of the Georgia Legislature were in the crowd.

(continued from page 30)

At the meeting in San Mateo, it was decided that we should include a short article in this issue asking all members who wish to do so, to participate. If you have a favorite recipe that you wish to be considered for inclusion, please type it on a 3 x 5 card and send to Mrs. Neal Rogers, Route 3 Box 546, Theodore, AL 36582 before 1 November, if possible.

The recipes will then be reviewed and the format of the book decided upon. It is particularly hoped that some of our overseas members will send in their pet recipes to be considered also.

It is understood, of course, that every recipe sent in may not be published because there is a possibility a book could be overweighted with any particular items.

The Ways & Means Committee hopes that everyone will cooperate so that this exciting cookbook can "hit the streets" in 1982.

Show Dates

(ACS Cooperative Shows)

Place, Location and Sponsor	Date
Washington, D. C., U. S. National Arboretum Camellia Society of the Potomac Valley	October 31, 1981
Greenville, Alabama, Greenville Camellia Society	November 14-15, 1981
Fort Valley, Georgia, Massee Lane Headquarters of ACS, Middle Georgia Camellia Society	November 14-15, 1981
Valdosta, Georgia, Garden Center, First State Bank & Trust Co. and Valdosta Camellia Society	November 21-22, 1981
Gulfport, Mississippi, Gulfport Area Camellia Society, Inc.	November 21-22, 1981
Pineville, Louisiana, Twin City Camellia Culture Club	December 5-6, 1981
Slidell, Louisiana, Ozone Camellia Club	December 5-6, 1981
Brookhaven, Mississippi, Main Office of Brookhaven Bank & Trust Co., Brookhaven Camellia Society	December 5-6, 1981
Moss Point, Mississippi, Merchants & Marine Bank, Moss Point Camellia Society	December 12-13, 1981
Pensacola, Florida, Municipal Auditorium, Men's Camellia Club, Inc.	January 9-10, 1982
Baton Rouge, Louisiana, Baton Rouge Camellia Society	January 9-10, 1982
Aiken, South Carolina, Aiken Camellia Club	January 23-24, 1982
Monroe, Louisiana, Northeast Louisiana Camellia Club	February 20-21, 1982
Fort Worth, Texas, Fort Worth Camellia Society	February 21, 1982
Washington, D. C., U. S. National Arboretum, Camellia Society of the Potomac Valley (In conjunction with ACS 33rd Annual Fall Meeting)	October 30-31, 1982

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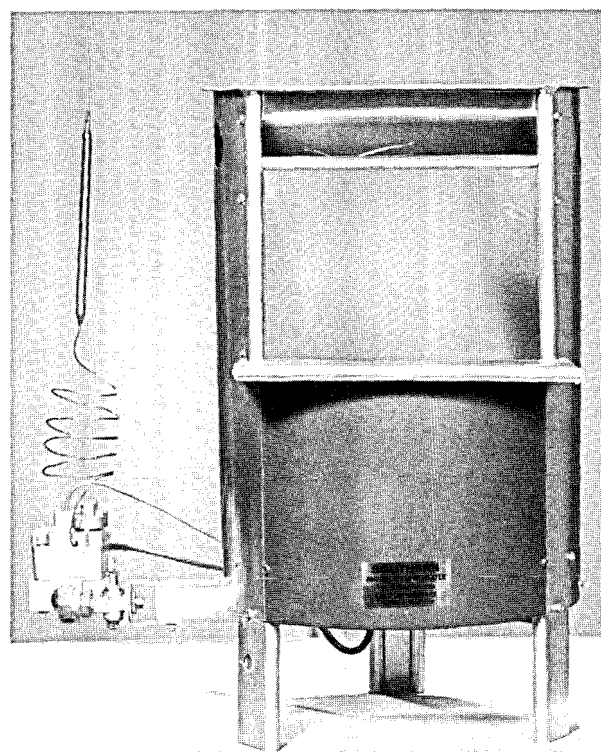


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Mr. & Mrs. S. H. Black
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Miss Margaret Oliver
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Northport, AL 35476

ARKANSAS

American Rock Garden
Society
% Don Peach, Sec.
Rt. 1, Box 282
Mena, AR 71953

CALIFORNIA

Helen Doggett, President
Atwater Camellia Society
3086 Chardonnay Way
Atwater, CA 95301

The following list of members represents additions and changes since the *Membership Roster-1980* was printed last fall. New members are listed by states and cities, as are any changes in membership from/or/to Joint Membership, Life Membership, Patron Membership. It is our plan to print such a list in each issue of *The Camellia Journal* to keep you abreast of this information, if you so desire.

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Berkeley, CA 94703

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The Registration And Naming Of "Pink Jade"

HAROLD AND MARY PAIGE

There is an untold story behind the registration of many new camellias that would answer many unasked questions: Why register another seedling which will sound, in *Camellia Nomenclature*, like just another semidouble, pink camellia? How and why was that name chosen? Why did registration take so long?

Our seedling (#65-5), now registered as 'Pink Jade' has bloomed in our garden for fifteen years. From the beginning everyone—especially the ladies—liked it and wanted it. In a lath-house filled with spectacular varieties, this pale pink, semidouble more than held its own. It was the one variety a friend wanted to move with her to Grants Pass, Oregon. Her verdict, after four winter seasons, persuaded us that we may have unknowingly produced a truly cold-hardy camellia. The following reports

convinced us the seedling must be named and registered immediately, so it can play its part in testing for cold hardiness in differing cold-weather areas. It is a heavy seeder!

Winter of

1976-77 At or below freezing 108 out of 140 days. Only 5 days above 40° F. Low: 6° F. Pink Jade is one of only two camellias that survived freezing. In full bloom during hard frosts, only a few blossoms browned around edges.

1977-78 Two feet of snow in November. Snowbound several days. Low: 12° F. Nov. 20. Rained 141 of 188 days.

1978-79 Winter much colder than normal. All Sasanquas, and many other plants reported to survive in this area, froze. Lost 100 ft. of cast-iron pipe which split,—also 3 brass electric valves and

several brass faucets. THIS IS NOT CAMELLIA COUNTRY SO SURVIVAL OF PINK JADE IS UNUSUAL. In Spring, plant loaded with blooms larger than ever.

1979-80 Weather here is just not right for camellias. Usually freezes just when Sasanquas bloom in the Fall, and again during spring bloom. We must disconnect irrigation system to keep pipes from freezing and even then lose pipe. Pink Jade withstood this winter very well. Loaded with blooms.

Comments. "The delicate pinks of this exquisite bloom are unrivalled in the camellia family, in our opinion. The former owner of a Grant's Pass Nursery exclaimed: 'It is one of the most beautiful camellias I have ever seen.' Everyone seeing our plant falls in love with it and wants cuttings. So far we have kept our promise not to give any until it is released. In retrospect, this does not seem to be camel-

lia country, which makes the survival of Pink Jade all the more interesting and important."

The Story Behind the Name.

Just back from China and Taiwan, a friend visited our lath-house and headed straight for our modest, semi-double, pink seedling and exclaimed: "What an exquisite bloom! It looks just like pink jade. What is its name?" "You've just named it yourself," was our reply, "but did you actually see any pink jade while you were in the Orient?" She admitted she had not.

Thus began a fun-filled search that led us to San Francisco's many museums and Chinatown's beautiful gem stores. A friend going to the Orient achieved instant reputation as a jade expert merely by asking to see a piece of pink jade in a large museum on Taiwan, the museum insisting that pink jade did not exist. Richard Gump, of San Francisco's Gumps, referred us to the Seattle Art Museum, which owns a piece of "pink" jade, used as an illustration in his book, "Jade—Stone of Heaven," with the caption, "A rare pink jade, one of the few examples known of this color appearing in nephrite." Two letters to Japanese officials in Tokyo to locate the origin, produced no reply.

The challenging search gave us an

amusing result, which gave Pink Jade an unusual reputation of its own in the world of international scientists. Neighbors in such a group were among the first official guests of the Republic of China after President Nixon opened the door. Their search for pink jade, made in our behalf, ended on page 28 of "China Journal. Report of a Visit to the People's Republic of China", May-June, 1973. The group having been served strawberry flavored soft drinks, one scientist joked: "This is the closest to pink jade we have seen so far!"

So our Lafayette seedling has achieved a sort of immortality, while serving as an example of the fun and education that can result in trying to register and name a camellia!

Availability

No plants are available for sale.

Scions: Members of Northern California Camellia Society Research Committee will provide scions as long as they are available. Mail check for \$2.50 with instructions for mailing date to

N.C.C.S. Research Committee,
1212 Monticello Road,
Lafayette, CA., 94549.

Phone: (415) 283-3408

All proceeds to be used for research purposes by the Committee.

—ACS—

Mr. Charles Newman

By Mrs. Sally J. Savage

Growing camellias in Western Australia has become possible and a pleasure because of the untiring work and devotion of Mr. Charles Newman. Since 1915 he has devoted much time to finding the right way to grow and propagate "The Queen of Winter Flowering Plants"—his name for camellias.

Culture has not been easy as our soil and climatic conditions are so different to most places. Early books were of little use. Mr. Newman made many visits to Sydney and Melbourne to study camellia culture and conditions at nurseries and homes of people he knew growing them. On his return he tried to apply what he had learned to our conditions and climate, and after much trial and error, was able to propagate and grow them successfully here.

One of his great joys and inspirations was meeting and becoming a firm friend of

the late Professor E. G. Waterhouse. Many happy and fruitful hours were spent with him and his wife at their beautiful home. He promised the late Professor Waterhouse he would form a Society here in Western Australia. This promise took many years to fulfill, but a Society was eventually formed in 1973.

Most of Mr. Newman's life has been spent helping people grow camellias. On the mention of his name you automatically think of camellias. He is always willing to go and talk at clubs, garden centres, on the air, or anywhere else, if it is to promote camellias. After much coaching and guiding, there are many, many people growing camellias who believed it was impossible to grow them here till they talked to Charles Newman. The title of "Mr. Camellia" has not been gained lightly or easily. So much of his life has been devoted to growing and

promoting them that the two names go together quite naturally here. This may not seem very much to people of the Eastern States who have so many avenues open to them. Here in Western Australia we only had Charles to develop the love of this beautiful flower. The Society here aims to carry on the tremendous promotion he has so successfully carried out.

Mr. Newman retired from active business in 1972, but still maintains an extensive camellia garden at his home. He is still just as busy propagating his beloved plants. This is his way of helping camellia growers both old and new. Knowledge gained over many years is always willingly shared.



Mr. Newman is seen here receiving The Award of Honour from former Labour Premier, the Honorable John Tonkin, a keen camellia grower and Patron of the West Australia Branch of the Australian Camellia Research Society. The national meeting in Australia in October will be in West Australia. Mr. Newman was the founder of the West Australia Branch—a most active group. (Photo courtesy of West Australian Newspapers, Ltd.)

STATEMENT REQUIRED BY ACT OF OCTOBER 23, 1962; Section 4369, Title 39, United States Code, SHOWING THE OWNERSHIP, MANAGEMENT AND CIRCULATION OF *The Camellia Journal* published four times a year at Fort Valley, Peach County, Georgia. (Date of filing: May 1, 1981.)

The names and addresses of the publisher, editor and managing editor are: Publisher, American Camellia Society, Box 1217, Fort Valley, Ga.; Editor and Managing Editor, Milton H. Brown, Fort Valley, Georgia.

The owner is: American Camellia Society, Inc., Box 1217, Fort Valley, Georgia. No individual owners or stockholders (A non-profit organization).

The known bondholders, mortgagees, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages, or other securities are: None.

The average number of copies of each issue of this publication sold or distributed through the mails or otherwise, during the 12 months preceding the date of filing (May 1, 1981) was 4,600. Single issue nearest to filing date: May, 1980.

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

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

MILTON H. BROWN
Editor

CAMELLIA RETICULATA — A CORRECTION

T. DURRANT

In the study reported as 'Some Comment on Camellia reticulata' (in N. Z. Camellia Bulletin Vol. V, No. 4, dated November 1967 and subsequently republished in Britain, U.S.A. and elsewhere) reference was made to two cultivars obtained, with others, from China in 1964. These were

C. reticulata 'TAOTAOHUNG'—
'EARLY CRIMSON'
and *C. reticulata*
'MAYEHYINHUNG'—
'RETICULATE LEAF
SPINEL PINK'

The plants were labelled with translated names in English, there were two of each variety, all of them showing extensive virus induced leaf variegation. Only one plant labelled 'EARLY CRIMSON' survived shipment and this, after producing one or two flowers, became so heavily affected with virus that it failed to make any growth with which it was possible to propagate. After 10 years the plant was barely 60 cm high and had produced very few flowers, which were small and of inferior quality. Finally, in 1974 we were able to make a successful graft on to a seedling *reticulata* stock, the resulting plant still showing virus variegation but growing freely and first flowering in 1979.

Meanwhile, the plants labelled 'Reticulate Leaf Spinel Pink' had grown and flowered freely and, in recent

years set a considerable quantity of seed. We made several grafts on to *reticulata* seedling stocks, scions were distributed on request and plants appeared in nursery catalogues under this name. Seeds, also under this label, have been distributed world wide.

When the successful propagation of the plant labelled 'Early Crimson' flowered in 1979, it became obvious that it was identical with those being grown under label 'Reticulate Leaf Spinel Pink.' Mr. T. Savige, President of the International Camellia Society was visiting us at the time and concurred with this opinion. This left us unable to be certain which of the two varietal names correctly belonged to the plants we had.

Fortunately, when Mr. Savige visited Kunming early in 1980, he was able to establish that they were, in fact, TAOTAOHUNG — 'EARLY CRIMSON'. The purpose of this comment is to notify that any plants deriving from our 1964 shipment as 'Reticulate Leaf Spinel Pink' should be relabelled as 'EARLY CRIMSON'. The female parentage of plants raised from seed distributed as from 'Reticulate Leaf Spinel Pink' should be similarly corrected.

Note: The Pinyin equivalents of the transliterated Chinese names given are

'Early Crimson'—
ZAOTAOHUNG
'Reticulate Spinel Pink'—
MAYE YINHONG

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Pensacola:

Richard E. Michael

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Mrs. Porter O. Fairchild (Nov.)

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Houston:

Mrs. Milton A. Surles (Nov.)

—ACS—

(Continued from Cover 3)

The Garden Club of Georgia, Inc., will be hosting the national convention in Atlanta of the National Federation of Garden Clubs from 19 April to 22 April. Many conventioners may make the trip to Fort Valley for the First Day of Issue. Mrs. R. Arthur Bell, Cairo, President of the Garden Club of Georgia, Inc., is a good friend of the ACS and, with her husband, is an excellent grower of camellias. Both are Accredited ACS Judges.

The Co-Chairmen for the day are Postmaster G. Warren Thompson, Dr. Nathan and Brown; Finance Chairman is Dr. Earl Beatty, Jr.; Transportation, Capt. Austin Barnett, Jr.; Philip Ireland is the advisor to the Stamp Committee.

The flower that will be featured on the camellia stamp is the 'Betty Sheffield Supreme', a camellia that was originated in Georgia. The other three flowers sharing the spotlight are the rose, dahlia and lily. This camellia is a Show winner throughout this country and abroad as well.

Your visit to Georgia could be pleasantly extended to a visit to Atlanta. On April 25th will begin a "one-man showing" by Lowell B. Nesbitt of New York, the designer of the camellia stamp. It will be at the Fay Gold Gallery, 3221 Caines Hill Place, Buckhead, Atlanta, Georgia 30305. Mr. Nesbitt will be in Fort Valley as an Honored Guest on April 23rd and will be available there to autograph First Day Covers.

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American Camellia Society

FORT VALLEY, GEORGIA

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(With four floral stamps; including 'Betty Sheffield Supreme', affixed \$2.00 each; twenty or more to same address \$1.75 each. Self-addressed envelope with order appreciated. Available through June.)

Camellia Stamp to be Issued April 23, 1981 at Fort Valley

Fort Valley, Georgia has been designated by the U. S. Postal Service as the place for the First Day of Issue of a stamp commemorating the camellia. The stamp will be issued at a ceremony to be held in the Peach County High School auditorium April 23, 1981. Included in the guest list is former President Jimmy Carter and Mrs. Carter, both of whom were instrumental in getting the stamp issued.

The camellia stamp, which will be one of four flowers honored that day, will be issued on a first day cover (envelope) which will feature a color picture of the headquarters of the American Camellia Society at Massee Lane and an 'Elegans' in full bloom.

Mr. and Mrs. Milton Brown were called by First Lady Rosalynn Carter in early December and were invited to the White House to receive the proclamation naming the camellia for a First Day of Issue. Mrs. Carter told the Browns that she and her husband would do everything possible to be in Fort Valley for the April ceremony.

The quest for the camellia stamp

started in 1976 when Dr. Daniel E. Nathan and Brown contacted U. S. Representative Jack Brinkley about the idea of having a stamp issued commemorating the camellia. Brinkley coordinated the request to the U. S. Postal Service with the entire Georgia delegation. During the following years, members of the American Camellia Society kept working with Rep. Brinkley and others trying to get the Postal Service to consider the camellia. He also had remarks about the camellia and ACS printed in *The Congressional Record* in May, 1980.

The breakthrough came at the Middle Georgia Camellia Society's fall show held at Massee Lane on Nov. 8, 1980. Dr. Nathan and Brown told a show judge, Mrs. Ann Dodson of Plains, that they were sorry that the Society had not been able to get a stamp issued. Mrs. Dodson, a personal friend of the Carters, took the matter up with Mrs. Carter. Shortly afterwards President Carter sent a handwritten note to Postmaster General William F. Bolger requesting that the

Postal Service consider the camellia.

The official Postal Service announcement notes that the camellia stamp is being issued "at the request of President Carter".

The April 23rd ceremony will be held in the High School auditorium beginning at 10:30 a. m. In addition to the Carters, those expected to attend will be Governor George Busbee, Senator Sam Nunn and Representative Jack Brinkley. In addition to the special guests, everyone is asked to attend the ceremony. Everyone in attendance will receive a special souvenir program and they can buy the covers (with each of the four new stamps affixed) for \$2.00.

After the ceremony at the High School, the invited guests will be served a Georgia chicken barbecue dinner at the Society headquarters at Massee Lane. Members of the Middle Georgia Camellia Society will also sell plates of the barbecue, beginning at 1:15 p. m. to the public at the same time for only \$4.00. *Reservations and payment to be made prior to April 15th.* (Continued on page 36)

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or 12 miles west of Interstate 75 from Perry,
Georgia, then North on State 49 at Marshallville.
Offices and Boehm Gallery open Mon.-Fri. from
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afternoons during blooming season—November
to mid-March. Gardens open every day.

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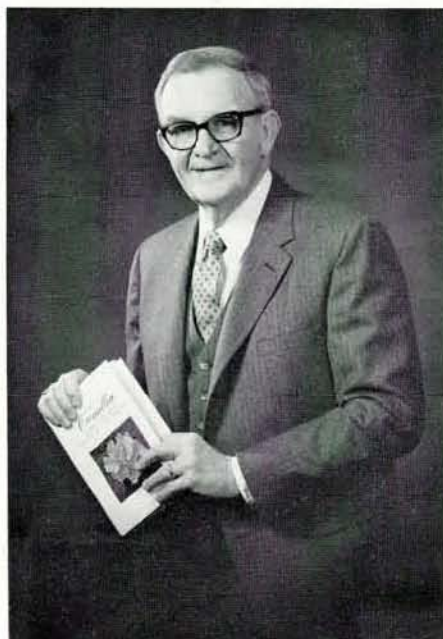
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President's Message



I am deeply grateful for the honor
bestowed upon me by the Board of
Directors in electing me your President. I know it will be a challenge to
effectively lead our esteemed American Camellia Society in the distinguished manner established by Roy Stringfellow and his predecessors. However, I am determined to uphold our objectives and will do everything in my power to advance these goals. This is going to require help from each of you, in one form or another.

Many of you have agreed to participate on the various committees that are responsible to the Governing Board. Others assist untiringly at Headquarters in conducting tours, grafting, making repairs and carrying on the myriad of duties involved in providing central services for our members and visitors. Still others travel many miles to conduct symposia or speak to local garden or camellia clubs about our Society. Then there are those who take on the burden of organizing, planning and executing the conduct of our Fall and Annual Meetings. To all of these people, your Society extends its thanks for jobs well done. Without your per-

sonal sacrifices, we'd quickly cease to be a viable organization.

Now, in addition to those of you who are active, we have many members who belong solely to receive our publications. I can understand that it's impossible to be an active participant in every field of endeavor, and each must choose those of greater interest. However, we want your opinions on the course the American Camellia Society is following. To this end, please write to me directly or to our Executive Secretary, Milton Brown, at Massee Lane. This need not be a formal, typed letter; a postcard or note quickly scratched on any available slip of paper will suffice. It is your opinions on matters affecting our Society that I'm looking for so that we can better provide you the help you need.

One of the current concerns of some members is the change we made in the Yearbook of 1980. The Governing Board elected to change to a soft cover for the Yearbook, as an alternate to increasing annual membership dues to offset the cost of our usual hard cover. A few of you have voiced objections to this decision, but so far little has been heard from those who support the Board's action. Please take the time now to drop me a line and let me know how you would like us to handle this in the future.

Since this is being written before our Annual Meeting in San Mateo, California, I can't report the outcome of that meeting. I do know that the Peninsula Camellia Society has expended a lot of effort in preparing both technical and social programs designed to make everyone's visit stimulating and enjoyable. I wish you all had been there to express appreciation to the Bay Area personnel who were responsible.

Our Society has made substantial progress since it was organized in 1945. We have an excellent physical plant at Massee Lane, a devoted group of employees and friends in the Fort Valley area, our publications are of excellent quality and we have

(Continued on page 2)