

A Publication of the Southern California Camellia Society



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# Southern California Camellia Society Inc.

An organization devoted to the advancement of the Camellia for the benefit of mankind — physically, mentally and inspirationally.

The Society holds open meetings on the Second Tuesday of every month, November to April, inclusive at the Hall of Environmental Education, Arboretum, Arcadia. A cut-camellia blossom exhibit at 7:30 o'clock regularly precedes the program which starts at 8:00.

Application for membership may be made by letter to the Secretary. Annual dues, \$15.00

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WARREN DICKSON, Secretary-Treasurer 1935 Apex Los Angeles, CA 90039 Tel. (213) 661-8453

Tel. 444-4698

Tel. 799-7363

SERGIO BRACCI, Vice-President 5567 N. Burton Ave., San Gabriel 91776 Tel. 286-4338

MILTON SCHMIDT, Foreign Representative 1523 Highland Oaks Dr. Arcadia Ca. 91006 Tel. (213) 446-5525

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P.O. Box 34
Waikanae Beach, New Zealand
BARBARA CAMPBELL
3 Horace St., St. Ives, NSW
2075 Australia

The CAMELLIA REVIEW: William W. Donnan, Editor, 700 South Lake, #120, Pasadena 91106 Tel. 795-9427

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# TABLE OF CONTENTS March-April 1984

No. 4

Vol. 45

A Camellia Profile (Ken Hallstone), Helen Augis	5
Callaway Gardens, Fred C. Galle	24
Camellia Plants For Sale	13
Flower Arranging As An Art Or As A Hobby, Margaret Ingram	3
Higo Nomenclature Corrections	13
Multicolored Camellia Seedlings, Bill Woodroof	27
News Of The S.C.C.S. Board Of Directors, Bill Donnan	6
Random Thoughts From A Camellia Hobbyist, Robert C. McNeil	5
Show Results	16
Southern Cal Camellia Council Judges Symposium, Ernie Pieri	23
Yellow Is Busting Out All Over, Meyer Piet	8

#### THE COVER FLOWER

The cover flower is a C. chrysantha seedling named 'Olympic Gold.' The seed was planted in March 1980 and the grafts from the seedling have bloomed on February 1, 1984. The bloom is a small (2 to 2½ inch) bright yellow single form with deep golden stamens. The plant has a vigorous, upright growth with large dark green, quilted leaves. This cultivar was propagated by Meyer Piet and Lee Gaeta (See article on page 8 of this issue). The photograph was taken by Pietrokowsky and the color separations are courtesy of Meyer Piet.

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# **THOUGHTS**

# from the editor

I have often been accused of being too personal in the editorials I have written for CAMELLIA REVIEW. I am afraid that, this too, will become a personal espousal. The reason being that this is the last THOUGHTS FROM THE EDI-TOR which I will write. I count it as a privilege and a high honor to have been retained as your Editor for the past nine years. I have also come to the conclusion that it is time for me to step aside and let someone else carry on. Luckily, we have such a person. Mr. Glenn Smith, of San Marino, has agreed to take on the job beginning in June, 1984. He will be the editor for the next year and I hope that you will all give him the same splendid support you have given to me over the years. These nine years have been happy and rewarding ones for me. Writing about camellias has been a facet of the hobby which has appealed to me. Furthermore, the mantel of Editor, gives one a powerful entree into the sub-conscious of other hobbyist's minds. I have made countless friends all over the camellia world, most of whom I have never met, but whom I treat (and who treat me) on a firstname basis. Now I will slip back into the nameless comfort of "buck private" status. I am looking forward to this circumstance. While I have this opportunity, I want to thank all of you readers who have contributed articles for the REVIEW during my tenure. Believe me, without your help and your contributions, the magazine would, long ago, have fallen by the wayside. Some time ago I read a quotation attributed to Francis Bacon and written about 1600. It goes like this: "I hold every man a debtor to his profession; from which as men of course do seek to receive countenance and profit, so ought they of duty to endeavor themselves, by way of amends, to be of help and ornament thereunto." I will simplify Mr. Bacon by stating that: "If someone gets enjoyment out of his hobby he ought to feel that he owes the hobby his full support and assistance." I intend to help the hobby of camellias in any and every way that I can in the future.

Bill Jouran

# For Sale 18th REVISED EDITION OF 1984 CAMELLIA NOMENCLATURE

Individual copies \$10.00 postage paid 10 Copies or More \$7.50 postage paid Southern California Camellia Society P.O. Box 50525, Pasadena, CA 91105

#### FLOWER ARRANGING AS AN ART OR HOBBY

#### by Margaret Ingram

Flower arranging is an art form—there are no hard and fast rules. We are all artists. Those of us who love flowers, appreciate color, form, line, light and dark, texture—the things that artists look for.

Flower arranging, like photography, makes one really *look* at things. Plants that we formerly considered noxious weeds, when dried become beautiful. Two women, members of the church I belonged to in Pasadena, put on a weed show every year, and people came from all over Southern California to see it.

The *mechanics* of flower arranging are as necessary as in any art form. Let's consider some of them.

Container: We need containers (if using fresh materials that need water). They need to be large enough to contain enough water to keep our flowers fresh.

These containers don't have to be expensive or complicated. Simple bottles, such as salad bottles and other bottles that we normally throw away when used, if of a pleasant shape are interesting and satisfactory.

Cups to hold water can be as simple as an empty tuna can which has been cleaned and sprayed with dull black paint. These can be nicely concealed in an arrangement of drift wood, rocks, etc. They are good inside baskets, too—those that can't hold water.

Stands under an arrangement help to tie all together and give an arrangement unity. These can be a slab of wood, a mat, piece of structural glass, slate, etc.

Flower holders: The most useful of these are the "pin frogs," which can be secured in place with non-hardening plastic modeling clay. The clay can be made into a long roll and pressed in place around the bottom edge of the pin frog. It can also be used in several balls pressed in place. Be sure that it is secure on both the frog and the container. Really press down hard to do

this, so the arrangement doesn't pull it free and fall over. Both the container and the pin frog should be absolutely dry at this point.

Glass frogs will also work when secured with the above clay. Their only disadvantage is that the plant material cannot be manipulated as easily as with the pin frog, since the holes in the glass frogs determine the angle of the stems.

Hardware cloth can be used in deep containers, where a "frog" would not normally fit. One-quarter to threeeighths inch mesh, depending on small or large branches used, is good. These have to be tailor made to fit each container, but once made and installed, are permanent. Cut the hardware cloth the full width of the mesh. (You will need tin snips—or perhaps the help of your hardware salesman.) Make it one inch shorter than the vase is tall, so the mesh will be hidden from view. Using a piece of round wooden doweling (or a wooden spoon handle or large pencil), lay the mesh out flat and place the dowel crosswise at the end nearest to you. Roll the mesh over the dowel, turn the mesh over, and again lay the dowel crosswise and beside the hump made by the first roll. Continue turning and rolling the entire piece of mesh. It will now appear corrugated. Roll up this whole rippled strip as tightly as possible and then fit it into the container. If the roll is too large, cut off enough to allow it to fit firmly. Be careful not to force it much, since the pressure can crack a container.

If the roll is too small, prepare a smaller strip and fit it in with the larger one. With odd sized containers, sometimes a number of smaller pieces must be fitted together to make a holder solid. It is important to make it *solid* so that the branches can be held in place.

For temporary holders, such plant material as ferns, evergreens (spruce, cedar, cypress or juniper) can be packed in

firmly and vertically. It is hard to keep the water fresh in such an arrangement, however, and water should be

changed every few days.

Bowls: Ceramic bowls, especially stoneware in soft colors—gray greens, earth tones, browns, etc. are good. They are most practical because they don't rust or discolor. They don't need special containers inside to hold water as baskets do and you don't need to hide the "pin frogs" and mechanics as you do with glass. Note: avoid bowls that are too highly decorated, or too brightly colored, if you want people to look at your flowers and not the vase.

*Principles of flower arranging*—or ideas that help.

1. Keep it simple.

2. Put *like* materials together. Don't scatter them throughout the

arrangement.

3. Have a *focal point* of interest, so the eye doesn't wander all over the arrangement. When you feature something, let it be dramatized.

4. Don't crowd things in. (Let the butterflies fly through.)

 Place plant material the way it grows. Don't push or place things in unnatural or odd angles.

 Think of opposition or contrast. Soft petals, hard leaves; fine foliage, large leaves; round leaves, narrow leaves; etc. If variegated leaves are useduse only one variety of them, as they can get too "busy," very fast.

 Unity: Such things as consistency, ie. earthy bowl with strong foliage and flowers; delicate container with delicate blossoms.

Odds and ends: Bottle arrangements can be made by gathering all the plant material in one hand, the way you want it to look when finished. Then, put the whole arrangement in the bottle in one unit. Bottles have to be checked for water level every day. Use a narrow spouted watering can.

Flower keeping compounds such as "Floralife," used in the water will sometimes hold an arrangement fresh for several extra days. Sugar in

the water works, too.

If you aren't sure how long a flower will last, make two arrangements and put one in your home and the other in the church or flower show where you plan to show them. Some materials keep much better than others.

Thin stems can be put inside the hollow stems (short piece) of other plant material to make them hold on the pin frog needles. Hard stems can be scored in "X" on the bottom with a sharp knife to fit on "frogs." "All green" arrangements are handsome, when contrasting leaves are used and when flowers are not available.

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## A CAMELLIA PROFILE NORTHERN CALIFORNIA'S AMBASSADORS OF GOOD WILL

#### by Helen Augis

We know that many of you are not aware of an embassy in Lafayette, CA, but to hundreds of Camellia hobbyists here and abroad, 996 Victoria Court is the address. The hospitable, congenial Ambassadors, Ken and Kay Hallstone have welcomed visitors from the U.S.A., New Zealand, Australia, Japan, England, France, China, and Africa.

Sometimes it's a brief visit, tea or cocktails, but more often it's a stay of several days. This not only includes visits to local camellia gardens and collections but a sightseeing tour with the Hallstones acting as tour guides. It might be Carmel, the Wine Country, San Francisco, Jack London Square, Lake Tahoe, and it's not surprising to be driven to all of these sights and more.

The Hallstone Camellia Garden and their charming home is indeed a haven with a beautiful pool and lanai to relax in plus the enchanting old gnarled oaks and camellias on the banks of a small stream. The warmth and friendliness of the host and hostess gives you that "special feeling," immediately you feel you belong. Over coctails Ken enthusiastically tells you of his hybridizing, fragrance and the Yellow Camellia. This is the "build up" to take that walk to his hybridizing "lab." As he explains what he's doing and hoping to achieve you suddenly feel that you have missed so much until you meet this outgoing man.

While you are out in Ken's garden the kitchen is humming. Kay is a gourmet cook. Always there is a wonderful surprise to taste and enjoy. This gracious lady with that Irish sense of humor is a most delightful person and hostess. I know as she is one of my dearest friends.

Kay can put a tour of unexpected camellia visitors together in a wink.

This has happened several times and at the last ACS meeting in Northern California was in charge of all the tours. Organized and friendly are these two people, a pair that is tops!

Ken and Kay give generously of their time to Camellia Societies and people. Ken is a most interesting, informative, and entertaining speaker. He is on the Northern California Society Research Committee; very active in the International Camellia Society; a former ACS Vice President from California and has served in several capacities in local, state, national, and international Societies. Truly deserving every honor he has received, this modest man takes it in his unassuming way. Through the Hallstones congenial, benevolent ways good will has been spread throughout the Camellia World.

# Random Thoughts from a Camellia Hobbyist

by Robert C. McNeil

When we came home from our last Camellia show of the season I went down to the lath house and watered and showered down our plants. Being now free of the strain of having to produce the very best show quality blooms for every weekend, free of blemish or water spot, I could now wash off the dust of two months. The plants seemed to sigh with relief. It has been plain to see, the last few shows, that others, too, were having a dry season. Lots of flowers showed dusty leaves, though some really dedicated people had worked their displayed leaves over with houseplant-type "leaf polish." Maybe we should work that hard, too. Right now there's a lot of grafting to be done.

At the Bakersfield Show Dinner I was able to quote Doctor Yamaguchi,

retired from the University of California, on the subject of grafting. How would all of us like to be able to graft without fungicides, aluminum foil, inverted jars, or baggies? It seems to be possible. There is now outside our lath house a double graft of two kinds of apples on a single two-gallon root stock, cased in paraffin. One scion is of the Israeli "Anna" apple and the other is of its accepted pollinator. Both are feathering their tip leaf buds. Just as Dr. Yamaguchi said: The wax that keeps the fungus infections out and the moisture in will open up and let the leaves develop.

The Doctor said he would like to see some Camellia people try the method. The procedure isn't too difficult or complicated. The paraffin is kept at temperatures between 90 and 110 degrees Centigrade. The scion is dipped rapidly and then plunged immediately into cold water to prevent heat damage. The graft area of the root stock is washed with rubbing alcohol and the cut and cleft are made. The scion is cut right through the wax to the standard wedge shape and inserted into the cleft. The joint is not wrapped with grafting rubber, but is just tied with narrow rubber bands, to allow the hot wax to be applied to the whole graft area with a small paintbrush. To get the melted wax into the cleft still open under the rubber and below the scion tip Dr. Yamaguchi says he uses a "medicine dropper" (glass, not meltable plastic) so that the seal is complete.

That the seal IS complete is the reason that no cloche is needed. There is no leaf to be kept at 100% humidity to hold down transpiration to the amount of fluid that can pass through the matched cambium. The grafted plant is treated just like a mature plant. There is no cover, no withholding of water; just the normal environment of other plants. The question is: Are we brave enough to try it? Are Camellia people right in thinking we have to have a complete or a cut leaf on every scion? I am tempted to try it.

### NEWS OF THE S.C.C.S. BOARD OF DIRECTORS

The Southern California Camellia Society, elected the following slate of directors for the 1984-85 camellia year. Completing a second year of a twoyear term: David Wood; Berkeley Pace; Harry Reich; and Chuck Gerlach. Elected for a two-year term: Glenn Smith; Grady Perigan; Warren Dickson; and Julius Christensen. Elected for a one-year term: Sergio Bracci; Bill Donnan; Jerry Biewend; and John Utvich. At a subsequent meeting of the Board of Directors, the following officers were elected: David Wood, President; Sergio Bracci, Vicepresident; Warren Dickson, Secretary-Treasurer; and Milt Schmidt, Foreign Membership Representative. Glenn Smith was appointed to serve as the new Editor of CAMELLIA REVIEW. Dave Wood then made the following assignments for the coming year.

Program Chairman: Glenn Smith, and Jerry Biewend

Hospitality and Badges: Marcie and Lieta Altizer

Cut Bloom Display: Chuck Gerlach Raffle Ticket Sales: Berkeley Pace and Harry Reich

Refreshments: Committee Chairwoman Alma Wood

Intermission Demonstrations: Meyer Piet and Lee Gaeta

Publicity and Meetings Bulletin: Milt Schmidt and Glenn Smith

Plant Procurement: Sergio Bracci Seed Picking and Sales: Harry Reich

and Rudy Moore
June Awards Picnic: Bill Donnan and

Chuck Gerlach

Huntington Show: Grady Perigan and Rudy Moore

Finance Committee: John Utvich, Warren Dickson, and Jerry Biewend

It was announced that the Awards Picnic would be held at the Hospitality House at Descanso Gardens on Saturday, June 23, 1984

# CONTRIBUTORS TO THE CAMELLIA NOMENCLATURE ENDOWMENT FUND

Tax deductible contributions to the CAMELLIA NOMENCLATURE ENDOWMENT FUND for the period December 31, 1983 to March 15, 1984 are as follows:

Camellia nomenclature sales through January, 1984 - Cash Refund

Mr. & Mrs. Ernie Pieri - Contribution in memory of Margie Maurice,

Don George, and Alice Sullivan

Mr. & Mrs. Šergio Bracci - Cash Contribution

Mr. & Mrs. William E. Woodroof - Cash Contribution

Mr. & Mrs. John Cumber - Contribution for Chrysantha scion

Mr. & Mrs. William Donnan - Cash Contribution

Southern California Camellia Society - 1984-85 Dues Allocation through January 1984 - Cash Refund

Judge Sherrill Halbert - Cash Contribution

Mr. & Mrs. Jack Halpin - Contribution for Chrysantha

The 1984 Edition of CAMELLIA NOMENCLATURE has been paid for in full and the balance in the Fund as of March 15, 1984 is . . . . . . . . . . . \$4,620.25 Important Notices:

- (1) The NOMENCLATURE ENDOWMENT FUND needs your continued support. Sales of the book and an allocation of the membership dues will continue to be added to the Fund on a quarterly basis. However, we still need the support of all interested hobbyists.
- (2) It should be stated that all of the 118 C. chrysantha plants which were donated to generate support for the Fund were grafts from the seedling shown on the cover of this issue of CAMELLIA REVIEW. The bloom is not pink as had been erroneously reported.

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#### YELLOW IS BUSTING OUT ALL OVER

#### by Meyer Piet

It is my great pleasure to tell all of you that I have finally seen a real, true yellow camellia flower.

It is hard to describe the feeling of waiting approximately four years and then actually see a yellow color flower that far exceeds your expectations. It is, to the best of my knowledge, the very first true yellow camellia to bloom in the United States.

Let me tell you some of the events that led to this eventful day, February 1, 1984.

We go back to the year 1965, when Dr. Hu, Institute of Botany, Peking, released a paper titled "New Species and Varieties of Camellia and Theopsis of China." Evidently this was released through the British Royal Horticultural Society, Rhododendron and Camellia Year Book. I managed to receive a reprint through a British camellia friend.

In the article, "Species Chrysantha," Hu referred to it as a rather large fragrant golden yellow flower, petals 1.5-3 cm. long. If we double this we have a flower 3 to 6 cm. long (1.18 to 2.36 inches). It was found in Kwangsi, China.

I assume that Camellia people in the United States receiving the abovementioned publication tried without success to obtain additional information or material. The story becomes somewhat hazy, but we conclude that the Chinese continued to collect seeds and plants, and started a program of hybridizing in order to develop new flower colors.

The plant material, seeds and scions of Chrysantha were first brought out of China in late 1979 by a group of Japanese camellia enthusiasts. It appears that the scion material was lost, so that only seedlings remain. The seed that I obtained did not come from this plant material from Kunming Botanical Gardens, but instead came months later directly from its original location in its native forest in Kuanghsi.

It is quite possible that it is a unique seed, not readily available in even Japan or the United States. Only time will tell, as other seedlings bloom, but we do know we have been very fortunate to obtain exactly the flower we wanted, to do our hybridizing work.

When we first received our single seed, we felt extremely fortunate. (March 1980) the seed was very slow growing and even to this day, always looked very sick. The first real surprise came with the seedling itself when we noted the seed split into three feed sacs instead of the usual two. During the January - February 1981 time frame we decided to graft the seedling before we lost it. We selected large Camellia understock of Granthamiana, Irrawadiensis, Sasanqua and Japonica. We used our conventional method of cleft grafting and were rewarded with four very healthy, rapidly growing plants.

At the present time I would judge our grafting losses, using cleft grafting, and Sasanqua understock, has been identical to our normal loss of about 5%. In most cases, as with other grafts, the loss could be attributed to poor root system in the understock.

When the four grafts started to grow (early 1981) the real surprise was rapid growth and the extremely beautiful black-red new leaves. It is important to note that we *never* really knew what color flower our seedling would bloom. A chance seed could be chance pollinated by any other camellia plant near by. There was always the good possibility that we would see a *white* flower and only obtain a yellow flower when we produced an F<sub>2</sub> (second generation) offspring.

That is only one of the reasons that we *always* referred to our plan as a seedling of C. Chrysantha and always told people that we did not know what color flower would result since it was a chance seed (F<sub>1</sub> - first generation).

Our plants seemed to be always starting new growth, three or four cy-

cles per year. When the plants were large enough, we placed them in various locations of micro-climate around my house in order to determine an optimum growth condition of sun-shade relationship.

It became very important to learn a little of the culture preference of this new seedling since as early as two seasons ago (1982), I learned that my friends in Japan were having trouble with all flower buds dropping off prematurely (before flowering).

About this time frame we received a pleasant surprise, several eminent visitors from China were going to visit us to discuss hybridizing, yellow camellia, etc. This was an excellent opportunity to obtain more information on the parent plant Chrysantha by these people from China, who were actually working with the plants.

After viewing the plants inside our greenhouse, especially our large six foot high plant of seedling of Chrysantha, we all gathered in the house where I showed a set of color slide pictures of the various camellia crosses we had made and the resulting flowers. I believe both of the Chinese professors

were really impressed.

Dr. Zhang Aoluo, Director of the Kunming Botanical Gardens asked why it was that Lee and I, as amateurs, came up with beautiful new flowers while the professional or nursery people did not show similar results. I replied that as amateurs we do not have to worry about pleasing anyone other than ourselves, we did not have to justify our work to anyone, that we did not have tens of thousands of old variety plants to care for, and hopefully sell. Therefore, it gave us tremendous freedom in what we did and how we want to proceed with our hybridizing program. Also there seems to be a certain knack in making the correct crosses and that certainly shows in the final results of seeing a beautiful new flower bloom.

This discussion gave me the opportunity to ask if there was any possibility of obtaining additional new yellow or

purple flower camellia material from China, and I was told that none would be forthcoming since the Chineses had decided the unusual color camellias species were a national heritage and would not leave the country. Evidently there had been some repercussions because of the material that had been released. My reply was denoted as deep disappointment since, because of the time factor in hybridizing, everything was working against the serious hybridizer, and there were actually very few of us who were devoting our time to the effort of developing new flowers. I received no answer when I asked about new leaf growth characterisites and identification of leaf form on the new seedlings  $(F_1 \text{ or } F_2)$  that were developed in China.

Later that evening at the Temple City meeting the camellia talk was presented by Professor HE Shan-an, Director of Nan King Botanical Gardens. Color pictures were shown on the plantings of C. Chrysantha at Kunming Botanical Garden where the hybridizing program was going on and of the original plants in their natural environment at Kuanghsi.

We also learned that they had hundreds of seeds from various crosses they had made, but none had bloomed. To this date the scant information we have received denotes red or pink flowers in the Chinese hybrids.

Lee & I selected a place near the badminton court where our big plant, now over six feet tall, would get plenty of light but no harsh morning or evening sunshine. The plant remained here for approximately six months. It was treated like any of the other camellia plants surrounding it. All new growth stopped and the plant seemed to be doing absolutely nothing. Eventually we decided to move it back into the greenhouse for protection from the hot, dry Santana (Devil) winds. (The greenhouse is not climatically hot & cold controlled.)

About June or July of 1983 we felt we could identify the difference between growth buds and flower buds on two different plants.

Obviously both Lee and I became very excited because we could sense that we would soon see our seedling of C. Chrysantha bloom this season. Various articles written by others had notated an early blooming season. This did not correlate with the fact that the C. Chrysantha pollen that I had received from China via Japan had arrived in February 1982. Give or take a few weeks, it appeared that late January would probably be a better guess as to the bloom period rather than November-December. Everyone seems to forget that we have three seedlings using Chrysantha pollen from China. When we heard that flower buds were dropping off, Lee and I joked about the fact that with luck our new F, seedling could bloom in the next two years, perhaps before the original seed of Chrysantha bloomed.

Lee carefully watched the plants while my wife and I were vacationing (September). When we returned, Lee and I counted about 22 flower buds. The size had grown considerably and it was easy to distinguish the new flower buds from the growth buds. We told several people that we expected our seedling C. Chrysantha to bloom this year.

About this time several people started some little jokes. The talks started: What if it's not yellow, what if it's a white? —etc. I can truthfully say the chit chat never bothered me. I always exclaimed, "If it's white, use it for hybridizing and get a yellow flower off the new seedlings." I had gone through the time frame of seeing my mystery pollen flowers almost all bloom white on the first generation and had already back-crossed for second generation plants in order to see a yellow color break.

After doing camellia hybridizing for 12 years or longer and working on yellow for 8 years or so, I have plenty of patience. Had our seedling of Chrysantha bloomed white or a faded yellow, I would have still considered it the best working material available. The

next joke thing was wiring light pink or white flowers onto the seedling plant to make it look as if our new seedling had bloomed a pink flower. All of this time the buds on our two large seed of Chrysantha plants continued to swell and soon showed unmistakable color of bright yellow. In January we counted only 12 flower buds! Evidently, without realizing it, about 10 of the smaller buds had dropped off. The buds were now about ½-inch in diameter and I vixited the greenhouse every day to check the growth progress.

About this time (early January) Bill Donnan, our Camellia Review Editor, called to tell me that one of our giveaway plants for a "donation to the Namenclature Fund" had bloomed in the city of Oz (fictitious name, of courst) and that the flower was pink and white, and subsequently the individual who had phoned Bill has asked "what we were going to do about it?" I reassured Bill that all of the give-away plants going to the city of Oz were too small to bloom this soon, to be patient the flower buds on our plants were so yellow that if I stuck a pin in one, I was certain that orange juice would flow from it.

About a couple of weeks later, Bill phoned to tell me that the city of Oz caller had actually checked the seed of C. Chrysantha plant and the pink and white flower was blooming from a shoot of the Sasanqua understock. I jokingly told Bill that I was surprised that a person could not tell the difference between a leaf structured like Granthaniama and that of a Sasanqua.

I also told Bill that I had received some correspondence from Northern California and down South, also out of the USA, asking if it was true that our flowers had bloomed pink and white. (I wish the positive things would get around as quickly as the negative ones.)

I jokingly had told Bill, "Of course it's going to be pink and white, if I thought it was going to be yellow I would have asked for a greater dollar donation for the plants."

The very end of January the flower buds on our two plants started to swell again and I told my wife, "It's going to open within a few days." Finally the flower bud opened and in another day or two the flower was fully opened, again, the date February 1, 1984.

Bill Donnan was the first person, other than Lee and myself, and our wives, to see the first yellow camellia to bloom in the United States. Bill, Lee and I joked about some of the little things we had gone through in the past few months, while Bill took some color pictures continually exclaiming, "It's a real yellow!"

I invited several of my camellia friends over to see the original flowers. Lee and I actually bloomed 12 flowers. It's funny *now*, but even after our plants bloomed its yellow flowers, people in the city of Oz were still talking about the pink and white flower and how they had been cheated. Enough of the negative thinking, let's get on with the story.

Now is a good time to give you some recommendation as to growing your Chrysantha seed plant.

- Use the same basic sun-shade relationship that you use for a Japonica.
- 2. Since the basic plant is a fast grower, pot up the plant when it is in its dormant growth cycle.
- 3. Fertilize it and water it like a Japonica.
- 4. Don't be surprised if you see some different shaped leaves and if the leaves twist and turn light and dark green. This seems to be common on the various grafts.
- 5. The two plants that bloomed were two and three year grafts. There is no reason that you should not see like results in the same time frame, since Lee and I did not "baby" the two plants in any way whatsoever, other than protection from the hot winds, nothing was done to force growth or force the flower blooming.

Once the excitement of actually see-

ing a true yellow camellia flower had passed, Lee and I decided to save half the available pollen for use next year on our early flowers and our mystery flower crosses. This pollen has been dehydrated and is now stored in the refrigerator. The remaining pollen from six flowers was divided, to be used at my home and at Lee's garden.

We decided to make this a banner year and set as many seed as possible. The basic weather pattern in the Los Angeles area had turned hot and dry, and even though this may not be the best condition for show flowers, it is ideal for setting seed in February and March.

The pollen on our new yellow flowers is a little difficult to work with. There is plenty of it but the anthers are rather small and the filaments short and flexible. Most of our hybridizing work was done by emasculating the flowers and applying the pollen with tweezers.

At first it seemed that all of the attempts at setting seed would take. This soon fell into the normal pattern of the seed embryos dropping off after three or four weeks. The net result seems to be about a 20% take, which is much better than our normal hybridizing program. It was very important, if possible, to set seed on our mother plant. As the yellow flowers opened we cut the pollen anthers off with a small scissors and applied various pollens to the pistil. They seemed to hold, but after about two or three weeks every single potential seed dropped off. All except the very last flower on which I decided to be ultra conservative and use straight Japonica pollen. The seedling of seed, Chrysantha X Brushfield Yellow X Ki-Karako is still holding on after four weeks and looks like it is going to make it.

We had heard that a few blooming Chrysantha hybrids made by the Chinese had bloomed pink or red. This gave us a clue on what to use on our crosses.

Our first three seedlings (using Chinese pollen) were crosses of:

1. White Retic - Saluenensis XC.

Robe X Chrysantha

2. Royalty X Gay Time X Chrysantha. This is a very light pink colored Saluenensis hybrid.

Mouchancha X Elizabeth Johnson X Chrysantha. A very, very light 5" retic hybrid.

Our new seedlings will not be picked until October or November 1984. We have a total of approximately 60 seed. The new plant parents include the above three parents plus the full spectrum of our plant working material such as: 'Little Michael', 'Charlie Betts,' 'Arcadia,' 'Lasca Beauty,' 'Emma Gaeta,' 'Firechief,' 'Silver Chalice,' 'Flower Girl,' hybrids, 'Karrie,' 'Rudy's Granthaniama X Ville,' 'Tafuku Benton,' light red Japonica with a white border, Gwenth Moreley X Lees Yellow, several large whites, Captured Enriches, Firechief X Ruby, and for fragrance Bessie Dixon. We may lose some of these but it appears they are all holding for the present.

When the new season starts (1985) and our Mystery pollen seedling starts blooming in November through February, the stored pollen will be used on these and other early bloomers such as the Granthaniama hybrids, to set unusual and new seeds.

If this is augmented with fresh pollen from our seed of Chrysantha plants, 1985, we will have another bumper crop of new seedlings. The saving of half the pollen and the fact that many people asked for pollen, is the main reason we felt that we would turn everyone down and use the pollen ourselves.

In conjunction with the above seed set we also managed to get about 15 additional seed on our mystery crosses.

Assuming we average two seeds per pod, even though our first three seedlings using Chinese Chrysantha pollen only contained a single seed.

Our new count for yellow flowers looks like this:

- 1. 29 mystery pollen crosses
- 2. 3 seedlings of Chinese Chrysantha pollen.
- 3. 10 seedlings Second generation

- (F<sub>2</sub>) Mystery pollen seeds plus 30 seed pod or 60 additional seed
- 4. 75 OP seeds on our Yellow Caste Japonicas
- 5. Seedlings from seed Chrysantha pollen

60 seed pods X 2 = 120

This all totals to 187 possible seed by the end of this year. This is a far cry from the start of our effort six or eight years ago.

You might ask what's the rush? Time is always working against the camellia hybridizer. One of my good friends mentioned to me that even after a Yellow Rose Species was obtained from China, it took twenty years to develop a good yellow hybrid rose. Well, I don't believe we have to wait that long. Even though I believe it is infinitely easier to hybridize roses, I think if Lee and I set a big seed set next season (1985) that we will probably have all the necessary working material to see successful results.

Looking back at our obtaining the single chance seed of Chrysantha through the generosity of Yoshiaki Andoh, by the time we see our first set of seedlings bloom it will be 1986 or 1987.

For those of you who say, "I don't care if we have yellow color in camellias," I can only say, "Look at the new roses." The colors are absolutely fantastic. I believe we are at this threshhold today. Lee and I are trying to fill the weak links in our present flowers. We have many crosses for a very dark red semi-double and also managed to get some crosses into our white retic seedlings that could result in a true large rabbiteared white reticulata hybrid.

I have continually referred to our "seedling of Chrysantha." Now that it has bloomed yellow and is a much better flower than I could have hoped for, I want to identify it with a proper name. Remember, this is the first true yellow flower seedling to bloom in the United States. I discussed this with my good friend, Camellia Review Editor, Bill Donnan, and as usual Bill came through with an excellent name. As we all know 1984 is the year of the Olym-

pic Games here in Los Angeles.

In keeping with the 1984 season, which as far as Lee and I are concerned is a new milestone in camellia history, we are using Bill Donnan's suggestion and calling our chance seed of Chrysantha "Olympia Gold," a true winner and milestone for 1984. The date of February 1, 1984 is unforgettable. One hundred and thirty-seven years after Robert Fortune, renowned Botanical Collector, tried to obtain a yellow color camellia flower from China, without success, we have finally reached this elusive goal. As my dear friend from Japan would say, February 1, 1984 is, indeed, a golden day.

#### **CAMELLIA Plants For Sale**

Mr. Meyer Piet and Lee Gaeta have grafted up 15 plants of three of their hybrid crosses and they are being offered for sale on a first come-first served basis. These are one gallon grafts which were grafted in February 1984 and they will be available in October, 1984. Purchase of the plants will be in the form of a donation to the publications of the Southern California Camellia Society. The cost will be \$20.00 per plant — post paid. The three plants are as follows: 'ALMA WOOD' a hybrid retic cross of 'Crimson Robe' X 'Nuccio's Ruby'; 'Bessie Dickson' a japonica cross of 'Nioi Fubuki' X 'Aki' — (this cultivar is fragrant); and 'Margaret Wells' Choice' — a C. saluenensis X 'Nuccio's Ruby' cross. Anyone interested in getting their name on the priority list for one of these plants should send a check for \$20.00 to Mr. Warren Dickson, Secretary-Treasurer of the Southern California Camellia Society. If the priority list for a plant is full, your money will be refunded.

# **MEXICAN FIESTA DINNER**

#### and Raffle

Sat. - Aug. 25 — Bracci's Yard 5567 N. Burton Ave., San Gabriel For the Benefit of the Camellia Publications

#### HIGO NOMENCLATURE

In the November-December 1983 issue of Camellia Review we published a list of Higo Camellia Cultivars. We have recently received a letter from Prof. Dr. Tamotsu Yamada with some corrected spellings of 10 of the cultivars. We are publishing these corrections herewith.

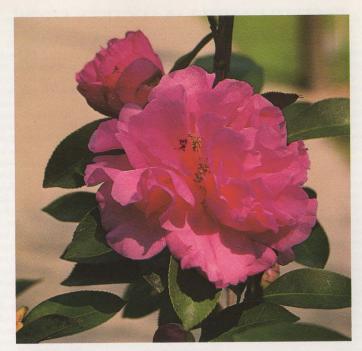
Page	Error	Correct	Remarks
1	SHIBORI-E <b>AG</b> O	SHIBORI-E <b>GA</b> O	(Meaning of name) variegated smiling face
18	Akatsuki-No-Kaoro	Akatsuki-No-Kaori	Morning perfume
18	A <b>ha</b> hi-Zuru	A <b>sa</b> hi-Zuru	Crane in the morning
18	Asuma-Nishiki	Azuma-Nishiki	Eastern fine dress
19	<b>Hi</b> chi-Go San	<b>Shi</b> chi-Go-San	Seven, five & three
20	Osoraku	Osaraku	Long lasting pleasure
20	Shin-Ota <b>ha</b> ku	Shin-Ota <b>fu</b> ku	New moon-faced woman
20	Shiranu <b>hu</b>	Shiranu <b>bi</b>	Mysterious sea fire
20	Shirasa <b>gu</b>	Shirasa <b>gi</b>	Snowy heron
21	Yuki-Onn <b>an</b>	Yuki-Onna	Snow woman



Yoshiaki Andoh



Fire Chief X Nuccio's Ruby VAR.



Fiesta Grande



Billy McCaskill Seedling

# PACIFIC CAMELLIA SOCIETY SHOW January 21, 22 - 1984

Best Treated Large Japonica 'Miss Charleston' Var. Elaine Abramson Runner up 'Moonlight Bay' Mr. & Mrs. Al Gamper Best Treated Medium Japonica 'Midnight' Mr. & Mrs. Sergio Bracci Runner-up 'Lady Kay' Dr. & Mrs. H. Schumacher Best Treated Small Japonica 'Tom Thumb' Chuck Gerlach Runner-up 'Kitty' Mr. & Mrs. John Movich Best Treated Miniature Japonica 'Grace Albritton' Mr. & Mrs. Sergio Bracci Runner-up 'Little Slam Var.' Mr. & Mrs. Bob McNeil Best Non-treated Large Japonica 'Silver Clouds' Mr. & Mrs. L. Shaefer Runner-up 'Elegans Supreme' Mel Belcher Best Non-treated Medium Japonica 'Betty Sheffield Subreme' Mr. & Mrs. Milt Schmidt Runner-up 'Mrs. George Bell' Dr. & Mrs. H. Schumacher Best Non-treated Small Japonica 'Allison Leigh Woodroof' Mr. & Mrs. Bob Jaacks Runner-up 'Demi Tasse' Mr. & Mrs. Bob Jaacks Best Non-treated Miniature Japonica 'Pearl's Pet' Mr. & Mrs. E. Verity Runner-up 'Snowie' Mr. & Mrs. Ernic Pieri Best Reticulata 'Dr. Clifford Parks' Mr. & Mrs. Sergio Bracci Runner-up 'Valentine Day' Mr. & Mrs. Wayne Altizer Best Hybrid 'Angel Wings' Mr. & Mrs. L. Schaefer Runner-up 'Waltz Time Var.' Mel Belcher Best Species 'Eago' Mr. & Mrs. J. Christinson Runner-up 'Star Above Star' Mr. & Mrs. Jack Woo Best Pre-1950 Bloom 'Magnoliaflora' Mr. & Mrs. Al Taylor Runner-up 'C.M. Wilson' Mr. & Mrs. Al Taylor Best Tray of 3 Pre-1950 blooms 'Magnoliaflora' Mr. & Mrs. Dean Altizer Runner-up 'Lila Lee' Mr. & Mrs. Berkeley Pace Best Tray of 3 Treated Japonicas 'Tomorrow Park Hill' Mr. & Mrs. Sergio Bracci Runner-up 'Margaret Davis' Mr. & Mrs. Sergio Bracci Best Tray of 3 Non-treated Japonicas 'Betty Sheffield Supreme' Mr. & Mrs. Milt Schmidt Runner-up 'Carter's Sunburst' Mr. & Mrs. Bob Jaacks Best Three Boutonieres 'Little Slam' Mr. & Mrs. Walt Harmsen Runner-up 'Iingle Bells' Mr. & Mrs. J. Christinson Best Three Retics 'Valley Knudsen' Mr. & Mrs. Bob Jaacks Runner-up 'Dr. Clifford Parks' Mr. & Mrs. Sergio Bracci Best Three Hybrids 'Angel Wings' Mr. & Mrs. Bob Jaacks Runner-up 'Freedom Bell' Mr. & Mrs. Grady Perigan Best Combination of three Blooms Chuck Gerlach Runner-up Mr. & Mrs. Sergio Bracci Best Three Species 'Shiboro Eago' Mr. & Mrs. Sergio Bracci Runner-up 'Hiryu' Mr. & Mrs. Bob McNeil Best Collector's Tray Mr. & Mrs. Sergio Bracci Runner-up Mr. & Mrs. Sergio Bracci Best Seedling Mr. & Mrs. John Movich Best Novice Bloom 'Debbie' Herman Belcher Runner-up 'Magnoliaflora' Herman Belcher

# SOUTH COAST CAMELLIA SHOW January 28 & 29, 1984

Best Treated Large Japonica Runner-up Best Treated Medium Japonica Runner-up Best Large Japonica Runner-up 'Miss Charleston Var.'
'Elegans Champagne'
'Juanita Smith'
'Dixie Knight Supreme'
'Chow's Han Ling'
'Carter's Pink'

Mr. & Mrs. Al Taylor Art Gonos Family Mr. & Mrs. Al Taylor Mr. & Mrs. Sergio Bracci Dr. Lee Chow Mr. & Mrs. Berkeley Pace Best Medium Japonica Runner-up Best Small Japonica Runner-up Best Miniature Japonica Runner-up Best Large Treated Retic Hybrid Runner-up Best Reticulata Hybrid Runner-up Best Treated Non-Retic Hybrid Runner-up Best Non-reticulata Hybrid Runner-up Best Species Runner-up Best South Coast Member's Japonica Runner-up Best South Coast Member's Retic Hybrid Runner-up Best Three Treated Japonicas Best Three Treated Reticulata Best Three Non-treated Japonicas Best Three Non-treated Hybrids Best Three Boutonieres

Best Seedling

'Betty Sheffield Supreme' 'Eleanor Martin Supreme' 'Wilamina' 'Tom Thumb' 'Fir Cone Var.' 'Man Size' 'Dr. Clifford Parks' 'Nuccio's Ruby' 'Miss Tulare' 'Harold Paige' 'Elsie Jury' 'Garden Glory' 'Waltz Time 'Elsie Jury' 'Botan Yuli' 'Shishi Gashiro' 'Guilio Nuccio' 'Mark Allen Var.' 'Dr. Clifford Parks'

'Debut'

'Elegans Supreme'

'Dr. Clifford Parks'

'Sawada's Dream'

'Angel Wings'

'Pink Smoke'

Japonica Seedling

Mr. & Mrs. Jack Woo
Marvin Belcher
Herman Belcher
Chuck Gerlach
Mr. & Mrs. Harry Putnam
Mr. & Mrs. Wally Jones
Mr. & Mrs. Dale Christinson
Mr. & Mrs. Bergio Bracci
Mr. & Mrs. Sergio Bracci
Mr. & Mrs. Richard Stiern
D.T. Gray Family
Mr. & Mrs. John Movich
Mr. & Mrs. Jack Woo

Mr. & Mrs. Milt Schmidt

Mr. & Mrs. R. T. Jaacks

Mr. & Mrs. Sergio Bracci

Mr. & Mrs. Sergio Bracci

Mr. & Mrs. Al Taylor

Allan Stanley

D.T. Gray Family

# SAN DIEGO CAMELLIA SHOW February 4 & 5, 1984

'Elegans Splendor'

Best Large Japonica Runner-up Best Medium Japonica Runner-up Best Small Japonica Runner-up Best Miniature Japonica Runner-up Best Retic Hybrid Runner-up Best Non-retic Hybrid Runner-up Best Three Large Japonicas Runner-up Best Three Medium Japonicas Runner-up Best Three Retics Runner-up Best Species Best Treated Japonica Runner-up Best Treated Retic Runner-up Best Treated Non-retic Runner-up Best Seedling

'Carter's Sunburst' 'Eleanor Martin Supreme' 'Wild Fire' 'Maroon & Gold' 'Tama-No-Ura' 'Little Slam' 'Man Size' 'Dr. Clifford Parks' 'Curtain Call' 'Waltz Time Var.' 'Angel Wings' 'Guilio Nuccio' 'Tomorrow Park Hill' 'Iennie Mills' 'Nuccio's Gem' Francie L. 'Mouchang' 'Botan Yuki' Grand Prix' 'Margaret Davis' 'Emma Gaeta' 'Miss Tulare' 'Elsie Jury' 'Anticipation' 'Fluted Coral'

Melvin Belcher Melvin Belcher Mr. & Mrs. Milt Schmidt Mr. & Mrs. Dean Altizer Mr. & Mrs. Ben Berry Dr. & Mrs. Fred Mowrey Mr. & Mrs. Walt Harmsen Mr. & Mrs. Ben Berry Dr. & Mrs. Richard Stiern Palmer Groenwald Dr. & Mrs. Richard Stiern Melvin Belcher Mr. & Mrs. Harry Putnam Mr. & Mrs. Bob Jaacks Dr. & Mrs. Richard Stiern Mr. & Mrs. Stanley Miller Mr. & Mrs. Bob Jaacks Mr. & Mrs. Milt Schmidt Melvin Belcher Mr. & Mrs. Caryll Pitkin Mr. & Mrs. Caryll Pitkin Mr. & Mrs. Dean Altizer Mr. & Mrs. Les Baskerville Mr. & Mrs. Grady Perigan Mr. & Mrs. Bob Jaacks

Kramer's Nursery

Best Grafted Plant Runner-up Best Collector's Tray Runner-up Best Novice Bloom Runner-up

'Carnelian' 'Emma Gaeta'

'Mathotiana Var.' 'Tom Knudsen'

Mr. & Mrs. Ben Berry Gene Snooks Mr. & Mrs. Bob Jaacks Mr. & Mrs. W. F. Goertz Leslev Ash Mrs. Eloise Woodward

# TEMPLE CITY CAMELLIA SOCIETY SHOW February 11 & 12, 1984

'Wildfire'

'Alta Gavin'

'Demi-Tasse'

'Pink Smoke'

'Waltz Time'

'Wildfire'

'Francie L'

'Elsie Jury'

'Gay Time'

'Grand Slam'

'Glen 40'

'Lasca Beuty'

'Angel Wings'

'Freedom Bell'

'Grand Slam

'Jennie Mills'

'Glen 40'

'Freedom Bell'

'Pharaoh'

'Botan-Yuki'

'Elegans Splendor' Best Large Japonica 'Carter's Sunburst Pink' Runner-up Best Medium Japonica Runner-up Best Small Japonica 'Tom Thumb' Runner-up Best Miniature Japonica 'Little Michael' Runner-up 'Harold Paige' Best Retic Hybrid Runner-up 'Emma Gaeta' Best Non-retic Hybrid 'Angel Wings' Runner-up 'Miss Charleston Var.' Best Treated Japonica Runner-up 'Miss Tulare Var.' Best Treated Retic Hybrid Runner-up Best Treated Non-retic Hybrid Runner-up Best Three Large Japonicas 'Tomorrow Park Hill' Runner-up 'Ville De Nantes' Best Three Medium Japonicas Runner-up Best Three Small Japonicas 'Tama-No-Ura' 'Splash-O-White' Runner-up Best Three Retic Hybrids 'Dr. Clifford Parks' Runner-up Best Three Non-retic Hybrids Runner-up Best Combination of three different blooms Best Five Large Japonicas Runner-up 'Tomorrow Park Hill' Best Five Medium to Small Japonicas Runner-up Best Five Hybrids Runner-up Best Seedling

Dr. & Mrs. Lee Chow Mr. & Mrs. Berkeley Pace Mr. & Mrs. Bob McNeil Dr. & Mrs. H. Schumacher Dr. & Mrs. H. Schumacher Dr. & Mrs. Lee Chow Mr. & Mrs. Carev Bliss Melvin Belcher Mr. & Mrs. Caryll Pitkin Mr. & Mrs. Dean Altizer Herman Belcher Dr. & Mrs. Lee Chow Elaine Abramson Mr. & Mrs. Bob McNeil Elaine Abramson Dr. & Mrs. H. Schumacher Mr. & Mrs. Grady Perigan Mr. & Mrs. Dean Altizer Mr. & Mrs. Caryll Pitkin N.Y. Fenwick Mr. & Mrs. Al Gamper Norma Mary Mr. & Mrs. Fred Mowrey Mr. & Mrs. Bob Jaacks Dr. & Mrs. Richard Stiern Jerry Biewend D.T. Gray Family Marvin Belcher Chuck Gerlach N.Y. Fenwick Mr. & Mrs. Caryll Pitkin Dr. & Mrs. Richard Stiern Norma Mary Marvin Belcher Mr. & Mrs. Pat Novak Allan Stanley Mr. & Mrs. Harold Rowe

## POMONA VALLEY CAMELLIA SHOW February 18 & 19, 1984

Best Large Japonica Runner-up Best Medium Japonica Runner-up Best Small Camellia Runner-up Best Miniature Japonica

Best Species

Award of Merit

'Tomorrow Park Hill' 'Carter's Sunburst 'Ballet Dancer 'Eleanor Martin Supreme' 'Tom Thumb' 'Hishi Karaita' 'Fir Cone Var.

Rudy Moore Mr. & Mrs. H.C. Shropshire Dr. & Mrs. Lee Chow Mr. & Mrs. Sergio Bracci Lester Dehmel Mr. & Mrs. Mel Canfield Mr. & Mrs. Sergio Bracci

Dr. & Mrs. Richard Stiern

Runner-up Best Three Large Japonicas Runner-up Best Three Medium Japonicas Runner-up Best Five Large Japonicas Runner-up Best Five Medium Japonicas Runner-up Best Five Very Large Hybrids Runner-up Best Five Large Hybrids Runner-up Best Very Large Retic Runner-up Best Large Retic Runner-up Best Non-retic Hybrid Runner-up Best Species Best Three Small Japonicas Runner-up Best Three Very Large Hybrids Runner-up Best Three Large Hybrids Runner-up Best Three Medium Hybrids Best Treated Japonica Runner-up Best Treated Retic Runner-up Best Novice Bloom Runner-up Best Intermediate Bloom

'Grace Albritton' 'Grand Slam' 'Tomorrow Park Hill' 'Iennie Mills' 'Nuccio's Gem' 'Tomorrose Park Hill' 'Grand Slam' 'Eleanor Martin Supreme' 'Glen 40' 'Francie L. Var.' 'Valentine Day Var.' Vallev Knudsen' 'Fire Chief Var.' 'Harold Paige' 'Emma Gaeta' 'Kohinor' 'Anticipation Var.' 'Angel Wings' 'Water Lily' 'Roseaflora' 'Thumbellina' 'Shihibou' 'Lasca Beauty' 'Emma Gaeta' 'Valentine Dav Var.' 'Fire Chief Var.' 'Waltz Time' 'Grand Prix' 'Clark Hubbs Var.' 'Harold Paige' 'Emma Gaeta Var.' 'Betty Sheffield Supreme' 'Tiffany' 'Chandleri Elegans'

Mr. & Mrs. Lee Gaeta Dr. & Mrs. Lee Chow Rudy Moore Dr. & Mrs. Richard Stiern Mr. & Mrs. Milt Schmidt Mr. & Mrs. Bob Iaacks N.Y. Fenwick Mr. & Mrs. J. Christenson Norma Marv Mr. & Mrs. Bob Jaacks Mr. & Mrs. Bob Jaacks D.T. Gray Family Mr. & Mrs. R. Treischel Dr. & Mrs. Fred Mowrey Rudy Moore Mr. & Mrs. Bob Jaacks Marvin Belcher Mr. & Mrs. Herman Belcher Jerry Biewend Dr. & Mrs. Fred Mowrey Mr. & Mrs. Sergio Bracci Marvin Belcher Jerry Biewend Mr. & Mrs. Sergio Bracci Mr. & Mrs. Bob Jaacks Mr. & Mrs. R. Treischel Mr. & Mrs. Sergio Bracci Mr. & Mrs. Sergio Bracci Jerry Biewend Mr. & Mrs. Sergio Bracci Rudy Moore Bill Granewich Margaret Woodroof Mr. & Mrs. Paul Watson Mr. & Mrs. Paul Watson

# SHOW RESULT OF DELTA CAMELLIA SOCIETY

'Katie'

### February 25 & 26, 1984

Sweepstakes Sweepstakes runner-up Best of Show Best White Runner-up Best Miniature Runner-up Best Small Runner-up Best Medium Runner-up Best Large Runner-up Best Very Large Runner-up Best 3 Miniatues Runner-up Best 3 Small

Runner-up

Runner-up

'Carnelian' 'Charlie Bettes' 'White Deb' 'Shikuhu' 'Lady Humes Blush' 'Little Man Formal' 'Pink Doll' 'Grace Albritton' 'Midnight Var. 'Wildfire' 'Kick Off' 'Nuccio's Jewel' 'Elegans Supreme' Man Size 'Tiny Princess' 'Black Tie' 'Little Man Formal'

Mr. & Mrs. Don Bergamini Mr. & Mrs. Wilbur Ray Larry & Nancy Pitts Mr. & Mrs. E.F. Achterberg H.W. Oliver Virginia Rankin Dr. & Mrs. Fred Heitman Mr. & Mrs. Anthony Pinheiro Mr. & Mrs. E.F. Achterberg Robert Ehrhart Larry & Nancy Pitts Robert Ehrhart W.D. Stewart Steve Nancy Campbell W.D. Stewart W. D. Oliver Wilbur & Mary Ann Ray Larry & Nancy Pitts

Dr. Fred Rankin

Best 3 Medium
Runner-up
Best 3 Large
Runner-up
Best 3 Very Large
Runner-up
Best 5 Japonica
Runner-up
4 Different Colored Japonicas

Best Retic-Hybrid under 5 1/2 " Runner-up Best Retic Hybrid over 51/2" Runner-up Best 3 Retic-Hybrid Runner-up Best 5 Retic-Hybrids Runner-up Best Non-Retic Hybrids Runner-up Best 3 Non-Retic Hybrids Runner-up Best Collection of 9 Best Seedling Runner-up Best Youth Japonica under 41/2" Runner-up Best Youth Japonicaover 41/2" Runner-up Best Relic-Hybrid Runner-up

Best Non-Retic

Runner-up

'Ragland Supreme' 'Edmund B' 'Annette Gehry' 'Moonlight Bay' 'Elegans Supreme' 'Tomorrow Park Hill' 'Anita' 'Mrs. D. W. Davis' 'Grand Slam Var. 'Clark Hubbs' 'Lucy Stewart' 'Purple Gown' 'Satan's Robe' 'Carnelian' 'Lasca Beauty' 'Cornelian 'Miss Tulare' 'Willow Wend' 'Eden Queen' 'Jerry's Yellow' 'Sylvia May Wells' 'Elsie Jury' 'South Seas' Retic-Hybrid Retic-Hybrid 'Magnolia Flora' Kramer's Surp. Fragrant Star 'Wildfire' Joy'

'Alta Gavin'

Mr. & Mrs. E.F. Achterberg Mr. & Mrs. Don Bergamini Jack Osegueda Mr. & Mrs. E.F. Achterberg Wilbur & Mary Ann Ray Ronald Morrison Family Jack Lewis Mr. & Mrs. Don Bergamini

Mr & Mrs A Buckholz Mrs. William Breuner Larry & Nancy Pitts Mr. & Mrs. E.F.Achterberg Larry & Nancy Pitts Larry & Nancy Pitts Jack Osegueda Mr. & Mrs. Ken Hallstone Steve & Nancy Campbell Mr. & Mrs. Don Bergamini Wilbur & Mary Ann Ray Larry & Nancy Pitts H.W. Oliver Donald R. Griffing David Feathers Jason Yonan Iason Yonan Carrie Schumer Jason Yonan Joellen Bergamini Jason Yonan Justin Bergamini Joellen Bergamini

# DESCANSO SPRING SHOW February 25 & 26, 1984

'Otto Hopper'

'Debbie'

'E.G. Waterhouse'

Best Large Japonica Runner-up Best Medium Japonica Runner-up Best Small Japonica Runner-up Best Miniature Japonica Runner-up Best Very Large Retic Runner-up Best Large Retic Runner-up Best Non-Retic Runner-up Best Three Large Japonica Runner-up Best Three Medium Japonicas Runner-up Best Three Boutonnieres Runner-up

'Elegans Supreme' 'Carter's Sunburst Pink' 'Margaret Davis' 'Villa De Nantes' 'Grace Albritton' 'Little Man Formal' 'Little Slam' 'Fircone' (Var.) 'Emma Gaeta' (Var.) 'Dr. Clifford Parks' 'Carnelian' 'Nuccio's Ruby' Elsie Jury' 'Pink Dahlia' 'Swan Lake' 'Elegans Supreme' 'Magnoliaeflora' 'Eleanor Martin Supreme' 'Little Slam' (Var.) 'Tama-No-Ura'

Dr. & Mrs. Lec Chow Art Gonas Family Dr. & Mrs. Lee Chow Mr. & Mrs. Roger Treischel Mr. & Mrs. Milt Schmidt Marvin Belcher Mr. & Mrs. Jack Woo Dr. & Mrs. Lee Chow Mr. & Mrs. Lee Gaeta Mr. & Mrs. Caryll Pitkin Mr. & Mrs. Roger Treischel Dr. & Mrs. R. Stiern Mr. & Mrs. Sergio Bracci Art Gonas Family Dr. & Mrs. Lee Chow Dr. & Mrs. Lee Chow Dr. & Mrs. Lee Chow Mr. & Mrs. Milt Schmidt Mr. & Mrs. Jim Randall Mr. & Mrs. Sergio Bracci Best Three Non-Retics Runner-up Best Five Japonicas Runner-up Best Three Retics Runner-up Best Five Retics Runner-up Best Species Best Treated Bloom Runner-up Best Large Japonica Seedling Best Medium Japonica Seedling Best Retic Seedling Best Non-Retic Seedling Best Large Novice Bloom Best Medium Novice Bloom Best Three Blooms Novice

Award of Merit

'E. G. Waterhouse'
'Freedom Bell'
'Nuccio's Gem'
'Tomorrow Park Hill'
'Valentine Day' (Var.)
'Nuccio's Ruby'
'Carnelian'
'Royalty'
'Yuki-Komachi'
'Pirates Gold'
'Elegans Supreme'

K-79
K.C.F

Art Gonas Family Art Gonas Family Mr. & Mrs. Milt Schmidt Mr. & Mrs. Sergio Bracci Dr. & Mrs. R. Steirn Herman Belcher Mr. & Mrs. Milt Schmidt Mr. & Mrs. Jim Randall Mr. & Mrs. Grady Perigan Mr. & Mrs. Sergio Bracci Mr. & Mrs. Jack Woo W.C. Shropshire Mr. & Mrs. Jack Woo Kramer's Nursery Kramer's Nursery Jeffrey Fenwick Art & Karla Alltizer **Iack Thompson** Dr. & Mrs. Lee Chow

# KERN COUNTY CAMELLIA SHOW March 3 & 4, 1984

'Gigantea'

'Nuccio's Gem'

'Moniisu Red'

Best Large Japonica Runner-up Best Medium Japonica Runner-up Best Small Japonica Runner-up Best Three Japonicas Runner-up Best Varigated Japonica Best Reticulata Hybrid Runner-up Best Three Retic Hybrids Runner-up Best Non-Retic Hybrid Runner-up Best Three Non-Retic Hybrids Runner-up Best Gibbed Bloom Best Seedling Best Species Best Collector's Tray Runner-up NOVICE DIVISION Best Large Bloom Runner-up Best Medium Bloom Runner-up

'Katie' 'Elegans Supreme' 'Eleanor Martin Subreme' 'Betty Sheffield Supreme' Black Tie 'Maroon & Gold' 'Easter Morn 'Grand Slam' 'Dixie Knight Supreme' 'Arcadia' 'Curtain Call' 'Harold Paige' Francie L. 'Pink Dahlia' 'Elsie Jury' 'Freedom Bell' 'Coral Delight' 'Dr. Clifford Parks' Japonica Seedling

'Mathotiana'
'Gulio Nuccio'
'Herme'
'Bernice Boddy'
'Freedom Bell'
'Herme'
'Nuccio's Gem'

'Yoki Komachi'

Mr. & Mrs. Wilbur Ray Mr. & Mrs. Jack Woo Marvin Belcher Mr. & Mrs. Jack Woo Mr. & Mrs. Wilbur Ray Mr. & Mrs. Sergio Bracci Mr. & Mrs. Jack Woo Mr. & Mrs. Fred Dukes Mr. & Mrs. Grady Perigan Melvin Belcher Mr. & Mrs. Sergio Bracci D.T. Gray Family Mr. & Mrs. Bob Jaacks Mr. & Mrs. Wilbur Ray Mr. & Mrs. Wilbur Ray Mr. & Mrs. Sergio Bracci Mr. & Mrs. Jack Woo Mr. & Mrs. Jack Woo Mr. & Mrs. Grady Perigan Mr. & Mrs. Grady Perigan Mr. & Mrs. Jack Woo Mr. & Mrs. Sergio Bracci

> Robert L. Stiern Gayle Poustapha Pilar Sandival Margaret Dather Robert Stiern Pilar Sandival Herman Geis

# SACRAMENTO CAMELLIA SHOW March 3 & 4, 1984

Outstanding Flower of Show Best Very Large Japonica Runner-up

Best Tray of Three Blooms

Best Hybrid Bloom

Runner-up

'Moonlight Bay'
'Moonlight Bay'
'In the Red'

Mr. & Mrs. James Randall Mr. & Mrs. James Randall Mr. & Mrs. Elmer Achterberg

Best Large Japonica	'Edna Campbell Var.'
Runner-up	'Eleanor Martin Supreme'
Best Medium Japonica	'Te Deum'
Runner-up	'Can Can'
Best Small Japonica	'Freedom Bell'
Runner-up	'Alison Leigh Woodroof'
Best Miniature	'Kitty'
Runner-up	'Spring Festival'
Best 3 Very Large Japonicas	'Tiffany'
Best 3 Large Japonicas	'Grand Slam'
Best 3 Medium Japonicas	'Ragland Supreme'
Best 3 Smalls	'Angel's Blush'
Best 3 Miniatures	'Man Size'
Best 5 Medium Japonicas	'Ragland Supreme'
Best 5 Japonicas	'Elegans Supreme'
Best 11 Japonicas	'Man Size'
Best Very Large Retic Hybrid	'Tali Queen'
Runner-up	'Nancy Reagan'
Best Medium to Large Retic Hybrid	'Cornelian'
Runner-up	'Willow Wand'
Best 3 Retic Hybrids	'Lasca Beauty'
Best 5 Retic Hybrids	'Willow Wand'
Best Non-Retic Hybrid	'Angel Wings'
Runner-up	'Sylvia May Wells'
Best 3 Non-Retic Hybrids	'Julie Var.'
Best Collection of 9 Different Japonica	as
Best Seedling	'K.F.C. Hybrid'
First Runner-up	•
Second Runner-up	
Best Chemically Treated Japonica	'Grand Prix'
Best Chemically Treated Hybrid	'Lasca Beauty'
YOUTH CLASS	<i>*</i>
Best Miniature	'Bon Bon'
Best Medium Japonica	'Dr. Tinsley'
Best Large Japonica	'Gigantea'
Best Hybrid	'Crimson Robe'

R.K. Johnson Steve Campbell R. Walter Langhart Maurice & Jocelyn Vervalle Mr. & Mrs. Anthony Pinheiro Mr. & Mrs. Don Bergamini Jim & June Grant Mr. & Mrs. James Randall Mr. & Mrs. William A. Sims Mr. & Mrs. James Randall Mr. & Mrs. Don Bergamini Mr. & Mrs. William A. Rusher Mr. & Mrs. Anthony Pinheiro Mr. & Mrs. Don Bergamini Mr. & Mrs. Elmer Achterberg Mr. & Mrs. Anthony Pinheiro William D. Stewart Maurice & Jocelyn Vervalle Mr. & Mrs. C.A. Roberts Jack Osegueda Mr. & Mrs. James Randall Jack Osegueda Maurice & Jocelyn Vervalle Mr. & Mrs. James Randall Mr. & Mrs. Don Bergamini Mr. & Mrs. Bruce Henz Kramer Brothers Nursery Robert E. Ehrhart Mr. & Mrs. Don Lesmeister Mr. & Mrs. James Randall Mr. & Mrs. Elmer Achterberg

> Justin Bergamini Katie Kerby Cynthia Aldridge Dani Rasor

## CENTRAL CALIFORNIA CAMELLIA SHOW March 9 & 10

Award of Excellence Best Large to Very Large Japonica Runner-up Best Medium Japonica Runner-up Best Small Runner-up Best Miniature Runner-up Best Reticulata Runner-up Best Hybrid Runner-up Best 3 Large to Very Large Japonicas Runner-up Best 3 Medium Japonicas Runner-up Best 3 Small Japonicas Runner-up Best 3 Miniature Japonicas

Elegans Supreme 'Miss Charleston Var' 'Magnoliaeflora' 'Raspberry Ice' 'Maroon 'N Gold Little Bahe Var Botan-Yuki 'Ellen Daniel' 'Valley Knudsen' 'Dr. Clifford Parks 'Pink Dahlia E.G. Waterhouse 'Reg Ragland Var Elegans Supreme 'Nuccio's Jewel 'In the Red' 'Maroon 'N Gold' 'Hishi-Karaito'

Art Gonos Family Art Gonos Family Art Gonos Family Art Gonos Family Frank & Winnie Serpa Al & Lois Taylor Elmer & Bernice Achterberg Al & Lois Taylor Virginia Rankin Jack & Anne Woo Jack & Anne Woo Jack & Anne Woo Mrs. Sheldon P. Lewis Mrs. Sheldon P. Lewis Art Gonos Family Elmer & Bernice Achterberg Jack & Anne Woo Mrs. Sheldon P. Lewis Jack & Anne Woo Dick & Pat Pozdol

Botan-Yuki

Runner-up Best 3 Reticulatas Runner-up Best 3 Hybrids Runner-up Best 9 Different Japonicas Best 3 Different Japonicas Best Seedling Best 5 Japonicas Runner-up Best White Camellia Best Non-Member McKellar Memorial Award YOUTH DIVISION Best Iaponica Best Other Than Japonica Best Boutonniere

Best Yellow

Flynn Sans' Francie L' 'Nuccio's Ruhy' 'South Seas' 'Coral Delight Var'

'Grand Slam'
'Mrs. D. W. Davis'
'Nuccio's Gem'
'Betty Foy Sanders'

'Elegans Supreme' 'Garden Glory' 'Hishi-Karaito' 'Chrysantha' Wilbur & Mary Anne Ray
Frank & Winnie Serpa
Art Gonos Family
Wilbur & Mary Anne Ray
Wilbur & Mary Anne Ray
Art Gonos Family
Art Gonos Family
Kramer Brother's Nursery
Jim & Jackie Randall
Art Gonos Family
Dick & Pat Pozdol
Robin Ruth Ray
Dr. Curtis & Cay Knight

Dimitri Gonos Julie Knight Jason Yonen Sergio & Elsie Bracci

# Southern California Camellia Council Annual Judges Symposium by Ernie Pieri

Saturday morning, January 7, 1984 at 9:30 a.m., 46 camellia enthusiasts gathered in one of the lecture rooms at Descanso Gardens to attend the second annual camellia judges symposium for both novice and accredited judges. It was to be a learning situation for those who were novices or others who had never participated as a member of the Camellia Show Committee and a review for those who were accredited judges. The program was planned so that everyone had an opportunity about show management, including the judging of camellias. In the program we had two speakers from the Fresno Camellia Society, Wilbur and Mary Anne Ray.

After a greeting by the president of the Council, Al Gamper, the first of several speakers for the morning part of the program was Wilbur Ray who spoke on the subject, "So You Want to be a Camellia Judge." He traced the necessary steps involved from the first entrance into the camellia show world as an exhibitor to that of being Chairperson of the Camellia Show and the probability of being the Chairperson for the judges of the Show. His experiences paralleled those of many of the accredited judges.

After this introduction we started into the nitty-gritty part of "What We Are Judging." Harold Dryden, of the Southern California Camellia Society opened this part of the program by discussing the various flower forms of the camellia flowers. He was assisted by Grady Perigan, who showed slides of the various forms as they were being discussed by Mr. Dryden.

To keep the program from getting too stuffy, a short test was given in which a series of flowers were numbered, which were to be matched with the form of the flower, i.e.:

- 1. Bella Romana
  - \_\_\_\_ Peony form
- 2. Finlandia
  - \_\_\_ Rose form double
- 3. Kramer's Supreme
  - \_\_\_\_ Semi-double

After many "I can't remembers" there were many laughs on the corrections, but it was amazing how many were able to make the right identifications.

Harold Dryden then continued discussing the other four elements involved in judging a good bloom, color, size, condition, substance, and texture

John Movich opened the discussion on Judging by using the five elements in judging miniature and small camellias, Elsie Bracci discussed the judging of medium to very large camellias and Caryll Pitkin finished with the judging of blooms with his discussion of judging Reticulatas, Reticulata Hybrids and non-reticulata Hybrids.

We took our lunch break at 12:00. A buffet luncheon was prepared and served under the chairmanship of Lavenia Trieschel, assisted by Marcie and Leita Alltizer, Sonya Movich and Rosamond Gerlach, and others who brought prepared food.

Back to class again about 12:45, at which time Mary Anne Ray started the afternoon discussions about etiquette and ethics a judge should consider when invited to judge at a camellia show. The comments were well worth repeating:

- 1. It is an honor to be invited to assist in the judging of the camellia blooms at a show. You should return your answer to the chairperson of judges on your availability as soon as possible.
- After you have placed your blooms on the exhibit tables, do not loiter in the area and pre-judge the bloom display. Remove yourself from the area and meet with other judges of the show.

Sergio Bracci spoke on Show Management, the formation of the necessary duties of the Show Chairperson and his committee chairpersons. He also discussed how the camellia judges were selected and what areas each judge should be selected for judging the blooms.

Grady Perigan spoke on the mechanics involved at the head table concerning the number of blooms to be selected for vote by the total judging staff.

During the time of the talks by the three above persons, Marilee Grey, assisted by Elsie Bracci and others were preparing a table of unnamed blooms for judging and name the bloom. Each bloom was to be judged as to its merits for first, second, and third place recognition. The group then discussed the name of the bloom and the reason for its rating. Upon the completion of this unit the ladies, using the same blooms, divided them into collectors entries of nine. The judges were then told to judge them as a collection.

The meeting broke up at 4:30 p.m. Many of the people in attendance had long trips to home, from Riverside in the south to Bakersfield and Fresno to the porth

the north.

A fun time was had by all who attended the symposium. It was the feeling of many who attended the symposium that it should be an annual affair.

Time was a factor in determining what to discuss. We were unable to spend time on the "Use of the Nomenclature Book." It really was too short a period of time in which to thoroughly cover all of the principles involved in judging.

A critique will be held at the Descanso Gardens sometime late in March, after the camellia shows have

ended.

#### CALLAWAY GARDENS

#### by Fred C. Galle

Ed. Note: Reprinted from Horticulture; October, 1974, the publication of the Massachusetts Horticultural Society.

Callaway Gardens in Pine Mountain, GA, started as a dream in the mind of Cason J. Callaway in the late 1940s, are now a reality. The Gardens were officially opened in 1952, and now in their 22nd year over 800,000 people visit them annually. Even in the early days of development Mr. Callaway was quite aware of the expanding urbanization and its pressures and hoped to build a garden that would be both wholesome and beautiful.

Callaway Gardens are unique in being a blend of display gardens, arbore-

tum and recreational facilities. The natural beauty being of prime concern, major plantings are devoted to the preservation of the native flora of

the region.

The Gardens consist of 2,500 acres with over 15 miles of drives and over five miles of walking trails through wooded areas, natural trails and cultivated plants. There are 12 man made lakes ranging from 175 acres, used for fishing, down to lakes of only 3 acres. Various trails are for special plant and interest groups. There is a woodland walk along the large Mountain Creek Lake. Laurel Springs Trails is a selfguiding nature trail around a heavy stand of mountain laurel and a natural spring coming from the side of the mountain. There is also a heavily planted educational Wild Flower Trail where plants are labeled, and interpretative signs of all types are available for the viewing public. Over a mile and a half of trails are devoted to one of the most extensive collections of azaleas, both native and introduced, in the country. In fact, the azalea collection now consists of over 500 named varieties, one of the recent additions being a gift of the Ames Collection from Boston, now in a permanent home at Callaway Gardens.

The azalea flowering starts in early to mid-April and extends into late May and early June. The kurume azaleas are generally the first to flower, followed by the Glendales, southern Indian azaleas and the back acres azaleas. Along the trail can be found many companion plants for azaleas including hardy cyclamen, shooting stars, trilliums, various wild gingers, a large collection of hosta lilies and even the rare *Rhodea japonica* and other exotic

plants.

The Azalea Bowl planted in 1971 is rapidly becoming an early color feature. A natural amphitheater area is planted with large drifts of kurumes and kurume hybrids. Hopefully, this will be a repository for the first introductions of kurume azaleas, including the Wilson, Domoto, Beattie azaleas

and the newer hybrids for a riot of color in early spring.

The Holly Trails, which are of special interest to visitors in the fall and winter, are devoted to three major groups: the America species, the Oriental and the English hollies. The Gardens' present collection contains well over 450 named holly varieties and species. The prime group, of course, because of their adaption to the area, are the Asiatic hollies such as Ilex comuat and *Ilex crenata*. The Gardens also have a large collection of the American hollies, deciduous species such as I. decidua, I. verticillata, and I. amelanchier as well as evergreen Ilex opacas. English hollies, while not generally as adaptable to the South, inlude over 60 varieties

To increase the year-round interest in the holly collection, the trails now have had a great number of broadleaved evergreens added including such plants as mahonias, osmanthus, both sasanqua and japonica camellias, rare plants such as *Danae racemosa* or Alexandrian laurel, ruscus and many others. The American Holly Trail also contains a very large collection of daffodils consisting of 30,000 or more bulbs in over 100 varieties planted in large, massive drifts.

The Oriental Trail also is noted for its collection of lycoris lilies for late summer and early fall flowering.

The Rhododendron Trail is devoted to evergreen and deciduous rhododendrons adapted to the area. It was long believed that rhododendrons are not suitable for the South and, yet, after extensive trials the trail now has well over 80 or more sorts. Amazing enough, many of the cold-hardier forms are the more adaptable ones, able to withstand the mild yet erratic winter temperatures that abound in this area. This trail also features many companion plants such as davidias, primulas, hardy cyclamen and the hardy saxifraga or strawberry geranium. Near the Rhododendron Trail is a large collection of flowering magnolias and also one of the country's largest collections of flowering quinces consisting of well over 50 varieties. Both collections are in flower in early spring.

Located on Rocky Falls Creek Lake is the Ida Cason Memorial Chapel noted for its exquisite memorial organ recitals. It is also open year-round for individual, private meditation. Near the Chapel is the large complex of greenhouses which have been expanding since the opening of the Gardens. The large Conservatory and lobby were dedicated in the late fall of 1971. The Greenhouse lobby has excellent facilities for art exhibits of all types ranging from traveling exhibits of special artists such as Anne Ophelia Dowden of New York and Henry Evans. a noted linoprint artist from the West Coast, to local artists.

The Conservatories and greenhouses are everchanging. The new conservatory greenhouse is one of the unique greenhouses in this country in that there are no formal, permanent walks or established beds. The whold greenhouse can be changed in design as well as floral aspect. In fact, the two balconies and heater are the only permanent features. Pools can be added or taken away in a matter of a few days. Seasonal displays vary from poinsettias at Christmas to the prespring show of bulbs and azaleas, begonias in summer and a fantastic display of chrysanthemums in the fall.

The other display greenhouses augment the large Conservatory. For example, one house is devoted to camellias during the winter months. The informal, free-flowing beds of nearly four acres outdoors are devoted to both spring and fall planting, and this area had one of the largest collections of mums in the country, over 10,000 plants, on display in October. Following the chrysanthemums, bulbs and pansies are planted for early spring. In another section are beds of annuals and perrennials including rosees, All-America test plants and evaluation beds.

A 7½-acre Vegetable Garden is de-

voted to the growing and displaying of vegetables adapted to the South. This garden is also one of the All-America Trial Gardens and is noted for the fine quality of its fresh vegetables on display. Further, it is under constant culture. An average of three crops are grown in this area per season. Forty or more varieties of tomatoes are tested annually and records collected on all plants grown. The garden includes, besides a large collection of common southern vegetables such as Jerusalem artichokes and collards, less common vegetables like kohlrabi, salsify and rutabagas. The produce is made available to the public and to the dining facilities of the Gardens.

Early spring is the time for garden lovers to observe the numerous native plants of the area including azaleas, wild flowers and dogwoods, followed by mountain laurel, oak-leaf hydrangeas and rhododendrons. But just to view the budding out of new leaves in early spring is breath-taking over this expansive area. One can travel by car and leisurely view plants in permanently established massive drifts or walk one of the many trails.

Flowering in midsummer is the native azalea, *R. prunifolium*, which grows only within a 100-mile radius of the Gardens. It opens and starts to flower early in July and bears flowers as late as August and September. Also, the plant reaches up to 10 and 20 feet with flowers varying from orange-red to deep red.

In summer, crape myrtles are featured within the Recreation Area, which includes golf courses, tennis, horseback riding and water skiing. There are also cottages for families to spend their entire vacation within the Gardens. The children can be enrolled in an active recreation program while the parents can have a restful, leisurely holiday.

Throughout the Gardens the theme is horticulture and natural beauty. But the Gardens are rapidly increasing their emphasis upon new programs. An Educational Department is formed

of members of the horticultural staff who actively conduct workshops throughout the year and give many walks and tours through the Gardens. Our staff members are active, having given well over 100 talks annually to garden clubs throughout the country. One to two-day symposiums are held

four times a year, attracting gardeners from a variety of states. From a man's single dream, the Gardens have certainly become a reality—from worn out cotton land to a development with further expansions and ideas for the future—beautiful at any season of the year.

#### MULTICOLORED CAMELLIA SEEDLINGS

by Bill Woodroof, Julius Nuccio and Bill Donnan

The opinions hereinafter set forth are those of professional and amateur growers of Southern Californina who have produced, grown and observed camellia seedlings for a period in excess of forty years. The findings set forth are divided into three groups:

(A) Original seedlings.

(B) Variegated forms of original seedlings.

(C) Sports or mutations of original seedlings or of their sports or mutations.

(A) Original seedlings are generally white, pink, or red, or various shades of these three primary colors. Many are multicolored containing bars, streaks or stripes of different colors; borders of different colors, centers of different colors; shades of the same color; washing or shading of a different color; veins of a different color; or combinations thereof. An original secdling has never been observed to be blotched, splotched, or marbled a different color. It would appear that the cause of multicoloring in an original seedling is genetic, due to a change in the vegetative tissue.

(B) When an original seedling is blotched, splotched, or marbled, the contention is that this variegation is caused by a virus resulting from grafting. Examples of variegated cultivars which must have originated from solid color blooms are 'Daikagura'; 'Donckelarii'; 'Iwane'; and, 'Memphis Bell' to name a few. The contention is made that variegated forms where the variegation is induced by a virus should not be entered or judged in the seedling

class of a camellia show. The reason for this contention is that the seedling which may be entered is not the original cultivar and the degree of variegation which is being judged cannot be held or propagated and the cultivar may revert to the original seedling. 'Adolphe Aubusson Supreme'; 'Eleanor Martin Supreme'; and all of the variegated forms of the solid-colored cultivars fall into this category. No one can guarantee the degree of variegation that will result from the propagation of these varieties.

(C) A number of original seedlings, both solid colored and multi-colored, have produced sports or mutations, some of which have also produced sports and/or mutations. It would appear that the cause of these sports or mutations is genetic. In most instances, when sports or mutations are propagated, they will hold and the resulting plants will conform to the original sport. Examples of these forms are 'Elegans Champagne'; 'Jean Clere'; 'Yours Truly'; etc.

In summary then: Original multicolored seedlings and sports or mutations of original seedlings should be entered and judged in the seedling division and the mutation division of a camellia show. They are of genetic origin and can be expected to hold and propagate to the true original seedling or mutation. On the other hand, virus induced, multi-colored cultivars should not be entered in the seedling division, and if they are entered, they should not be judged.

#### INDEX OF CAMELLIA REVIEW

Volume #45 - September-October, 1983 - March-April, 1984 ARTICLES

MATCHES	
A Camellia Profile (Ken Hallstone), Helen Augis Autumn At Longwood, Milton Brown California Camellia Show Schedule - 1983-84 Callway Cardon, Fael C. Galle	4+0
Autumn At Longwood, Milton Brown	1.00
Galifornia Camellia Show Schedule - 1983-84	1-25
Callaway Gardens, Fred C. Galle	4-21
California Camellia Show Schedule 1983-84 Callaway Gardens, Fred C. Galle Flower Arranging As An Art Or A Hobby, Margaret Ingram. From A Fragrant Flower Petals Fall, Barbara Butler Gelatin - Nitrogen For Plants, Audrey Carey. Guide Posts For Camellia Judges, Harold E. Dryden	4-3
From A Fragrant Flower Petals Fall, Barbara Butler	3-13
Gelatin - Nitrogen For Plants, Audrey Carey	1-27
Guide Posts For Camellia Judges, Harold E. Dryden	3-3
Have The New Varieties Been Dominating	
The California Shows?, Jim Randall	2-3
Oduce Foss To Cantena Joseph Communiting The California Shows? Jim Randall Harvey Short Remembered, E.C. Snooks Higo Nomenclature, Vi Stone How Do You Spell Hobby? F.R. I.E. N.D.S., Lou Rowe Hybridizing In The Bay Area, Jack Lewis That Christmas Glow — Don't Let It Burn You Judges?, Jim Grant. Les Baskerville On Culture, Les Baskerville Letter From Kunming China, Zhang Ao-Luo.	1-20
Higo Nomenclature, Vi Stone	2-18
How Do You Spell Hobby? F.R.I.E.N.D.S., Lou Rowe	2-11
Hybridizing In The Bay Area, Jack Lewis.	2-10
That Christmas Glow — Don't Let It Burn You.	2-10
Judges? Jim Grant	3-14
Les Reskerville On Culture Les Baskerville	1-26
Les Baskerville On Culture, Les Baskerville Letter From Kunming China, Zhang Ao-Luo.  Membership List Of Southern California Camellia Society, Bill Donnan.	2-9
Mbasebin Liet Of Southern California Camellia Society Bill Donnan	1-3
Multicolored Camellia Seedlings, Bill Woodroof,	
Unline Nuccio & Rill Donnan	4-27
Multiples California Show Winners For 1983 Art Gonos	2-14
Muritiples, Camellias — Plus Five Lim Randall	3-20
Melhociship List O'solation Canonian Multicolored Camellia Seedlings, Bill Woodroof,     Julius Nuccio & Bill Donnan Multiples, California Show Winners For 1983, Art Gonos My Ten Best Camellias — Plus Five, Jim Randall My Ten Favorite Camellias, Nancy Martin New Camellia Award, Paul Harkey News Of The S.C.C.S. Board Of Directors, Bill Donnan Pacific Camellia Society Awards Dinner, Alice Neely Pacific Camellia Society Picnic, Chuck Gerlach Random Thoughts From A Camellia Hobbyist, Robert C. McNeil. Report From The Northwest, Margaret Ingram.	2-23
New Camallia Award Paul Harkey	3-24
New Coffine SC C S Roard Of Directors Bill Donnan	4-6
News Of The G.G.G.G. Board Of Directors, but commen	1-18
Pattine Camerina obtletty Awards Diffred, Africa (very	1-18
Facility Camerina Society Figure, Chinese Gerhaen	4-5
Report From The Northwest, Margaret Ingram.	2-15
Report From The Northwest, Wargaret Ingram.	4-16-24
Show Results.	2-12
Show Winners Of 1905, Don Beigainin	4-23
Southern Cam. Camena Council Judges Symposium, Erne Fern	2-13
Southern Canti. Cameria Council Meeting, Lavina Heiselich	2-22
Report From The Northwest, Margaret Ingram.  Show Results.  Show Winners Of 1983, Don Bergamini Southern Calif. Camellia Council Judges Symposium, Ernie Pieri Southern Calif. Camellia Council Meeting, Lavinia Treischell The Graft Watcher, James McCoy The New Zealand Camellia Society, Richard Clere The 1983 Awards Of The Southern California	3-22
The New Zealand Cameina Society, Richard Ciefe	
The 1983 Awards Of The Southern California	1-19
Camella Society, Bill Donnan.	3-12
What Should I Do With Nancy Blut, Natity Waltin	4-8
Yellow Is Busting Out All Over, Mever Flet	
	3-15
Yellow Is Today, Meyer Piet	3-15
The 1983 Awards Of The Southern California Camellia Society, Bill Donnan. What Should I Do With Nancy Bird?, Nancy Martin Yellow Is Busting Out All Over, Meyer Piet Yellow Is Today, Meyer Piet.  AUTHORS	3-15
AUTHORS	
AUTHORS  Augis, Helen - A Camellia Profile (Ken Hallstone)	4-5
AUTHORS  Augis, Helen - A Camellia Profile (Ken Hallstone)	4-5
AUTHORS  Augis, Helen - A Camellia Profile (Ken Hallstone)	4-5
AUTHORS  Augis, Helen - A Camellia Profile (Ken Hallstone)	4-5
AUTHORS  Augis, Helen - A Camellia Profile (Ken Hallstone)	4-5
AUTHORS  Augis, Helen - A Camellia Profile (Ken Hallstone)	4-5
AUTHORS  Augis, Helen - A Camellia Profile (Ken Hallstone)	4-5
AUTHORS  Augis, Helen - A Camellia Profile (Ken Hallstone).  Baskerville, Les - Les Baskerville On Culture  Bergamini, Don - Show Winners Of 1983  Brown, Milton - Autumn In Longwood.  Butlet, Barbara - From A Fragrant Flower Petals Fall  Carey, Audry - Gelatin: Nitrogen For Plants.  Clere, Richard - The New Zealand Camellia Society.  Donnan Rill Membership List For Southern California Camellia Society.	4-5 1-26 2-12 1-17 3-13 1-17 3-22 1-3
AUTHORS  Augis, Helen - A Camellia Profile (Ken Hallstone).  Baskerville, Les - Les Baskerville On Culture  Bergamini, Don - Show Winners Of 1983  Brown, Milton - Autumn In Longwood.  Butlet, Barbara - From A Fragrant Flower Petals Fall  Carey, Audry - Gelatin: Nitrogen For Plants.  Clere, Richard - The New Zealand Camellia Society.  Donnan Rill Membership List For Southern California Camellia Society.	4-5 1-26 2-12 1-17 3-13 1-17 3-22 1-3
AUTHORS  Augis, Helen - A Camellia Profile (Ken Hallstone).  Baskerville, Les - Les Baskerville On Culture  Bergamini, Don - Show Winners Of 1983  Brown, Milton - Autumn In Longwood.  Butlet, Barbara - From A Fragrant Flower Petals Fall  Carey, Audry - Gelatin: Nitrogen For Plants.  Clere, Richard - The New Zealand Camellia Society.  Donnan Rill Membership List For Southern California Camellia Society.	4-5 1-26 2-12 1-17 3-13 1-17 3-22 1-3
AUTHORS  Augis, Helen - A Camellia Profile (Ken Hallstone).  Baskerville, Les - Les Baskerville On Culture  Bergamini, Don - Show Winners Of 1983  Brown, Milton - Autumn In Longwood.  Butlet, Barbara - From A Fragrant Flower Petals Fall  Carey, Audry - Gelatin: Nitrogen For Plants.  Clere, Richard - The New Zealand Camellia Society.  Donnan Rill Membership List For Southern California Camellia Society.	4-5 1-26 2-12 1-17 3-13 1-17 3-22 1-3
AUTHORS  Augis, Helen - A Camellia Profile (Ken Hallstone).  Baskerville, Les - Les Baskerville On Culture  Bergamini, Don - Show Winners Of 1983  Brown, Milton - Autumn In Longwood.  Butlet, Barbara - From A Fragrant Flower Petals Fall  Carey, Audry - Gelatin: Nitrogen For Plants.  Clere, Richard - The New Zealand Camellia Society.  Donnan Rill Membership List For Southern California Camellia Society.	4-5 1-26 2-12 1-17 3-13 1-17 3-22 1-3
AUTHORS  Augis, Helen - A Camellia Profile (Ken Hallstone).  Baskerville, Les - Les Baskerville On Culture  Bergamini, Don - Show Winners Of 1983  Brown, Milton - Autumn In Longwood.  Butlet, Barbara - From A Fragrant Flower Petals Fall  Carey, Audry - Gelatin: Nitrogen For Plants.  Clere, Richard - The New Zealand Camellia Society.  Donnan Rill Membership List For Southern California Camellia Society.	4-5 1-26 2-12 1-17 3-13 1-17 3-22 1-3
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# Directory of Other California Camellia Societies

CAMELLIA SOCIETY OF KERN COUNTY—President, Mel Canfield; Secretary-Treasurer, Nelson Prinz, 8300 Kern Canyon Rd., #148, Bakersfield 93306. Meetings: To be announced.

CAMELLIA SOCIETY OF ORANGE COUNTY—President, Walter Harmsen; Secretary, Mrs. Frances L. Butler, 1831 Windsor Lane, Santa Ana 92705. Meetings: 3rd Thursday, November through April, Santa Ana Fed. S & L Bldg., 1802 N. Main, Santa Ana.

CAMELLIA SOCIETY OF SACRAMENTO—President, Peter van Hoecke; Secretary, Evalena Smith, 601 34th St., Sacramento, 95816. Meetings: 4th Wednesday each month, October through April, Shepard Garden & Arts Center, 3330 McKinley Blvd.

CENTRAL CALIFORNIA CAMELLIA SOCIETY—President, Mary Ann Ray; Secretary, Ruth Ann Lewis, 6440 Sequoia Dr., Fresno 93711. Meetings: 3rd Thursday, November through February in Smuggler's Inn Motel.

DELTA CAMELLIA SOCIETY—President, Don Bergamini; Secretary, Jack Lewis, 3824 Beechwood Dr., Concord 94520. Meetings: 2nd Tuesday, November through March, Oak Grove School, 2050 Minert Rd., Concord

LOS ANGELES CAMELLIA SOCIETY—President, Dorothy Pieri; Secretary, Warren Dickson, 2310 Duane St., Los Angeles 90039. Meetings: 1st Tuesday, December through April, Union Fed. S&L., 2450 Glendale Blvd. Los Angeles 90039.

MODESTO CAMELLIA SOCIETY—President, Tony Pinheiro; Secretary, June Tenny, 2400 Schooner Lane, Modesto 95356. Meetings: second Tuesday, October through May, 800 E. Morris Avc., Modesto.

NORTHERN CALIFORNIA CAMELLIA SOCIETY—President, James Toland; Secretary, Judith Toomajian, 18 Diablo Circle, Lafayette Ca. 94549. Meetings: first Monday, November through May. Chabot School 6686, Chabot Rd., Oakland.

PACIFIC CAMELLIA SOCIETY—President, Al Gamper; Secretary, Marcie Alltizer, 1253 Bruce Ave., Glendale, 91202. Meetings: 1st Thursday, November through April, Descanso Gardens Exhibit Bldg., 1418 Descanso Dr., La Canada

PENINSULA CAMELLIA SOCIETY—President, Ali Henley; Secretary, Diane Hicks, 1253 Sharon Rd., Menlo Park 94025. Meetings: 4th Tuesday, September through April, AMPEX Cafeteria, 401 Broadway, Redwood City.

POMONA VALLEY CAMELLIA SOCIETY—President, Ann Gerken; Secretary, Dorothy Christinson, 3751 Hoover St., Riverside 92504. Meetings: 2nd Thursday, November through April, Pomona First Fed. S & L Bldg., 399 N. Gary, Pomona.

SAN DIEGO CAMELLIA SOCIETY—President, John Nichols; Secretary, Janet Hatch, 427 Orange Ave., Apt. F, Coronado 92118. Meetings: 3rd Wednesday, October through April, Casa Del Prado Bldg., Balboa Park, San Diego.

SANTA CLARA COUNTY CAMELLIA SOCIETY—President, Robt. Marcy; Secretary, Donna Hardy, 349 Condon Ct., Santa Clara 95050. Meetings: 3rd Wednesday, September through April, Allstate Savings, 1304 Saratoga Ave., San Jose.

SONOMA COUNTY CAMELLIA SOCIETY—President, Steve Campbell; Secretary, Jack Dodson, 656 Austin, Sonoma 95476. Meetings: 3rd Friday, November through May, Santa Rosa Jr. College, AG Bldg., Santa Rosa.

SOUTH COAST CAMELLIA SOCIETY—President, Warren Dickson; Secretary, Mrs. Pauline Johnson, 1251 10th St., San Pedro 90731. Meetings: 3rd Tuesday, September through May, South Coast Botanical Gardens, 26300 Crenshaw, Palos Verdes.

TEMPLE CITY CAMELLIA SOCIETY—President, Grady Perigan; Secretary, Mrs. Alice Jaacks, 5554 N. Burton Ave., San Gabriel, Ca 91776. Meetings: Friday, Nov. 18; Fri. Dec. 16, Thurs., Jan. 26; Thur., Feb. 23; Wed., Mar. 22; Thur., April 26. At Lecture Hall Arboretum, Arcadia.

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