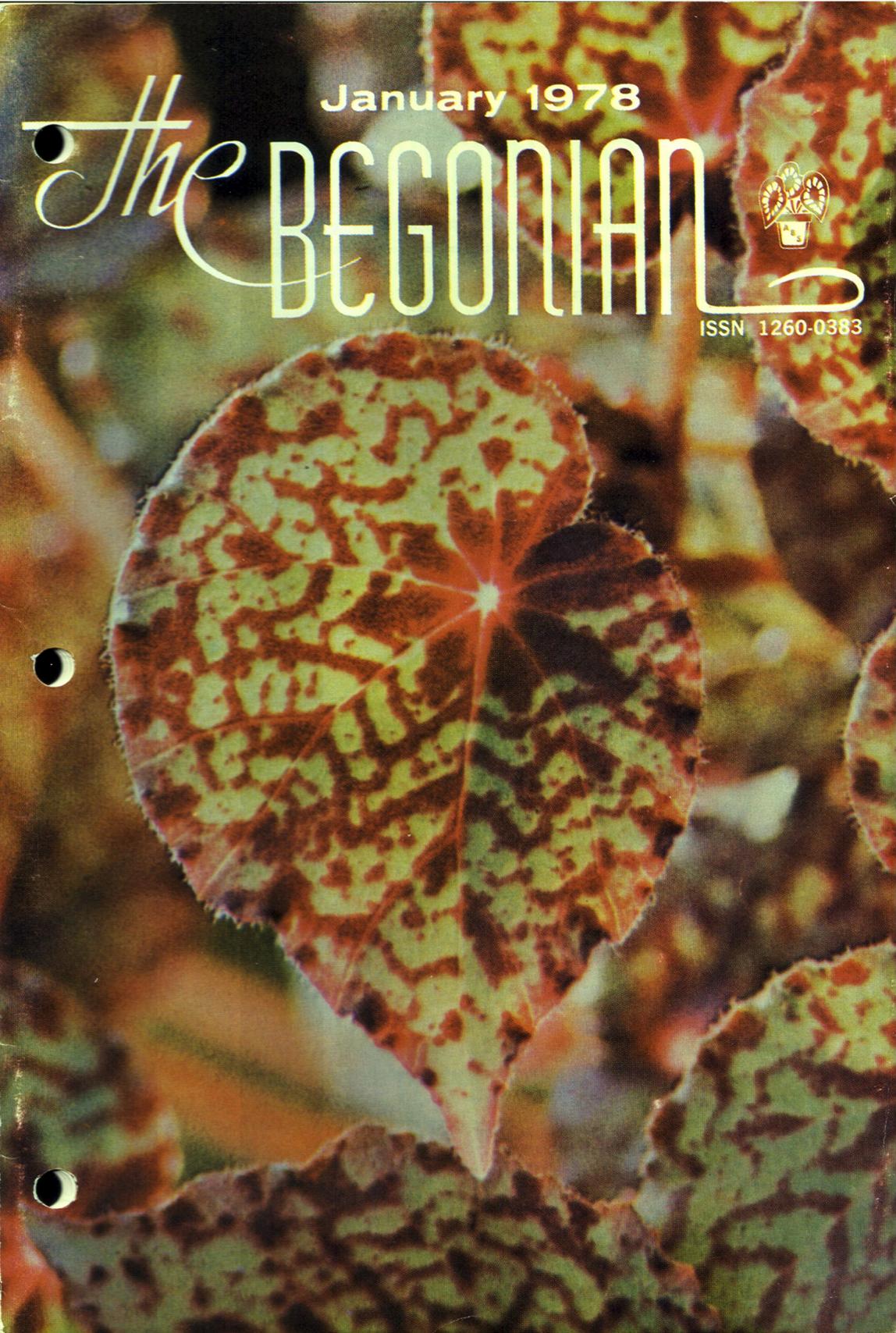


January 1978

The BEGONIAN



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DEADLINES

Deadline for advertising and copy is the first day of the month preceding the date of issue.

Views expressed in this magazine are not necessarily those of the editors, the society, or its officers.

AIMS AND PURPOSES OF THE AMERICAN BEGONIA SOCIETY

The purpose of this Society shall be:

- TO stimulate and promote interest in *Begonia* and other shade-loving plants;
- TO encourage the introduction and development of new types of these plants;
- TO standardize the nomenclature of *Begonia*;

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TO gather and publish information in regard to kinds, propagation and culture of *Begonia* and companion plants;

TO issue a bulletin which will be mailed to all members of the Society; and

TO bring into friendly contact all who love and grow *Begonia*.

B. 'RED PLANET'

By Debi Miller, Camarillo, Calif.
Cover Photograph by Gene Daniels

My first begonia growing attempts were, I'm sure like most people's — many plants went prematurely to Plant Heaven before I learned their growing requirements. After a while, though, and with the help of my Round Robin friends, I learned that many "miniature" begonias were suitable for my growing conditions. *B. 'Red Planet'* was the first "mini" that I grew, and is still a favorite in my begonia collection.

B. 'Red Planet' is a small-leaved, rhizomatous begonia. Its shiny leaves are 1½ to 2 inches in diameter, and have a leathery texture. The leaf color is bright green with striking, criss-crossing maroon markings.

I grow *B. 'Red Planet'* as a miniature in a very small pot — no larger than four inches. By trimming the leaves and rhizomes when they overgrow the pot, and by trimming the roots when the plant is becoming pot-bound, *B. 'Red Planet'* will be a small, compact plant (approx. 8 to 10 inches diameter) for many months.

B. 'Red Planet' grows happily for me in a potting mix of one part Canadian peat moss to two parts coarse oak leaf mold. If grown as a mini in this mix, this plant requires very little feeding. The only time I feed it is if the leaves begin to lose color. In this event, I feed with a water-soluble fertilizer at half-strength.

My plant of *B. 'Red Planet'* grows well in medium light. Too much light causes the brilliant green of the

leaves to dull, and the dark maroon markings turn brown. The plant takes on a "washed out" appearance. If the excess light includes direct sunlight, the plant will develop sunburn — brown, dried spots on the leaves. So far, my experience has been, better too little light than too much.

This begonia has not been fussy about water requirements. It grew nicely when it was allowed to dry out between waterings. Then we converted our greenhouse to a drip watering system, and I worried about how the plant would react to being continually damp. So far, *B. 'Red Planet'* is still growing well, even though it is constantly very wet. (Note: the potting mix I use is very coarse and loose, and it drains very quickly.)

Even though this plant is now growing well for me in a greenhouse where the humidity stays fairly high, I have also had good luck with it under house conditions, as long as it was kept moist and out of too-bright light.

There is a place for *B. 'Red Planet'* in every begonia grower's collection. I find it strikingly beautiful, yet fairly easy to grow (a good plant for beginners.) It will adapt well to being grown as a mini, and is a lovely plant for those with limited growing space, as well as for those who wish to grow it as a house plant. All in all, a delightful member of the *Begonia* world.

(See note on page 5)

GENE DANIELS HERBERT P. DYCKMAN AWARDEE

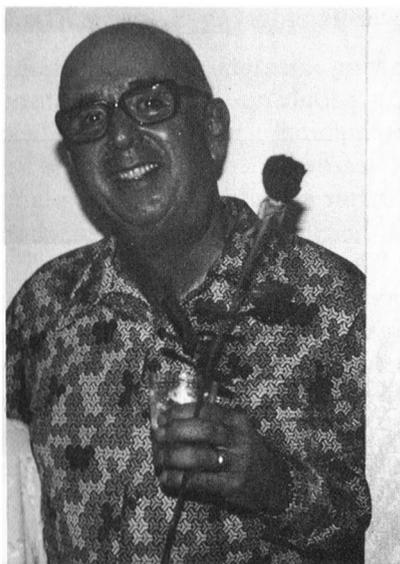


Photo by Thelma O'Reilly

The Herbert P. Dyckman Award for 1977 was presented to Gene Daniels of Camarillo for a dozen years of devotion and service to the American Begonia Society. He has submitted numerous articles and photographs for the *Begonian*, including the fine four-part series on tuberous begonias which appeared May through August, 1972. His efforts in initiating Operation Grand Donation in 1976 meant a great improvement in the financial status of the ABS. He has accomplished tasks of major proportions as a participant in the National Shows and Conventions as Show Chairman, Plant Sales Chairman, seminar speaker, auctioneer, display arranger, all-around handyman, as one who saw the job was done no matter what it might be. He has given innumerable purchasers and

beginners information and advice on handling little plants in order to have them learn the same joys of begonia growing he has felt himself.

Gene and Nettie Daniels have a garden full of begonias which have won blue ribbons at both local and national shows. It is a special retreat where the both love to be. They do not have a greenhouse, but otherwise grow begonias in every manner possible—in the ground, under trees or lath, on shelves in pots, hanging in baskets. They use a hot frame for propagating and sometimes for protecting some varieties. Gene credits Nettie with doing a lot of the work which keeps their plants in excellent condition all the time. They started with *Begonia* 'Alto Sharff', a hairy-leaved variety, and have grown all types, though the tuberous has be-

come their specialty. Gene has been hybridizing tuberous begonias to produce blooms of unusual colors and to develop plants which are resistant to problem weather conditions. He feels that the hobbyist tuberous hybridizer can be unrestrained in trying plants as parents since he does not have to be concerned with problems of reproducing in quantity quickly. Nor does he have to worry about production of seeds. He has developed about ten different tuberous hybrids which he feels are really good.

One of the interesting features of the Daniels' garden is the automated watering and misting system. Everything is so carefully timed and arranged that they have not hand-watered in over four years. Gene designed the system to suit special circumstances. Their system is not a luxury; it is a necessity for they are away from home a great deal. Gene is a professional photographer for Black Star Agency and his assign-

ments have taken him all over the world. Nettie frequently accompanies him and assists with the work. His work has appeared in *Sunset* magazine, the *Los Angeles Times*, Time-Life books, and lots of other publications. More recently his work has been appearing with great frequency in *Scouting*, *Exploring* and *Boys' Life*. He began photography as a hobby when a teenager, served as a Navy photographer during World War II, then studied at the Art Center in Los Angeles for 31½ years. His preference in assignments would be shots of people who are involved in doing something active and not posed shots. He seldom photographs flowers on the job.

Gene looks forward to his continued participation in ABS activities. He has already consented to take on a chairmanship for the Convention next year, but in typical fashion "doesn't know what they will want me to do yet."



At left: Gene Daniels and Ralph Corwin look over the trophy winners at the 1977 Anaheim Show.

Note: B. 'Red Planet' is one of the group of begonias that is red at the point where the leaf blade joins the petiole. Debi Miller said that it is the angle of light that makes the central dot on the cover subject appear white. Also the color of the leaves appears somewhat faded under this lighting.

**See you in
SACRAMENTO!**
September 14 thru 17, 1978
Annual ABS Convention and Show

BEGONIA PROFILES

By Thelma O'Reilly, La Mesa, Calif.

BEGONIA 'BANGLES'

Shortly after moving to California in 1962, I started the fascinating and oftentimes frustrating hobby of collecting and researching *Begonia* species.

One of the first additions to my collection was the lovely *Begonia olbia*, also known in the trade as the "maple leaved begonia". The bronzy green foliage certainly resembled small maple leaves in shape and color. I'll never forget the first time *B. olbia* bloomed. Large white clusters of pristine beauty aroused my hybridizing instincts. Numerous attempts to hybridize were unsuccessful because all male buds dropped before opening and female blooms refused to set seed.

Research showed no cultivated hybrids with *Begonia olbia* parentage in recent years. Records did show frequent success between the years of 1884 and 1903. This information prompted a long discussion with Rudy Ziesenhenné who had experienced the same disappointing hybridizing efforts. We agreed that there was a strong possibility *B. olbia* was a hybrid. As a result of the following occurrences in the late nineteen sixties, it was established that the plant grown as *B. olbia* was not the true species.

Begonia olbia was offered in the ABS Seed Fund. I promptly purchased seed which germinated and developed quickly. It was apparent the plants were different. What were these elegant and gorgeous identical

begonias that bore a haunting resemblance to my original *B. olbia*?

About the same time Peter Karegannes, Carrie's husband, went to Europe. He found in the Belgium Flea Market, some old begonia color plates which Carrie reproduced into slides for me. An unforgettable memory is the amazement and joy I felt upon discovering that one of the slides was a beautiful color plate of *Begonia olbia* Kerch (Rev. Hort. Belge 1883). There was no doubt that the plants grown from the seed offering were the true *olbia*. Now, what was the lovely plant we had grown in this country as *B. olbia* for so many years? After much research, I could not help but wonder if it could possibly be *B. 'Bronze de Nancy'* (*B. olbia* X *B. dregei* Lemoine 1901).

Naturally, the next step was to cross the true *Begonia olbia* and *B. dregei*, using each plant as male and female parent. Most of the seedlings were nearly identical to the misnamed *B. olbia* and were discarded. Three seedlings showed a strong resemblance to the true species. I grew them to maturity, chose the best one, and gave a cutting to Wally Wagner for testing. It flourished under his greenhouse conditions and he entered it as an unnamed hybrid in "Bubbles, Bangles and Begonias", the 1972 National Show in Glendale, Ca. It won a blue ribbon for the best Thick-Stemmed Begonia and captured the



Photo by E. Bates

B. 'Bangles' as displayed at 1972 Show

Division Trophy.

Charles Chevalier refers to *Begonia olbia* as "quite capricious" and this trait is inherited by *B. 'Bangles'*. In an unheated outdoor house it sulks if the temperature drops below 40 degrees. Under all growing conditions it resents water on the delicate foliage. It is susceptible to mildew in damp, cloudy weather and sprays should be used with caution and always at less than recommended strength. It is a rapid grower, quickly forming a beautiful, full, nearly everblooming shrub-like plant. It propagates readily from stem cuttings.

Every person who attended the 1972 convention will always remember the entertaining stage production presented by the Theodosia Burr Shepherd "Bangles". To honor my good friends, and because the name was so fitting for the dangling, earring-like bloom clusters on the plant, I named it *Begonia 'Bangles'*.

For a complete description see *Begonian*, November 1977. It is available at Pat Morrison/Jim Heffner, 5305 S. W. Hamilton St., Portland, Or. 97221.

References:

Begonias, Charles Chevalier, Translated by Alva G. Graham. Page 142.

REPORT OF THE RESEARCH DIRECTOR

November 28, 1977

Carleton L'Hommedieu, Research Director

The final library research is progressing and should be finished by the first week of December. Checking through all of the *Begonians* from 1941 to 1976 has taken a little longer than anticipated. This has been a part time job with the researchers from the start, so I think we are fortunate to have the project almost finished. It probably would have been better to have a person work on it full time but we have just about been able to keep up the payments for a part time student over a period of three years.

A check for \$100. was received from the Gordon Lepisto Branch of Minneapolis, specifically for Scott Hoover's trip to New Guinea. I have had a policy of not accepting donations for a specific person or project but since I had made a special appeal for helping Scott Hoover, I will accept it. He is now in New Guinea.

Our committee member in England, Mac MacIntyre, has sent a report of his recent trip to Scotland. This is an annual visit for Mac, and I appreciate his sharing with us the report concerning the Botanic Gardens at Glasgow and Edinburgh. He is always given the red carpet treatment by influential botanists at the Gardens. At Glasgow the layout of the greenhouses has been much improved. They have a large collection of cultivars including many of Mac's hybrids. Mr. Adam Martin escorted him around the greenhouses in Glasgow. He was working at Edinburgh when he brought the Sarawak species back with him so Glasgow doesn't have it. At Edinburgh, Mac found many species of interest that would be rather difficult to find elsewhere.

Financial Report

Balance on hand, Oct. 24, 1977	\$147.55
Receipts:	
Oct. Seed Fund	41.65
Nov. Seed Fund	39.25
Monterey Bay Area Branch	25.00
Redondo Area Branch	25.00
In memory of Opal Ahern	
Mr. and Mrs. R. Zieshenne	10.00
In memory of Alva Ayersman	
Santa Barbara Branch	25.00
In memory of Alva Ayersman	
Buxton Branch	25.00
Eastside Begonia Branch	25.00

Balance on hand, Nov. 28, 1977\$363.45

Contributions by both branches and individuals are most welcome. Such donations are completely tax-deductible. Additional funds are now necessary to initiate a new research project.

BEGONIA SHOWTIME



Seminar Chairman Eileen Franklin steps forward to claim a ribbon. The show was used as a teaching tool to explain judging techniques.

Rochester Judging Seminar

The Rochester Judging Seminar consisted of two full days of intense participation. The audience was composed of growers of every level of experience, and everyone benefited from the sessions. Many of those attending brought plants to display in the associated show, Begonia Showtime. Plants from the show were used to illustrate the seminar topics. Qualified judging teams scored the entries as in any major show, but participants were permitted to observe the judging process.

Ed and Millie Thompson presented the material at the sessions in such a way that the audience did not even want to take the scheduled breaks. When they were given the option of touching briefly on each group of begonias or going into detail, the participants chose the greater detail, and all hoped to complete the omitted

classes of begonias at a later date.

In October, after the seminar was over, the Rochester Branch voted to send to the Thompsons a gift of \$100 to be used to continue research and photography of begonias. Secretary Joan Mavis wrote, "Although the success (of the conference) came through the hard work by a lot of people, we realize that it was your lectures sharing all your knowledge and experience with us that made it so worthwhile and enjoyable."

In reply, Millie Thompson said, "Ed and I . . . are so very overwhelmed with the generosity and thoughtfulness of the Rochester Branch. Words cannot express how wonderful this conference and this generous donation made us feel. Imagine me at a loss for words!"



Master of Ceremonies Len Franklin presents award to Deborah McCausland at the Rochester Judging Seminar. Other winners were:

Division A. Cane-like

B. 'Sophie Cecile'

Exhibitor: Betty Fennell

Division B. Shrub-like

B. 'Medora'

Exhibitor: Deborah McCausland

Division D. Semperflorens

B. 'Tausendschoen Pink'

Exhibitor: Betty Fennell

Division E. Rhizomatous

B. 'Libby Lee'

Exhibitor: Sara Day

Division F. Rex

B. 'Grand Duchess'

Exhibitor: Betty Fennell

Division G. Tuberous

B. 'Max Welton'

Exhibitor: Eileen Franklin

Division I. Contained Atmosphere

B. rajah

Exhibitor: Eileen Franklin

Division J. Artistic arrangements of Begonia rooted & growing.

B. masoniana

Exhibitor: Evelyn Cronin

Division K. Hanging containers and/or Wall pockets

B. El 'MacWhorter'

Exhibitor: Betty Fennell

Division L. Species

B. foliosa

Exhibitor: Eileen Franklin

Division M. Novice Growers

B. 'Neely Gaddis'

Exhibitor: Joan Lovett

Division N. Other Shade plants.

Aeschynanthus

Exhibitor: Leslie Holtz

Best of Show

B. 'Sophie Cecile'

Exhibitor: Betty Fennell

Sweepstakes

Betty Fennell

Best Begonia traveling more than 100 miles.

B. palmifolia

Exhibitor: Deborah McCausland

Ed and Millie Thompson Award

Showing is Sharing

Betty Fennell

JOTTINGS FROM THE SEMINAR

By Jim Fryer, Knickerbocker Branch

Excerpts from the *Knickerbocker News*

Perhaps if I were not in the chapter group studying the judging course I would have missed the Seminar in Rochester on Sept. 15, 16 and 17. However, after learning that Ed and Millie Thompson were to guide the study of begonias, wild horses could not have kept me away. When I explain that I have heard them twice at our meetings, and that I have their Begonia Guides, you can understand that being with them for two whole days seemed unbelievable.

So, early on Thursday morning I left and after driving eight hours through three states, I arrived about 3:30 in the afternoon. By the time I registered for the seminar it was 5 o'clock and, even by that time, it was obvious that this was going to be a great plant show. Individuals had been asked to bring plants for judging but I did not expect to see plants of the size and quality that had arrived in such great quantity.

It was nearly 10 P.M. Thursday evening when the first learning session began. Eileen Franklin, conference chairman, greeted us in the large area which served as Registration, Plant Reception and Plant Sale and Show area. After thanking us all for coming and commenting on the wonderful collection of plants brought, she explained that all visitors would be able to participate in the judging process to be conducted Friday morning. While all the judges and clerks had been selected, the other visitors would be allowed to join the teams as observers and thereby hear the comments made by the

judges in evaluating the plants.

She then introduced Frank Kerin and his team from Pittsburgh who were in charge of plant registration and entries. He explained thoroughly the method they have found most successful in receiving entries.

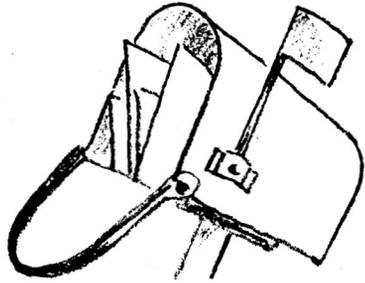
Friday morning everyone met to be given assignments with various judging teams for specific divisions of plants. I considered myself lucky to be placed with a judging team which included Ed Thompson. This team judged cane-like, shrub-like, thick-stemmed and semperflorens. There were some beautiful large plants in all groups but the "semps" were the ones I admired most.

Friday afternoon, the seminars began. Despite the fact that we had three sessions with the Thompsons, it was not enough time. We covered the cane-like, shrub-like, thick-stemmed, semperflorens characteristics and the rhizomatous types. Slides as well as plants from the show were used as illustrations. Demonstrations were given of correct staking, shaping, potting, pinching, propagating, etc.

The whole Seminar was a terrific accomplishment by the Greater Rochester Branch of the A.B.S. whose active membership numbers about 15. However, with the help of their spouses and children they conducted a conference a larger group would have been proud of. Large numbers of plants were brought in by members in the northeast sector who would have ordinarily attended the Annual Eastern Convention.

BEGONIA QUESTION BOX

Write to: Elda Haring
Box 236, Flat Rock, NC 28731



Question: I water my plants in the morning but they are always dry by afternoon. What do you suggest?

Answer: It would seem that your plants do not have adequate water at the roots. Make your own test by placing pot in a container of water deep enough to permit water to flow over the top of pot. If bubbles show let remain until bubbling stops and then drain thoroughly before putting back into place. Afterward, water as top of soil *approaches* dryness. You can, if preferred, pour water in the pot until it shows in the saucer below. If moisture remains after a half hour pour off excess. Too much water is as damaging as too little.

Question: Where can I obtain milled sphagnum and the oak leaf mold mentioned in the *Begonian*?

Answer: Most garden supply shops in the northeast carry milled sphagnum in both large and small size bags. It can also be obtained from George Parks Seed Co., Greenwood, S. C. 29647. Write for their catalog. It is free. Oak leaf mold which is available on the West Coast is used by members out there but is not available in the East. I use either German or Canadian (not Michigan) peat as an additive to my potting mixes.

Question: A friend gave me begonia leaves but they did not root.

They were placed in plastic bags for the trip home. *Answer:* Whether I transport leaves or take them from my own plants I place stem ends in water for a few hours before putting them down to root. If the leaf still seems limp and not crisp and turgid I submerge the entire leaf overnight which sometimes results in crispness. Any damaged part of the leaf can be cut away before inserting in the moist mix.

Question: Have you ever grown begonias in water, if so, what were the results? *Answer:* Using shrub-like, semps and rexes I have experimented with this method of growing. In the bottom of the container I used marble chips and charcoal in equal parts to hold stems upright. After they were well rooted they were fed 2 drops of Schultz Instant fertilizer monthly. Every 5 weeks I changed the water and added the fertilizer to the fresh water. Plants grew and were most satisfactory for over a year. Why don't you try it just for fun and advise as to your experience with this growing method.

ROBERT B. HAMM

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ROUND ROBIN NOTES

By Mabel Corwin, Round Robin Director

Some of the robins are now going around very quickly. Others are not doing so well. Some of the chairmen report they are not getting courtesy cards. PLEASE, when you send the robin on to the next person, send a card or note to the flight chairman. This is the only method we have of keeping track of the flights.

Members in Arizona have special growing problems because of the climate. I have had requests for an All Arizona flight. If you are interested let me know. Perhaps New Mexico could be included if anyone there is interested.

I have a list of all flight topics along with the chairmen. It is available to any ABS member. If you would like to have a copy, write to me and I will be happy to send you one. We now have 97 flights.

Pollinating

The Hybridizing flights are very interesting as they compare their methods of pollinating and discuss the crosses they are making. Frequently they include seeds of their crosses for the other members to try. Mae Blanton, Texas, an experienced hybridizer, tells her method of pollinating: Take the pollen flower off the plant, flick it gently with your fingernail to see if the pollen is ripe (you will see dust fly if it is). If it doesn't show visible pollen, lay flower up for a few hours to dry. Put it out of a draft or it will overdry. Another trick is to prop two flowers together (still attached to the plant) or tape with a bit of scotch tape the male flower in position to the female

flower so they will be together when the pollen is released. I leave the pollinated pod on the mother plant until the stem has dried. Then I remove it, put it in a small envelope and place the envelope where it can get air freely until pod has dried and released seeds. Jewelers tags with the names of the two plants used in crossing and the date of the cross can be tied around the stem holding the pod. I make my own out of stiff paper and put dental floss (waxed kind) through a hole in the paper. The tag goes into the envelope with the harvested seed pod. Record keeping is important if you wish to name and register your resulting hybrid. Using one plant that is a hybrid for a parent will give you much more variation in the seedlings than crossing two species. Selfing your species can give you viable seeds that usually grow better in your environment than a plant grown somewhere else. Selfing hybrids can give you something new and exciting, but should never be labeled as the mother plant. Far better to give it a new name from the start.

Humidity problems

Barbara Rogers, Arizona, sent a picture of her unidentified Brazil species which she grew from Seed Fund seed. She says it acts like a ground cover, creeping along, but has not yet bloomed for her. Barbara lines her greenhouse with sheets for shading, and hoses them down to add to the humidity which is a problem in Tucson. Barbara organized the Desert Begonia Society there.

Pat Maley, California, also lives in an area that gets very warm. Her greenhouse is made of fiberglass. She is lining the walls and roof with plastic for insulation. The floor is covered with pea gravel. This is kept wet to increase the humidity. Pat also has a plant shelter made of discarded fluorescent tubes. She likes this very much. If the tubes are placed close together they give good insulation. The ground and plants under the tubes stay cool and moist. Pat grows her begonias in a very COARSE, loose mix of leaf mold, fine and medium bark, redwood compost, coarse sponge rock, and a bit of charcoal. Depending on availability, the ingredients sometimes vary, but the TEXTURE stays the same.

Propagating cuttings

Bill Deason, Canada, writes: When I put down a cutting I fill a styrofoam cup with vermiculite and fill with water and about a third of the way up from the bottom I push my thumbnail into the pot. This drains out the surplus water, but leaves enough water in the pot to keep the top moist. You can never over water as the water runs out the hole in the side of the pot.

Marvin Kahr, Iowa, takes his cuttings during the week of the full moon. He says don't wait until too late in the fall. When the plants stop growing they are more difficult to root.

If you would like to join this interesting group of people, write to me. I will include you in the robins of your choice as soon as possible.

Mabel Corwin
1119 Loma Vista Way
Vista, California 92083

WESTERN ORCHID CONGRESS

The 22nd Western Orchid Congress of the Orchid Digest Corporation and the Spring Meeting of the American Orchid Society will be hosted by the Northwest Orchid Society of Seattle, Washington, March 2-5, 1978.

If you are an orchid fancier, join us for seminars, workshops, greenhouse tours, and an opportunity to meet orchid experts from around the country. Accompanying the Congress is the superb NWOS orchid show and sale at the Center House of the Seattle Center, March 3-5.

Participation in the Congress is open to all; membership in an orchid society is not required. For further information and registration forms, write to Jeanette Brashear, Registrar, 3007 - 91st SE, Everett, WA 98204.

Mary Davidson Dunnell
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B. 'Gold Coast'



B. 'Buttercup'

COMPARISON OF TWO BEGONIA HYBRIDS

By Philip G. Seitner, Chicago, Illinois

The photographs and the chart appearing on the next two pages illustrate subtle differences between two hybrids having one parent in common. Mr. Seitner commented that the photographs tend to give the impression that the leaf color difference is somewhat greater than is actually the case. A detailed study of *B.* 'Gold Coast' appeared in the October issue.

Hybrids with similar parentage justify careful attention to distinguishing characters. This chart provides reference to differences permitting easy distinction.

POINTS OF DISTINCTION BETWEEN TWO HYBRIDS:

Begonia	'Gold Coast'	'Buttercup'
Character:	B. prismatocarpa X B. staudtii:	B. prismatocarpa X B. ficicola:
Leaf blade size	Up to 11.0 cm x 7.7 cm (average smaller)	Up to 9.7 cm x 6.1 cm (average smaller)
Leaf blade proportions	Ratio of length to width, 1:0.7 (Leaf width is 7/10 of length.)	Ratio of length to width, 1:0.63 (Leaf width is 6/10 of length.)
Leaf blade venation	10 primary veins (rarely 9 or 11)	9 primary veins (rarely 8 or 10)
Leaf blade edge denticulation	10 per cm, up to 1.0 mm long	5 per cm, up to 0.6 mm long
Stipule size	Up to 9.5 mm x 5.5 mm (ave. less)	Up to 7.0 mm x 4.0 mm (ave. less)
Petiole size and surface	Up to 12 cm (ave. less) Moderately densely hairy.	Up to 8.5 cm (ave. less) Sparsely hairy.
Peduncle surface	Sparsely hairy	Smooth or only occasional hair
Inflorescence	Typically, three staminate flowers (rarely two or one), plus one pistillate flower. Four staminate flowers have not been observed in seedlings of this cross.	Typically, two staminate flowers (rarely one), plus one pistillate flower. Three staminate flowers have not been observed in seedlings of this cross.

Inflorescence
bracts

Largest 5.0 mm long

Largest 2.0 mm long

Sepal proportions

Largest 1.55 mm long x 1.8 mm wide. Ratio of length to width, 1:1.2 (i.e., sepals are 1.2 times wider than long).
Largest 1.55 mm long x 1.50 mm wide. Ratio of length to width, 1:1 (i.e., sepals are about as wide as long).

Ovary wings,
size and shape

Conspicuous: 1.0 to 1.5 mm wide. Vertical wings wider than horizontal wings, at distal end.
Narrow, scarcely more than ridges on the crest of the carpel. Vertical and horizontal wings alike.

Ovary pigmentation

Ovary contents are occasionally pigmented bright pink in cross section; externally this appears as oval yellow longitudinal marking on the ovary sides.
Ovary contents never observed to become pigmented. Ovary wall color relatively consistently green.

Horticultural assessment: *B. prismatocarpa* provides horticultural novelty through its diminutive character, yellow perianth, ability to live in small display containers (also a requirement for humidity), vigor, and a tendency to flower abundantly over long periods. Closely related species are considerably larger, in general flower less abundantly and frequently, and are somewhat more demanding in their cultural requirements. (*B. ficicola*, *B. staudtii dispersiflora*, and *B. quadriolata* are species closely related and in cultivation.) Hybridized with these other species, *B. prismatocarpa* happily contributes its generous flowering tendency and vigor to seedlings of intermediate proportions. Neither the hybrid (*B. prismatocarpa* X *B. staudtii*) nor the hybrid (*B. prismatocarpa* X *B. ficicola*) possess characters making one more desirable or useful than the other. Only personal taste or a very particular horticultural need can determine whether the former (with its slightly larger proportions, wider sepals, and more numerous staminate flowers) or the latter (with its slightly smaller proportions, narrower sepals, and fewer staminate flowers), or *B. prismatocarpa* itself (smallest of all) is most suitable or desirable.

By Philip G. Seitner

CLAYTON M. KELLY SEED FUND

- Ja 1 — *B. cinnabarina*: tuberous species from Bolivia. Large, bright orange-red flowers. Upright habit. Very lovely. Fragrant to some. per pkt 1.00
- Ja 2 — Costa Rican mixed varieties. Jumbo pkt Special .75
- Ja 3 — Costa Rican species: unknown variety, grows to approx 1 ft. tall, large pink flowers with leaves in clusters of three. per pkt .50
- Ja 4 — Costa Rican species: unknown variety; shrub-like, to approx 5 ft. Has small green leaves on long red stems. Large clusters of white flowers. Per pkt .50
- Ja 5 — *B. dietrichiana*: low shrub with dark red, succulent spreading branches, narrowly oval leaves 4 in. long, with white flowers. per pkt 1.00
- Ja 6 — *B. fuchsoides*: a 3 ft. high, cane type shrub, with small leaves and rather small, brilliant red flowers in fairly large inflorescences. per pkt .50
- Ja 7 — Guatemalan species: lovely plant with star leaves. Rhizomatous type. per pkt 1.00
- Ja 8 — *B. hemsleyana*: has beautiful palm-like leaves, and rosy pink flowers. Blooms freely Dec-Jan. A different pot plant. per pkt 1.00
- Ja 9 — *Hillebrandia sandwicensis*: a tuberous plant of the family of the Begoniaceae from Hawaii. About 1½ ft high, green leaves and large inflorescences of white flowers in autumn. per pkt .50
- Ja 10 — *B. incarnata*: frilly, fluffy-looking plant with light green leaves charmingly fluted and scalloped on the edge. Flesh pink flowers in winter. per pkt 1.00
- Ja 11 — *B. incana*: This plant is shrub-like, felted and hairy leaved. It blooms white from November through March. per pkt .50
- Ja 12 — *B. molleri*: species from West Africa; grows 2 to 3 ft. high, with arching branches; leaves oval, perfectly symmetrical, smooth and shiny. Flowers large, white, separate or only a few in an inflorescence. per pkt .50
- Ja 13 — *B. piresiana*: grows up to 1 ft., compact; leaves glossy dark green above, the undersides and the stems covered with a thick brown felt. Flowers white. (See photo.) per pkt 1.00
- Ja 14 — *B. robusta*: Java. Sturdy, hairy plant, 3 to 4 ft high. Bush grower with small crinkled leaves, red beneath, and red stems. Flowers pinkish white, borne beneath the leaves per pkt 1.00
- Ja 15 — *B. roezlii*: This species from Columbia is shrub-like, with medium sized, bare leaves. It is a moderate bloomer, with pale purple-pink blooms in January and February. per pkt .50
- Ja 16 — *B. veitchii*: This tuberous species is not often seen. Low growing, closely related to *B. roseaflora*, but flowers are orange-red or vermillion; blooms in summer. per pkt 1.00

- Ja 17 — *Nephrolepis*, "Sword Fern" spore: Very similar to the Boston fern, but fronds are more upright. Makes pot plant or even maybe used as bedding plant in temperate areas.per pkt .50
- Ja 18 — *Sinningia eumorpha*per pkt .75
- Ja 19 — *Sinningia speciosa*: This is commonly known as the florist gloxinia. Makes spectacular pot plants. Forms underground tuber that rests for short period after blooming. (large packet.)per pkt 1.00
- Ja 20 — *Sreptocarpus variabilis*per pkt .75
- Free: Jumbo packet of mixed semps on request with any order.

My thanks to everyone who has contributed seed to the Seed Fund. Your support is really appreciated.

Calif. residents, please add 6% sales tax on all orders. All customers please send a self-addressed, stamped envelope with all seed orders. Make all checks or money orders payable to: Clayton M. Kelly Seed Fund. (Foreign orders please make out in U.S. Funds.) Mail to: Mrs. Linda Miller, P. O. Box 227, Gardena, CA 90247.

Mildred Davis Scholarship

The Southern California Horticultural Institute is offering a \$1000 annual renewable scholarship to a student with a strong interest in ornamental horticulture.

The recipient must be enrolled full time as an upper division or graduate student in botany, horticulture or an allied field.

Factors to be considered in selection:

1. Horticultural interests and accomplishments
2. Grades
3. Financial need
4. How the award will be used
(tuition, living expenses, books, etc.)

Completed applications must be received by March 10, 1978. An application form may be obtained from:

Southern California Horticultural Institute
P.O. Box 49798
Barrington Station
Los Angeles, Calif. 90049



Begonia piresiana

Photo supplied by J. Doorenbos

NO FROST PATENTS

It has been called to our attention that a number of people have purchased some of the Frost hybrid begonias, only to find that they bear a patent or patent pending label. These were purchased from growers other than ourselves.

We wish to announce that none of our hybrids have been, nor will be patented. Anyone having one or more of these plants should disregard the patent label and feel free to propagate and distribute as he wishes.

Doug & Goldie Frost

SHADE PLANT JUDGING SEMINAR

The San Gabriel Valley Branch, A.B.S. will be host to a Judges Seminar of Shade Plants other than *Begonia* at the Seminar Room of the Los Angeles State & County Arboretum in Arcadia on January 28, 1978.

The first seminar on ferns will begin at 10:00 A.M. by Bill Cook (of The Plant Shop, Reseda); followed by Madge Lilliquist at 11:00 A.M. who will discuss judging african violets.

Lunch will be served at 12:00. Jean Natter will advise on judging gesneriads at 1:00, and Raymond Weaver will conduct the seminar on judging fuchsias at 2:00. It is hoped that prior to the seminar we will have an accredited judge to discuss bromeliads.

At lunch, the meat course, rolls and coffee will be provided by the San Gabriel Valley Branch. Participants are requested to bring favorite dishes such as a vegetable, salads and desserts, together with own table service.

Judges and student judges are welcome, as well as others interested in learning about plants other than *Begonia* which are often seen at shows.

In order to provide adequately for those planning to attend, please advise Virginia Barnett, 1213 S. Mullender Ave., West Covina, CA 91790. If you wish to telephone, the number is (213) 336-1598, but in any case, please let her know by January 20, 1978.

JUDGING NOTES

Did you ever wonder why a trophy was awarded to "THAT" plant? Why *was* it "special" when there were so many other plants that appeared to be better or prettier? What were they thinking of?

If these questions have been bothering you, why not try to get some answers?

The ABS judging course contains the information regarding the "whys"!

You do not have to become a begonia judge unless you desire to do so and work toward that end, but the judging course will explain just what it is about a plant that would make it "special" — what the judges look for — how they grade (point score) — and what a certain plant *should* look like. Such information should enable an exhibitor to enter really

good plants so that the competition would be strong, adding to the overall high quality of the show.

The judging course consists of a series of lessons prepared and given in 1970-71, a series of lessons prepared in 1965 upon which the 1970-71 lessons are based, and a set of quiz sheets formulated in 1972.

In addition to the course there are two booklets that will prove to be extremely valuable in conjunction with the course; these are *A Suggested Guide to Classification of Begonias for Show Purposes* and *The Point Scoring System for Judging Begonias*. Available, also, are helpful lessons giving a briefing on ferns, on fuchsias, and on gesneriads and african violets. It might be added that none of the material is illustrated.

(Continued on page 31)

Mini-Ads

The rate for advertising in this column is \$1 per line (about 36 characters) with a minimum charge of \$4. Payment for the ad must accompany order. Direct questions, copy, and checks to the Advertising Manager, Lorraine Frinchaboy.

Begonias, Gesneriads, miniature terrarium plants, tropicals, Catalog \$1. Kartuz Greenhouses, 92 Chestnut St., Wilmington, MA 01887. Phone (617) 658-9017

BEGONIAS. Featuring Wally Wagner hybrids, gesneriads, miniatures for light gardens. List 35¢ Pat Morrison/Jim Heffner, 5305 S.W. Hamilton St., Portland, OR 97221.

The Good, The Rare and The Beautiful in begonias. Rex, rhizomatous, cane and shrubs. 25¢ for list. Visitors welcome. Lera's Greenhouse, P.O. Bx 948, Porter, TX 77365 (713) 354-3567.

BEGONIAS, Popular varieties, new hybrids, 300 kinds. 20¢ cash or stamp for list. Rainbow Begonia Gardens, Box 991, Westminster, CA 92683

Begonias — Blue Ribbon Winners. Many varieties. Retail only. Price list 35¢ or stamps. John Sousa, Begonia Paradise Nursery, Rte 1, Box 94, Bear Creek, NC 27207.

Begonias and ferns in northern California for the collector or novice. Wendel's Greenhouse, Rt 1, Box 481 BB (Muir Ave.) Chico, CA 95926 Ph. 916-342-6319

THE THOMPSON BEGONIA GUIDE, second edition. Three volumes; 975 pages; over 750 black and white photos; and many line drawings. Volumes may be purchased separately but subscription to entire three volumes is required. To order and for further information write E. & M. Thompson, P.O. Drawer PP, Southampton, N.Y. 11968.

EARTHWORM CASTINGS. Recognized by many authorities to be the finest potting soil created by natural methods. You will be amazed at how well your plants grow, 4 lb. bag (approx. 1 gal.) \$3.00, postpaid. Jump Off Worm Farm, St. Andrews, Tenn. 37372.

Jasmine Polyanthum: *Cissus adenopoda* (Pink *Cissus*) in 2½" pot, \$2.98 pp. Pregnant Onion (*Ornathogalum caudatum*) 3 bulbs \$2.75, 1 sprouted bulb in 2½" pot \$3.50 pp. R. W. Rich, 474 Lowell St., Andover, Mass. 01810



Chairman Pearl Benell announced the winners of the cash door prizes at the Anaheim Show: First, Hazel Snodgrass, Ventura, Calif.; Second, Mrs. Dan Harrell, Elgin, Texas; Third, Charlene Guyer of Henrietta, New York; Marvin Vipond, Sacramento, Calif.; and Lenore Coscarelli of Los Angeles, Calif.

DR. BARKLEY SPEAKER IN TULSA

Dr. Fred Barkley, emeritus professor of biology of Northeastern University in Boston, was guest lecturer of the Greenhouse Gardener's Society in the Tulsa Garden Center in November. His topic was "Me and Begonia". Dr. Barkley spent the past summer at the Northeastern University Greenhouses working with begonias.

The Gift House Greenhouse — begonias, violets, cuttings only. List 35¢. Kit Jean, Rt. #1, Box 319, New Johnsonville, Tennessee 37134 (615) 535-2026.

**MINUTES OF THE REGULAR
MEETING OF THE BOARD OF
DIRECTORS OF THE
AMERICAN BEGONIA SOCIETY
November 28, 1977**

The meeting was called to order at 7:45 p.m. in the South Gate Auditorium by President Richardson. After the pledge of allegiance led by Paul Lee and the aims and purposes by Ralph Corwin, the minutes were approved as read by the secretary. All correspondence was read.

The treasurer, Gil Estrada, reported a balance on hand of \$4,399.18, receipts of \$2,780.82, disbursements of \$4,946.58, leaving a balance of \$2,233.42, November 18th.

Ralph Corwin reported that Betty Tillotson now has all the material pertaining to the roster.

The secretary read the membership secretary's report. There were 126 new members, 4,121 members in good standing this month, and receipts of \$1,834.53.

Margaret Lee, judging course director, reported sales of \$117.20 for courses and booklets (10 courses were sent out), expenses of \$19.18, leaving a balance of \$98.02. Mrs. Linda Kirik of North Bay, Ontario, Canada has become a sophomore judge.

The Round Robin director, Mabel Corwin, reported there are 97 Round Robin flights that members can join if they desire. She also showed the Board the new letter of information she sends in answer to inquiries about robins.

Lorraine Frinchaboy, who is the advertising manager, reported receipts of \$244.50 for October, \$335.00 in accounts receivable, and that the Christmas ads were coming in.

The sales for the Clayton M. Kelly Seed Fund were \$412.11, expenses of \$19.60, leaving a total of \$392.51 balance according to the report of Linda Miller.

Pearl Benell read the research director's report. There were donations of \$215.90 to the fund this month. The final work on the Cultivar project should be done the first part of December, and will be ready for publishing.

The Awards committee is working on some changes and revisions for cultural awards.

The committee for counting the ballots for the changes in the bylaws reported that the votes were unanimous for the changes. Ralph Corwin stated that the committee would be starting to work on the final draft of the Constitution and Bylaws revision after the holidays.

Doug Frost said he had received several letters asking for more information from the Sacramento Branch about the national show. Material has been sent to them. The past show books are not ready to

close since there are still some outstanding bills. Everything should be in order to have the books audited, and a final report for 1977 Show at the next meeting.

According to the secretary, the votes from the branch representatives for the change in dues was unanimous, so the dues after January first will be \$6.00 per year.

There was some discussion by the Board about the use of pictures inside the **Begonian**. The editor explained that contributors usually send colored slides, and that is why some of the pictures aren't too clear. He said that black and white prints make better printed pictures but that he had to use the material that was sent in.

The Board approved the appointment of Mabel Corwin and Gil Estrada to the editorial committee, and that they would meet before the next meeting to discuss the printing of the book of nomenclature.

The secretary read a letter from the past president, Mrs. Ziesenhenné, concerning the request of the IRS for information about the change of status for the exemption of taxes. A motion was passed to approve the three resolutions and send them to the Finance committee chairman to send to the IRS. Meeting was adjourned at 10:30.

Virginia Barnett, Secy.

*Palos
Verdes*

**Begonia
Farm**

4111 - 242nd St., Waleria, Ca. 90505

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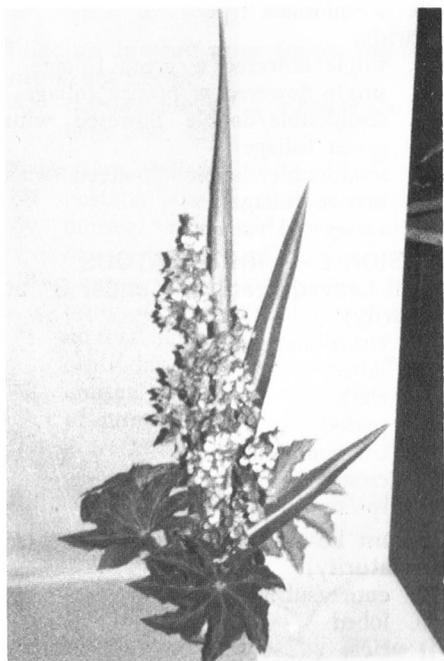
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MIAMI PREVIEW

Three prize-winning entries at the 1977 Miami branch show were: *B.* 'Shirt-sleeves' entered by Wendy Smith (top), and two artistic arrangements using begonias, one by Mrs. C. D. Pfister (left) and the other by Mrs. Kolsenge. Photos by Charles Jaros.

TWELFTH EASTERN REGIONAL BEGONIA CONVENTION AND SHOW

The Miami Airport Inn
1550 N. W. LeJeune Road
Miami, Florida 33126

April 13th, 14th, and 15th, 1978

SHOW SCHEDULE

DIVISION A — CANE LIKE

Class:

1. Superba
2. Mallet type

All Other Canes

3. low (generally under 2 ft. at maturity)
4. intermediate (generally 2 ft. to 4 ft. at maturity)
5. tall (generally over 4 ft. at maturity)

DIVISION B — SHRUB LIKE

Bare Leaved:

6. large leaved (generally over 6" at maturity)
7. medium leaved (generally 4" to 6" at maturity)
8. small leaved (generally under 4" at maturity)
9. small leaved, everblooming type.

Hairy Leaved:

10. wide leaved (generally over 3" at maturity)
11. narrow leaved (generally under 3" at maturity)
12. felted

Distinctive Foliage:

13. unusual surface and/or unusual coloring
14. listida-like
15. compact type

DIVISION C — THICK-STEMMED

Bare Leaved:

16. large leaved (generally over 6" at maturity)
17. medium leaved (generally 4" to 6" at maturity)
18. small leaved (generally under 4" at maturity)

Hairy Leaved:

19. large leaved (generally over 6" at maturity)

20. medium leaved (generally 4" to 6" at maturity)

21. small leaved (generally under 4" at maturity)

Trunk-Like, Non-Ramified:

22. species
23. hybrids

Thick Set:

24. thick set

DIVISION D — SEMPERFLORENS

Species:

25. semperflorens type
26. schmidtiana type

Hybrids:

27. single flowered w/green foliage
28. single flowered w/bronze foliage
29. semidouble/double flowered with green foliage
30. semidouble/double flowered with bronzed foliage
31. variegated foliage

DIVISION E — RHIZOMATOUS

Small Leaved (generally under 3" at maturity):

32. entire-subentire
33. lobed
34. cleft
35. parted
36. compound leaved
37. crested margin
38. spiral leaved.

Medium Leaved (generally 3" to 6" at maturity):

39. entire/subentire
40. lobed
41. cleft
42. parted
43. compound leaved
44. crested margin
45. spiral leaved

Large Leaved (generally 6" to 12" at maturity):

46. entire/subentire

- 47. lobed
- 48. cleft
- 49. parted
- 50. compound leaved
- 51. crested margin
- 52. spiral leaved

Giant Leaved (generally over 12" at maturity):

- 53. entire/subentire
- 54. lobed
- 55. cleft
- 56. parted
- 57. compound leaved
- 58. crested leaved
- 59. spiral leaved

Rhizome with Erect Stem:

- 60. entire/subentire
- 61. lobed
- 62. cleft
- 63. parted
- 64. compound leaved
- 65. crested margin
- 66. spiral leaved

Rhizome Jointed at or Below the Soil with Erect Stem:

- 67. rhizome jointed at or below the soil with erect stem.

Distinctive Foliage:

- 68. pustular type (*imperialis* type)
- 69. unusual surface and/or unusual coloring, small leaved (under 3")*
- 70. unusual surface and/or unusual coloring, medium leaved (3" to 6")*
- 71. unusual surface and/or unusual coloring, large leaved (over 6")*
- 72. unusual shape and/or unusual habit of growth

*These are general leaf sizes at maturity

DIVISION F — REX CULTORUM

Small Leaved (generally under 3" at maturity):

- 73. spiral
- 74. non-spiral

Medium Leaved (generally 3" to 6" at maturity):

- 75. spiral
- 76. non-spiral

Large Leaved (generally over 6" at maturity):

- 77. spiral
- 78. non-spiral

Upright Stemmed:

- 79. spiral
- 80. non-spiral

DIVISION G — TUBEROUS

Semi-Tuberous:

- 81. semi-tuberous

Tuberous:

- 82. species and first generation hybrids, low growing
- 83. species and first generation hybrids, tall growing

Tuberhybrida:

- 84. tuberhybrida

Hiemalis:

- 85. elatior types
- 86. all others

Cheimantha:

- 87. cheimantha

Bulbous:

- 88. bulbous

DIVISION H — TRAILING SCANDENT

- 89. species
- 90. hybrids

DIVISION I — CONTAINED ATMOSPHERE WITH SINGLE VARIETY OF BEGONIA (to be judged horticulturally)

Rhizomatous:

- 91. small leaved
- 92. medium leaved and large leaved

Distinctive Foliage:

- 93. rhizomatous, pustular types
- 94. rhizomatous, unusual surface and/or unusual coloring
- 95. rhizomatous, unusual shape and/or habit of growth
- 96. shrub-like

Rex

- 97. small leaved
- 98. medium leaved and large leaved

Shrub-Like and Cane-Like:

- 99. all types except those with distinctive foliage

Tuberous:

- 100. semi-tuberous and tuberous

DIVISION J — HANGING CONTAINERS AND/OR WALL POCKETS

- 101. any cane-like
- 102. any shrub-like

- 103. any thick stemmed
- 104. any semperflorens
- 105. any rhizomatous
- 106. any rex
- 107. any tuberous or semituberous
- 108. any trailing-scandent (wall pockets only)

DIVISION K — SEEDLINGS

- 109. under 6 months
- 110. 6 months to 9 months
- 111. 9 months to 1 year old

DIVISION L — SPECIES (judged horticulturally)

- 112. any cane-like
- 113. any shrub-like
- 114. any thick stemmed
- 115. any semperflorens type
- 116. any rhizomatous
- 117. any rex type
- 118. any tuberous or semi-tuberous
- 119. any trailing - scandent

DIVISION M — NEW BEGONIA INTRODUCTIONS (by Amateurs)

- 120. hybrid introductions
- 121. species
- 122. mutations

DIVISION N — NEW BEGONIA INTRODUCTIONS (by Professional and /or Commercial Growers)

- 123. hybrids
- 124. species
- 125. mutations

DIVISION O — PROFESSIONAL and/or COMMERCIAL GROWERS

- 126. any cane-like
- 127. any shrub-like
- 128. any thick stemmed
- 129. any semperflorens
- 130. any rhizomatous
- 131. any rex cultorum
- 132. any tuberous
- 133. any variety in a hanging basket
- 134. any variety in a contained atmosphere

DIVISION P — EXPERIENCED AMATEUR GROWERS

- 135. any cane-like
- 136. any shrub-like
- 137. any thick stemmed

- 138. any semperflorens
- 139. any rhizomatous
- 140. any rex cultorum
- 141. any tuberous
- 142. any variety in hanging basket
- 143. any variety in contained atmosphere

DIVISION Q — NOVICE GROWERS

- 144. any cane-like
- 145. any shrub-like
- 146. any thick stemmed
- 147. any semperflorens
- 148. any rhizomatous
- 149. any rex cultorum
- 150. any tuberous
- 151. any variety in hanging basket
- 152. any variety in contained atmosphere

DIVISION R — CONTAINED ATMOSPHERE WITH MORE THAN ONE VARIETY (judged artistically and horticulturally)

All Begonia Planting:

- 153. bubbles and bowls
- 154. terrariums (square or oblong)
- 155. bottles

Mixed Planting with Begonia Predominating:

- 156. bubbles and bowls
- 157. terrariums (square or oblong)
- 158. bottles

DIVISION S — ARTISTIC ARRANGEMENTS OF BEGONIA ROOTED AND GROWING (no artificial plant material)

- 159. dish or tray gardens (Begonia predominating)
- 160. centerpieces — holiday or season (Begonia predominating and accessories permitted to complete theme)

DIVISION T — NOVEL METHODS OF GROWING

- 161. bonsai
- 162. driftwood plantings
- 163. rock plantings
- 164. standards
- 165. totem poles
- 166. trellises

DIVISION U — JUNIOR DIVISION Open to all 16-year-olds and under

- 167. cane-like
- 168. shrub-like

- 169. thick-stemmed
- 170. semperflorens
- 171. rhizomatous
- 172. rex
- 173. tuberous
- 174. terrariums
- 175. dish gardens
- 176. novel methods

DIVISION V — EDUCATIONAL BEGONIA DISPLAYS

- 177. branch displays
- 178. professional and/or commercial grower display

DIVISION W — ARTS AND CRAFTS

- 179. needlework
- 180. painting — water color
- 181. painting — oil
- 182. painting — black & white
- 183. painting — china
- 184. ceramics

*DIVISION X — PHOTOGRAPHY

- 185. print — black & white
- 186. print — color
- 187. slide — color
- 188. print of flower or flower cluster
- 189. slide of flower or flower cluster

*(judged for photographic value)

Photographs should be sent to show chairman by April 1, 1978.

SHOW RULES

1. Competition is open to all begonia growers.
Definition of exhibitors:
 - a) Professional and/or Commercial Grower — one who grows or sells plants as his principal source of income.
 - b) Experienced Amateur Grower — an amateur who has won over 35 blue ribbons in specialized begonia shows and/or two sweepstakes.
 - c) Amateur Grower — one who does not sell or grow plants as his principal source of income.
 - d) Novice Grower — an amateur who has not yet won a ribbon at any specialized begonia show.

Only A.B.S. members are eligible to

compete for Perpetual and A.B.S. Cultural Awards.

2. Professional and/or Commercial Growers — eligible to enter Divisions K, L, N, and O; and R through W.
3. Experienced Amateur Growers — eligible to enter Divisions J through M; P; and R through W.
4. Amateur Growers — eligible to enter all divisions except N through Q.
5. Novice Growers — may enter Division Q instead of Divisions A through I. They are eligible to enter Divisions R through W.
6. There will be no required registration fees.
7. All entries must be made Thursday, April 13, 1978 from 6:00 P.M. to 10:00 P.M. Late entries accepted Friday, April 14, 1978 from 8:00 a.m. to 9:00 a.m.
8. All entries must be classified by the Classifications Chairman. The Classifications Chairman will make all decisions according to the "Classifications for Show Purposes Section" of the *Thompson Begonia Guide*, Vol. II which is primarily based on America Begonia Society's booklet, *A Suggested Guide to the Classification of Begonias for Show Purposes*.
9. Each entry will have an entry tag properly filled out as assisted by the Classifications Committee. This tag will show the exhibitor's name, entry number, name of variety, the division and class. All husband and wife entries must be entered as one entry and not separately.
10. An exhibitor may enter more than one plant in any class, provided each plant is a different variety. However, each entry may compete in only one class.
11. All entries in competitive classes must have been grown by the exhibitor and been in his possession for three months. Division R and S are excepted.
12. All plants must be clearly labeled. Errors will not disqualify but the judges will recognize correctness in

- close competition. Synonymous names are acceptable.
13. Diagrams must accompany all entries in Divisions R and S. These should show the placement and correct names of the plant material.
 14. No artificial plant materials may be used.
 15. The Photography Division will be open to all. If you are unable to enter this division on April 13th personally, you may mail your entries to the Classifications Chairman. Entries that are mailed must be received by April 5th, 1978. Black and white and color prints may be any size no larger than 8" x 10", and must be mounted with a suitable mat. Prints and slides of leaves or portions of plants will be accepted.
 16. Plants must be entered in clay pots, plastic pots, moss-lined containers or wood containers except in Divisions R through T.
 17. Containers and plants must be clean and neat. The Show Chairman has the right to exclude any diseased or infected plants.
 18. All plants shall be placed by the Placement Committee. No one will be permitted in the show area during the placement of plants or judging except personnel authorized by the Show Chairman.
 19. The judges will use the American Begonia Society's booklet, *The Point Scoring System for Judging Begonias*.

20. The judges shall make awards according to merit only. If the entry is without merit, the judges shall make no award regardless of the number of entries in the class.
21. The decisions of the judges are final.
22. The Miami Branch will safeguard the exhibits as much as possible, but cannot assume responsibility for injury or loss.
23. Exhibits must be removed on Sunday, April 16th between 8:00 A.M. and 11:00 A.M.
24. For any questions concerning entries or classifications, please contact the following:

Show Chairman

Mrs. Helene Jaros
2621 N. W. 25 Ct.
Miami, Florida 33142
Tel. 305-635-7806

Co-Chairmen

Mrs. Alma L. Crawford
14250 Madison Street
Miami, Florida 33176
Tel. 305-235-3017
Mr. Charles J. Jaros
2621 N. W. 25 Ct.
Miami, Florida 33142
Tel. 305-635-7806

Classification Chairman

Mr. Gene Moglia
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Miami, Florida, 33144
Telephone: 1-(305)-264-0990

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BRANCH DIRECTORY

VISITORS ARE ALWAYS WELCOME AT THESE MEETINGS

BUXTON BRANCH

3rd Saturday, Homes of Members
Anthony P. Croce, Pres.
24 Saxon Terrace, Newton, MA 02161

CENTRAL SAN JOAQUIN BRANCH

Dr. William Ireton, Pres.
1702 Camino Primo Vera, Bakersfield, CA 93306

DENTON BRANCH

Sharon Nied, Pres.
1418 Dodwod Trail, Lewisville, TX 75067

DESERT BEGONIA BRANCH

Barbara Rogers, Pres.
8508 Shasta Dr., Tucson, AZ 85730

EAST BAY BRANCH

3rd Thursday, 7:45 p.m.
Northbra Community Church, Berkeley, Ca.
Lloyd Olson, Pres.
1244 Mountain Blvd., Oakland, CA 94611

EASTERN NEW YORK BRANCH

Betty Pullar, Pres.
411 New Karner Rd., Albany, NY 11205

EASTSIDE BEGONIA BRANCH

4th Wednesday, 7:30 p.m.
590 116th Avenue N.E., Bellevue, Washington
Dale Greer, Pres.
1704 212th Ave. S.E., Issaquah, WN 98027

EDNA STEWART PITTSBURGH BRANCH

3rd Wednesday, 8:00 p.m.
Phipps Conservatory
Frank A. Kerin, Pres.
922 Savannah Ave., Pittsburgh, PA 15221

ELSA FORT BRANCH

1st Saturday, 1:00 p.m.
Marion Buck, Pres.
420 Park Blvd., Moorestown, NJ 08057

GARDEN GROVE BRANCH

3rd Thursday, 7:30 p.m.
New Community Meeting Center
11300 Stanford, Garden Grove, CA 92643
Celia McClish, Pres.

GERALDINE DALY BEGONIA BRANCH

1st Saturday, Homes of Members
Mrs. Arline G. Peck, Secy.
Eagle Peak Road, Pascoag, R.I. 02859

GLENDALE BRANCH

2nd Tuesday, 8:00 p.m.
Glendale Federal Savings, 401 N. Brand
Dolores Fernandez, Pres.
4369 Tujunga Ave., North Hollywood, CA 91604

GORDON LEPISTO BRANCH

Quentin Johnson, Pres.
3509 Ivy Pl., Wayzata, MN 55391

GREATER CHICAGO AREA BRANCH

3rd Sunday each mo. except July, Aug., Dec., 2 p.m.
Oak Park Conservatory
561 Garfield, Oak Park, IL.
Howard G. Berg, Pres.
17 Oak Ridge Lane, Barrington, IL 60010

GREATER CINCINNATI BRANCH

Erich Steinger, Pres.
208 Beechpoint Dr., Oxford, OH 45056

GREATER ROCHESTER BRANCH

Third Sunday, Members' homes
Betty Fennell, Pres.
1054 Shoemaker Rd., Webster, NY 14580

HAMPTON BRANCH

2nd Monday, 7:45 p.m.
Parrish Memorial Hall, Southampton, NY
Audrey Hanzman, Pres.
18 Knoll Road, Southampton, NY 11968

HOUSTON TEXAS BRANCH

4th Monday, 1:00 p.m., Garden Center
1500 Herman Dr., Houston, Texas
Hinds Poth, Pres.
45 Carolane Trail, Houston, TX 77024

JACKSONVILLE BRANCH

2nd Saturday, 1:00 p.m.
Members' homes
Ann M. Helton, Pres.
334 Brunswick Rd., Jacksonville, FL 32216

KNICKERBOCKER BRANCH

2nd Tuesday, 7:30 p.m.
Horticultural Society of New York
128 West 58th St., New York
Marjorie L. Mack, Pres.
75 Henry St., Brooklyn, NY 11201

LONG BEACH PARENT BRANCH

2nd Sunday, 1:30 p.m., Community Room
Great Western S & L
6300 E. Spring St., Long Beach
Maughan Atkin, Pres.
6247 Mt. Ripley Dr., Cypress, CA 90630

LONG ISLAND BRANCH

2nd Wednesday, 8:00 p.m.
Planting Fields Arboretum
Oyster Bay, Long Island, N.Y.
Mildred Thompson, Pres.
P.O. Drawer PP, Southampton, NY 11968

MESQUITE BRANCH

1st Tuesday, 10:30 a.m., Members homes
Dorothy Taylor, Pres.
2518 Spring Hill, Dallas, TX 75228

MIAMI BRANCH

4th Tuesday, 8:00 p.m.
Simpson Memorial Garden Center
55 South West 17th Road, Miami Florida
Alma Crawford, Pres.
14250 Madison St., Miami, FL 33158

MONTEREY BAY AREA BRANCH

4th Wednesday, 8:00 p.m.
Lighthouse and Dickman Sts., New Monterey, Calif.
Frederick Bell, Pres.
P.O. Box 527, Pebble Beach, CA 93953

NORTH LONG BEACH BRANCH

2nd Tuesday, 7:30 p.m.
Mercury Savings and Loan Assn.
4140 Long Beach Blvd., Long Beach
D. T. Sullinger, Pres.
7238 Irvinggrove Dr., Downey, CA 90241

ORANGE COUNTY BRANCH

2nd Thursday, 7:30 p.m.
First Christian Church,
1130 E. Walnut Street, Orange, Calif.
Walter Jungkeit, Pres.
822 N. Lenz Dr., Anaheim, CA 92805

PALMETTO BRANCH

John McWhorter, Pres.
Rt. 2, Box 408, Duncan, SC 29360

PALOMAR BRANCH

2nd Thursday, 7:30 p.m.
Vista Recreation Center
Eleanor Calkins, Pres.
910 Fern St., Escondido, CA 92027

PORTLAND BRANCH

Alma Kintrea, Pres.
3728 S. E. 76th Ave., Portland, OR 97206

POTOMAC BRANCH

4th Sunday, 2:00 p.m., Falls Church
Recreation Cntr., Great Falls & Little Falls Sts.
Falls Church, VA
Maxine Zinman, Pres.
Rte 1, Box 73, Boyce, VA 22620

REDONDO AREA BRANCH

4th Friday, 7:30 p.m.
R. H. Dana School Cafetorium
135th St. and Aviation Blvd., Hawthorne, Calif.
Diane Fries, Pres.
3531 Cricklewood, Torrance, CA 90505

ROBINSON, ALFRED D. BRANCH

2nd Tuesday, 10:30 A.M. Homes of Members
Betty Cooper, Pres.
4444 Arista Dr., San Diego, CA 92103

RUBIDOUX BRANCH

4th Thursday, 7:30 p.m., West Riverside Mem. Hall
4393 Riverview Dr., Rubidoux, CA
Glenda Elin, Pres.
5390 Camino Real, Riverside, CA 92509

SACRAMENTO BRANCH

3rd Tuesday, 8:00 p.m., Garden Center
3300 McKinley Blvd., Sacramento, Calif.
Marvin Vipond, Pres.
1719 Markham Way, Sacramento, CA 95818

SALINE COUNTY BRANCH OF KANSAS

4th Monday 1:30 p.m., Homes of Members
Mrs. Sam Gilmore, Pres.
536 Crestwood Rd., Salina, KS 67401

SAN FRANCISCO BRANCH

1st Wednesday, 8:00 p.m., Garden Center
Golden Gate Park, 9th Avenue and Lincoln Way
Dr. Ernest M. Weitz, Pres.
38 Chalda Ct., San Raphael, CA 94903

SAN GABRIEL VALLEY BRANCH

2nd Tuesday, 7:30 P.M.
Los Angeles State and County Arboretum
501 N. Baldwin Ave., Arcadia, Calif.
Elizabeth Stuart, Pres.
169 Mauna Loa, Monrovia, CA 91016

SAN MIGUEL BRANCH

1st Wednesday, 7:30 p.m.
Casa del Prado (Rm. 104), Balboa Park, San Diego
Dennis Torzeski, Pres.
1147 Tucson Ct., El Cajon, CA 92021

SANTA BARBARA BRANCH

4th Saturday, 7:30 p.m.
Louise Lowry Davis Recreation Center
1232 De la Vina St.
Leo Price, Pres.
2030 Anacapa St., Santa Barbara, CA 93105

SANTA CLARA VALLEY BRANCH

3rd Thursday, 8:00 p.m.
Security S & L Bldg.
Fremont and Mary Aves., Sunnyvale, CA
Joe McMahon, Pres.
55 Pepper Ave., Los Altos, CA 94022

SEATTLE BRANCH

3rd Tuesday, 7:30 p.m.
Bethany Lutheran Church, 7400 Woodlawn Ave., N.E.
Barbara Crick, Pres.
2845-140th NE, Bellevue, WA 98005

SOUTH SEATTLE BRANCH

4th Tuesday, 7:30 p.m., Wm. Moshier Field House
430 South 156th Burien
Louis A. Pompeo, Pres.
423 S. W. 175th Pl., Seattle, WA 98166

TAMPA BAY AREA BRANCH

3rd Saturday, 1:00 p.m.
University of So. Florida, Student Chapel Bldg.
Dora Lee Dorsey, Pres.
8110 N. Edison Ave., Tampa, FL 33604

TARRANT COUNTY BRANCH

2nd Monday, 10:00 a.m., Bank of Fort Worth
Mrs. Richard Ellis, Secy.
2117 Hillcrest, Ft. Worth, Texas 76107

THEODOSIA BURR SHEPHERD BRANCH

1st Tuesday 7:30 p.m.
Senior Citizens Bldg., 420 Santa Clara St.
Ventura, CA
Velma Montgomery, Pres.
5203 Aurora Dr., Ventura, CA 93003

WESTCHESTER BRANCH

2nd Thursday, 7:30 p.m., Citizens S&L Assoc.
5347 Sepulveda Blvd., Culver City, Ca.
Katherine Belz, Pres.
1500 East Oak Ave., El Segundo, CA 90245

WESTERN PENNSYLVANIA BRANCH

2nd Wednesday 11:00 a.m. every month
Northway Mall Community Room
North Hills, Pittsburgh, Pa.
Eleanor Slee, Pres.
211 Arlington Ave., Butler, PA 16001

WHITTIER BRANCH

1st Thursday 7:30 p.m.
Palm Park Community Center
5703 South Palm Avenue, Whittier
Gertrude Blackstock, Secy.
15311 Elmbrook Drive, La Mirada, CA 90638

WILLIAM PENN BRANCH

4th Tuesday, Noon Homes of Members
Mrs. Murdoch Davis, Sec'y.
256 Broughton Ln., Villanova, PA 19085

PLEASE CHECK YOUR BRANCH LISTING

The Branch Directory has been revised to include the latest information that has been received from the branches. In most cases, the name and address of the president is given. Any changes in the listing should be reported to the ABS secretary immediately. The Branch Directory will appear in April. Deadline is February 28.

The Board of Directors will meet January 23 at South Gate Auditorium.

THANK YOU

I appreciate receiving all the notices giving names and addresses of new branch officers. Many branches do elect officers who start their duties with the New Year. Often in the holiday rush, the notice to change the listing is forgotten, but this time many branches complied. This makes the sending of ABS correspondence much easier. I thank you for your help.

Virginia Barnett, Secretary

JUDGING NOTES

(Continued from page 20)

The price of the judging course is \$8.00; the "Classification" booklet is \$1.50; the "Point Scoring" is \$1.25; the fern sheets are \$1.00; the fuchsia sheets are \$1.00; and the gesneriads and african violets sheets are \$1.00.

As is usual, there is a fee for postage and handling. Fee for the entire package is 75¢ when ordered at one time or for the judging course, alone. Fee for the booklets, ordered singly or together, is 35¢, as are the fern, fuchsia, and gesneriads and african violet sheets. California residents must add 6% sales tax.

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