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VOL. XVII

No. 7



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The next Board meeting of the American Begonia Society will be held in the Los Angeles City Hall, Room 1305, 7:30 p. m., July 24, 1950. Use Main St. elevator. Park lower garage, south entrance on Main Street.

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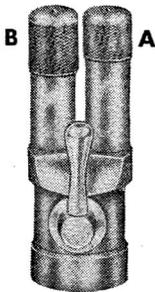
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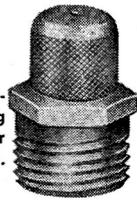


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Adventures In Hybridizing

By Mary B. Choate, Hybridizing Chairman

Photography by Garrison Clarke

It has been some time since I have made a report on this branch of the research department, and I am sure that I have several items that will be of interest to our readers.

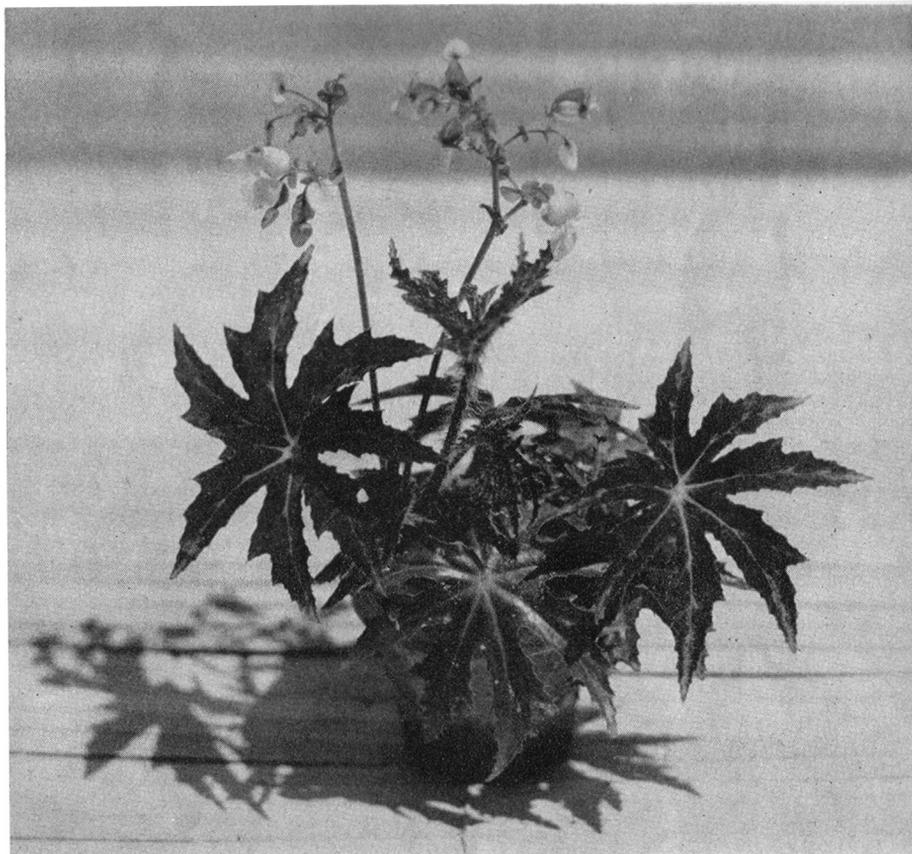
Not long ago I was quite pleased to receive a letter from Mr. R. Honeybounne, 9 Glebeside Avenue, W. Worthing, Sussex, England. He informed me that we may procure from him choice Begonia seed in a wide range of colors in both new and old varieties, and at the very low price of twenty-five cents or four packages for one dollar. You may contact him at the above address. This seems to be a wonderful opportunity to obtain some new and different Begonias.

Mrs. W. J. Lynch of Long Beach, California, who has been hybridizing Begonias for quite a while, has notified this department of a cross which she made using *B. Viaude* and *B.*

Druryii as parent plants. The most outstanding seedling from this cross she gave to Mrs. Gobin of Paradise, California. Both ladies have written that this seedling promises to be an exceptionally fine plant. This seedling is as yet unnamed, but we hope to have more news of it later.

Mrs. Helen Patten, of Manhattan, Kansas, who has also made a hobby of hybridizing Begonias, sent me four cuttings of seedling Begonias. One of these I especially liked was the result of a cross with *B. Manda's woolly bear* and a very fine *semperflorens* seedling. This particular cutting, when received, was in full flower. It had a very beautiful cluster of waxy white blossoms faintly edged with pink. The cluster was comprised of exceptionally large female blooms. The

Turn to next page



Begonia nigricans x *B. r. c. autumn*

cuttings were received late in the fall and did not root, but she is sending more to me soon, and I shall keep you posted of the development of these plants.

I wish to heartily congratulate this fellow member on her success in growing Begonias and her persistence in hybridizing. Unless one has lived in a cooler climate where the growing conditions are so vastly different and the season so short, it is difficult to fully appreciate the effort it requires to successfully grow Begonias. It was years ago, in the Ozark mountains, that I saw my first Begonias. I thought that there were only three kinds in the world, Wax Begonias, which were really *semperflorens* type, The Angel Wing, which were *rubra* cane type, and the *rex* Begonia, which embraced all other kinds. They were the property of a neighbor, her pride and joy, and every other lady in the community was very careful not to offend her, lest she lose her chance of obtaining a "slip". I must admit that, in final payment for countless favors and errands, I was one of the first to receive cuttings. Now came the trouble. The plants were carefully nursed in water until they were rooted, and then tenderly transferred to a painted tin can filled with Mother's best garden soil. Each new leaf was counted and the day that the plant finally bloomed all the neighbors were notified so that they might see it also. The Begonia Bug had found a home. For many years following this I tried to grow these marvelous plants, and I encountered many difficulties. With these in mind, I sincerely thank Mrs. Patten for her contribution to our hobby.

I believe that it is the fond dream of every Begonia grower to obtain some new plant that we can brag about and show to our friends. We have various ways of going about this. After I had almost exhausted the supply of available cash by purchasing every Begonia I encountered, I decided that, if others could grow new varieties, so could I. The first cross that I made was on our lovely *Begonia nigricans*. I crossed this plant with *B. r. c. autumn*, hoping for almost anything. The result is, I believe, that I have the most unusual collection of that type I have seen. Among these seedlings was one mutant, an albino which we watched very closely, but lost through too much care. A few plants are close reproductions of the parent *B. nigricans*, and a few have the *nigricans* form but more colorful leaves. There are four or five that are very low-growing with solid green leaves that are almost star-shaped, and one that was completely different from any of the others, having an upright stem and a dark olive-green leaf only slightly pointed. Most of these seedlings bloomed for the first time this year, and bloomed very heavily. All

were pink except one which was white. One of most unusual of these seedlings is pictured with this article. My favorite was the albino, which, of course, I lost.

Last year I reported making a cross using a male bloom from *B. rex-cultorum Gladys A.*, and *rosea weltoniensis* as the mother plant, hoping to obtain some miniatures. The seedlings from this cross were all semi-tuberous types and almost all of them were different.



B. r. c. Gladys A. x B. weltoniensis rosea

The one which I have selected to cross back on is pictured above. It has very spotted leaves, with less serrations than the others, and showing more compactness of growth.

We also grew, last year, a number of very nice hybrid *rex* seedlings that are showing good color and great promise, as well as some very lovely tuberous plants from our own crosses. One of our nicest plants was a chance seedling that grew in a pot of soil under one of the benches. It is a fibrous type and seems to be related to *B. Tuffy*. It is a very bushy little plant, a good bloomer, with dark green leaves and sporting a red underside. The leaves are pointed and quite hairy, and the blooms are exceptional as the female blossoms have five petals.

This is one of the particular thrills in a lath house—these little seedlings that sprout up and we never know quite where they came from or what their parentage might be. As a rule they are sturdy and strong, having overcome all obstacles, and it is always a pleasant surprise to me to find one of these for my collection.

It is best to pot up and prepare your house plants, long before frost, for their sojourn in their winter quarters.

Library Notes

It has long been the wish of your librarian that some of the fine courtesy exchange publications received by the Society might be properly collated and bound for circulation to the membership. I am happy to report this month that this will soon be possible and the *CACTUS DIGEST*, publication of the Henry Shaw Cactus Society, 1949 edition, is now bound and ready for use of the members. This was reviewed by the former editor in the March *Begonian* and since many Begonia collectors have succulents and cacti in their window gardens, lath or glass houses, or out of doors, this book will be found of value not only as reference material but also as a source of pleasure from a reader's standpoint. Do, by all means, add it to your library list for requests.

The fine pamphlet, *COMPOST AND HOW TO MAKE IT*, the handbook of all Organic gardeners, has been donated to the library by one of our Texas members and may be obtained on loan by those interested.

May I also call your attention to Mr. Bedson's fine review of the *Tuberous Begonia* book by Mr. Langdon, reprinted thru his courtesy and that of the magazine, *GARDENING ILLUSTRATED*, which you will find elsewhere in this issue. Remember, this may be purchased at any time thru the library of the A.B.S. for \$2.00 a copy.

The Achimenes reprints are still available and if you ordered these bulbs thru the seed fund this year you will enjoy reading Mr. Smith's fine descriptions of the various species and the information on proper feeding and care.—Write for your copy at once enclosing a large, self-addressed, stamped envelope—it is yours for the asking.

—Gladys C. Nolan, Librarian.

VIOLET RAYS — — —

By Carolyn K. Rector, San Pedro, Calif.

Violetly speaking, another landmark has been established in the history of Los Angeles. We are referring to the first African Violet Show in the City of the Angels, which was held June 6th at the Community Hall in Exposition Park, under the sponsorship of the Los Angeles Chapter of the African Violet Society of America.

It is estimated that several thousand people crowded through the moderate sized exhibition hall during the four hours after the show was opened—not all women, either. There was a good proportion of men and boys in the eager crowd, and your reporter noted that 99 out of every 100 asked the same question, "Where can I buy it?"

This question was very competently answered by two of the leading growers of Afri-

can Violets, who each had an amazing array of the newest and most beautiful varieties on display, including *Red King*, which is really the best red we have seen so far.

Amateur growers from all over the Southland sent plants from their private collections, making a bewildering array of colors and types, many of which have never before been shown in the west.

Notebooks were scribbled in furiously as the visitors paused in front of the various tables. The educational exhibits, showing the different methods of propagation and culture, were among the most popular. The two new species violets, *Grotei* and *Tongwensis*, shown through the courtesy of Mr. Harvey Cox, of Long Beach, attracted a great deal of attention, as did the new hybrids which he has produced by cross-breeding. Mr. Cox specializes in crosses of the DuPont type, and has grown some very beautiful seedlings, some of which have been named, and many of which are still known only by numbers.



STUDYING THE CHILDREN'S SECTION

Photo by Carolyn Rector

The highlight of the afternoon was the crowning of the Violet Queen, charming and demure little Miss Dorlene Marsh, of San Pedro, who was also an exhibitor in the children's section. The exhibits in this class showed that our junior fanciers are just as violet conscious as the seniors. A special Prize in this division was awarded by the Saintpaulia Society of Long Beach.

All the branches of the Society in California cooperated in putting on this show, which all concerned feel was very successful.

The firms which advertise in *The Begonian* are anxious to serve your needs and please you by offering you quality wares. Remember them.

BEGONIA SEMPERFLORENS - CULT. — PIED PIPER

By Ernest Kimball Logee, Danielson, Conn.

This is the story of *Pied Piper*, one of the forerunners of our new *Thimble* and *Double Red Leaved* hybrids. This plant was a stray seedling of Professor W. D. Holley's original working of crossing *Indian Maid* on his *Double New Hampshire Hybrids*, the first having dark leaves and the latter green foliage.

In a flat of seedlings of many green leaved doubles and semi-doubles, were found a number of red leaved single and semi-doubles. In transplanting these interesting seedlings to the field, a very small, spindly plant with a bud promising to be a red double was salvaged and potted into a 2½ inch pot. As the plant developed the flower was unique, quite unlike any other begonia we had ever seen, having little pink quills or crested imperfect petals of very good form, very deep pink in winter, paling to almost white in summer. It is dwarf, almost a miniature, compact and of good form, flowering persistently and continually. Visitors, spotting the little prize, wanted to take it with them to add to their collections. As it was the only one promised cuttings when sufficient stock could of its kind, all requests were refused, but we be produced and when it was named.

The little plant has so many fond admirers and such a following that it made me think of the *Pied Piper* of Hammelin, which is the reason for its name.

There is no begonia quite like it in flower formation. The habit of growth is erratic, as some plants tend to spread out, covering the pot with graceful hanging branches. The flower clusters are on very short stems, tucked in among the leaves, giving the effect of being upright and sturdy.

For bedding it has quite an appeal, doing well in full sun or partial shade. Culture is the same as for any of the *semperflorens*—a loose friable soil, water well, allowing to become a little dry before applying the next watering. This produces more flowers and stocky growth.

Sheltered Garden Book Reviews . . .

"GARDEN IN YOUR WINDOW" by Jean Hersey. (1949) Third Printing. Illus. Prentice-Hall, Inc., N. Y., Publishers. \$3.00.

If the thought of winter brings nostalgia, memories of scent and beauty of your summer garden, perk up, for here-in lies enchantment. The author, with charm and humor, brings summer into your heart and windows with fact, fancy, lore, and legend. There are a 'baker's dozen' of recipes for delectable win-

dow gardens. You will thrill with delight as the garden of your choice rewards you with glorious bloom, dispelling winter gloom. Rare exotics, orchids, ferns, bulbs, cacti, or terrariums are fully covered in these chapters from the personal experiences of growing by Mrs. Hersey and her husband. To add interest, there is a chapter on fauna; you do not have to be an entomologist to appreciate these guardians of your treasures, protecting them from insect infestation while sojourning in your window. Complete index and list of sources of plant supply for certain special window garden plants are included.

Reviewed by Dorothy Michaelson

REPRINTED COURTESY OF GARDEN-
ING ILLUSTRATED—January, 1950.

THE TUBEROUS BEGONIA: ITS DEVELOPMENT AND CULTURE, by Allan G. Langdon.

The development of tuberous "doubles" is an outstanding horticultural achievement mainly due to British initiative, and their development since Veitch's made the first basic species crosses has to a great extent evolved from the enterprise of Blackmore and Langdon, of Bath. The author's father, Mr. Charles F. Langdon, may well be acclaimed the father of the modern tuberous begonia, for his interest was maintained from 1885 until he died in 1947, a lifetime devoted to improving these begonias. He was ably backed by his partner, J. B. Blackmore, their sons, and an enthusiastic staff.

This book is well produced, and its 92 pages contain 28 clear and interesting illustrations, some of which show how close to perfection have the latest hybrids been bred. The very complete and well-written chapters on propagation and all points of cultivation should be of great assistance to gardeners, and such other subjects as composts, pests and diseases and exhibiting are covered. The chapter on cultivation include sections on growing in pots or as summer bedding plants, feeding, disbudding, and the ripening and storing of the tubers.

Few flowering plants respond so well to good cultivation as do tuberous begonias and the useful advice given will help keen growers to achieve better results and demonstrate to them the advantages of starting with a good strain.

This book will be welcome to all interested in this subject, for there is but little modern British literature on the begonia and coming from such an authoritative source it is likely to be a standard for many years and should encourage increased interest in the growing of the most popular sections of the wide begonia family.—F. J. Bedson.

Glancing Back . . .

On Behalf of Our Newer Members

July 15th to August 15th is Founders' Month for the American Begonia Society, during which time we like to refer to our treasury of personalities who have assisted in the creation of this great, world-wide association of people. Brought together by mutual compelling interest in one of the great divisions of the miraculous plant world—the Begonia Family of plants—the foresight of a few men and the enthusiasm, patient labor, and inquisitive minds of increasing hosts of friends have created an international "family" which grows daily—related, it is true, only by this common hobby or work, but for that very reason related perhaps more truly than many blood relatives can hope to be. Societies like ours were they big enough and numerous enough, could defeat the selfish purposes of warmongers, simply because where there is understanding, there cannot be fear or hate.

In 1932 seven men met with Mr. Herbert P. Dyckman of Long Beach, Calif., to form the organization that shortly became the American Begonia Society. They were C. M. Kelly, deceased; Roy Berry, deceased; Fred Riedman, J. Paul Walker, Carl Fischer, R. S. McGaughery, and L. G. Wylie. In 1933 "Begonia Notes" were mimeographed and sent to the members. 1937 saw the formation of the Society's first branch under the leadership of Mrs. Kathryn Weitz of Ventura; it's name honored one of the earliest of California's commercial flower growers and a fine begonia hybridist, Theodosia Burr Shepherd. In July, 1938, the Monthly Bulletin bloomed in print as "The Begonian" and in the winter of that same year Mrs. Bessie Buxton formed the first Eastern Branch followed closely by the formation of the Inglewood Branch—your hosts for this Golden Convention Year. In the August Convention Number of The Begonian we will print an Honor Roll of the most prominent of our California begonia introducers and hybridists of this past half-century so that their names and work will be familiar to you as we invite you to visit California and attend YOUR 1950 Show and Convention at this Golden Anniversary Year in California's history and the Golden Half-way Point of this Twentieth Century.

IN HONOR OF OUR FOUNDERS for our *Beginner's Corner* this month let us go on glancing back to our mimeographed file of Bulletins for July, 1936, to the work of one of them, J. Paul Walker, who contributed:

"CULTURAL HINTS FOR JULY"

"All types of begonias should be near their best during this month. Care should be taken to protect them from excessive sunshine. If this cannot be done, precaution should be used to keep the roots moist at all times. With the good drainage required by begonias, the soil tends to dry very fast. This can be largely overcome by placing a good mulch on top of the ground. German or Swedish peat form one of the best mulches as either is said to hold ten times its weight in water. Grass clippings work very well. It is stated that dry Bermuda clippings will not germinate; however, the amount of grass that starts from the fresh clippings is so small that the drying process hardly seems necessary.

"Pests are always with us and one must be continually on the lookout for them. Slugs and snails may be killed by placing . . . commercial snail bait . . . or a good home mixture (1 tablespoon Paris Green, 16 heaping tablespoons bran, 4 tablespoons molasses) around the plants. Other chewing insects may be destroyed by dusting with lead arsenate, while most sucking insects may be disposed of by using any good contact spray.

"TUBEROUS—Keep continually moist; be sure the pot is large enough, give as much light as possible, at the same time shielding from direct rays of the sun, and you should have good plants. (Direct sun rays will blight the flowers.) If the plants have been sending out lots of bloom, it will be advisable to fertilize them every two to four weeks. Be sure the soil is moist before feeding. Barnyard manure water or any good commercial fertilizer . . ."

"FIBROUS—Lack of water may ruin a plant in a very few days at this time of year, especially if the plant gets much sunshine. A good mulch can be made by mixing peat and barnyard manure, or peat and commercial fertilizer. By top watering, the food is leached down to the roots and the plants show quick results. Fertilizer sold as "Steer Fertilizer" is especially rich and free from weed seeds, as it is secured from cattle fed on cotton seed meal.

"It may be advisable at this time to prune plants to make them better shaped. Cuttings should start very readily now.

"BEDDING—These may be treated the same as fibrous. Pulling off the seed pods makes better plants. Plants may be divided

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1950 REVISED FLOWER SHOW SCHEDULE

(A. B. S. National Show — Inglewood)

DIVISION A—*B. semperflorens-cultorum*

- Class 1. Bedding begonias, single flowered, such as: *B. s-c. Carmen*, *B. s-c. prima donna*, *B. s-c. apple blossom*, etc.
2. Bedding begonias, double flowered, such as: *B. Gustav Lind*, *B. geneva beauty* (white, rose, scarlet, etc.)
3. Distinctive hybrids and mutants of *B. semperflorens-cultorum* and *B. semperflorens*, such as: *B. rosea-gigantea*, *B. corbeille de feu*, *B. calla lily*, etc.
4. Hanging baskets with specimen plant of Classes 1, 2, or 3.
5. Wall pockets with specimen plant of Classes 1, 2, or 3.

DIVISION B—Cane-stemmed Begonia Group

- Class 6. Tree types, such as: *B. lucerna*, *B. coccinea* and derivatives (pink, orange, etc.), *B. Shasta*, etc.
7. Intermediate types, such as: *B. argentea-guttata*, *P. preussen*, etc.
8. Low-growing types, such as: *B. medora*, *B. Jinnie May*, etc.
9. Hanging baskets with specimen plant of climbing or scandent types, such as: *B. Marjorie Daw*, *B. Limminghei*, *B. scandens*.
10. Wall pockets, climbing or scandent types, specimen plant.

DIVISION C—Miscellaneous Fibrous rooted Begonias

- Class 11. Distinctive, unusual or odd foliage, erect, such as: *B. Mrs. Fred Scripps*, *B. Mme. Lionnet*, *B. venosa*, *B. deliciosa*, etc.
12. Distinctive, unusual or odd foliage, scandent, such as: *B. incisa*.
13. Distinctive, unusual or odd foliage, rhizomatous, such as: *B. acida*, *B. cresta-bruchi*, *B. fuscomaculata*, etc.
14. Other varieties not specified.

DIVISION D—Hairy Begonia Group

- Class 15. Hairy begonias, such as: *B. Scharffi*, *B. Morgana*, *B. Nelly Bly*, etc.
16. Sparsely hairy begonias, such as: *B. braemar*, *B. Dorothy Grant*, etc.
17. Hanging baskets, specimen plant of Classes 15 or 16.
18. Wall pockets, specimen plants of Classes 15 or 16.

DIVISION E—Rhizomatous Begonia Group

- Class 19. Low-growing, small-leaved types, such as: *B. rotundifolia*, *B. Schultziana*, *B. conchaefolia*, etc.
20. "Star" types, such as: *B. ricinifolia*, *B. Sunderbruchi*, *B. nigricans*, *B. silver star*, etc.
21. Spiral and crested types, such as: *B. Bunchi*, *B. erythrophylla helix*, etc.
22. Hybrids, any other variety, such as: *B. erythrophylla*, *B. Freddie*.
23. Other species, such as: *B. Dayi*, *B. Mazae*, etc.
24. Baskets and wall pockets of Classes 19 to 23 incl. Specimen plant.

DIVISION F—*B. rex-cultorum*

- Class 25. Large-leaved types, such as: *B. r-c. Lesoudsii*, *B. r-c. Cardoza gardens*, *B. r-c. emeraude*, etc.
26. Medium-leaved types, such as: *B. r-c. his majesty*, *B. r-c. glory of st. albans*, etc.
27. Small-leaved, such as: *B. r-c. Louise Chretien*, *B. r-c. lapaloma*.
28. Miniature types, distinguished from the small-leaved types by their short, stubby rhizomes and very small, compact growth, such as: *B. r-c. Annie Robinson*, *B. r-c. toy*, *B. r-c. butterfly*, and the Roy Berry unnamed miniature plants.
29. Helix or spiraled types, such as: *B. r-c. Countess Louise Erdody*, *B. r-c. curly Closson*, *B. r-c. bronze king*, etc.
30. Upright and branched types, such as: *B. r-c. van-ex*, *B. r-c. silver sweet*, *B. r-c. Mrs. H. G. Moon*, *B. r-c. black diamond*.
31. Hanging baskets, specimen plant of Classes 25 to 30 incl.
32. Wall pockets, specimen plant of Classes 25 to 30 incl.

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NEW SCHEDULE PRESENTED

By Cal Trowbridge
A.B.S. Flower Show Chairman

I am both proud and happy to present to you members of the American Begonia Society our Revised Flower Show Schedule for 1950. This is the Schedule we hope some day in the not too distant future will be the one used by all Begonia groups wherever Begonia Shows are held. This Schedule represents many, many hours of research—not only by the Flower Show Committee, but by some of the experts as well.

My sincere thanks to Mr. Rudolf Ziesenhenné, Mrs. Marie Minter, Mrs. Helen Krauss, Mrs. Bessie Buxton, Mr. H. M. Butterfield, and many others who gave us suggested changes for the revised schedule. A goodly number of those ideas are incorporated into this Schedule.

One point I should like to make clear at this time. This Schedule is not new; it is a revision of many schedules used in previous years. It represents hard work by past Flower Show Committees. The present committee has made many revisions, however. Therefore I think it fitting that we call it the "Revised Flower Show Schedule."

I have spoken of my committee. I should like to present them to you at this time: Maria

Wilkes, Etta Morant, Edna Korts, Anna Marek, Charlotte Hoak, Gonda Hartwell, and Jessie Gale. My good friend, Mr. Bert Slatter, even sat in on some of the sessions. We met in the various homes of the committee members for our deliberations. I want to sincerely thank every member of my committee for the time spent in putting together the Schedule. I want to specially thank Maria Wilkes and Jessie Gale for all the extra hours they spent.

It is our sincere hope that you who are planning to make entries in the forthcoming Convention Show will study the Schedule carefully and make your entries accordingly. May we suggest that you study the rules. They are for your benefit to help you when show time rolls around.

We wish we could see you all at the Convention, but for our distant members perhaps this effort of ours will be of value in planning your own future shows. Meanwhile, all members who can possibly attend the National Convention at Inglewood: Keep your plants on their toes and bring all the entries you can! Let's make the competition this year something to write home about!

A REMARKABLE PHILODENDRON

By David Barry, Jr., Los Angeles, Calif.

Most philodendrons come from shady moist places in the warm tropics and with few exceptions must be grown indoors or under glass in the United States. These exceptions are a few kinds, such as the near-relative, *Monstera deliciosa*, in Southern California, and a much wider group in south Florida.

There have recently been grown from seed for apparently the first time in the United States a number of plants of a unique species of the large genus *Philodendron*, called *Sello's Philodendron*, or *P. Selloum*.

This plant is hardy, having withstood 22° F. without overhead protection in Pasadena during the cold of January, 1949. This remarkable hardiness for an aroid is explained by the temperate zone origin of the plant in South Brazil. It is unique for a second reason—tolerance to, if not affection for, light. The bold leaves of the plant are radiated, being twice pinnate, to withstand much bright light, and as long as the roots are kept moist it can be successfully grown in full sun along the coastal belt.

In an 8" pot the rapid growth of the species will soon produce a symmetrical plant with a diameter of 4 to 5 feet. It can be

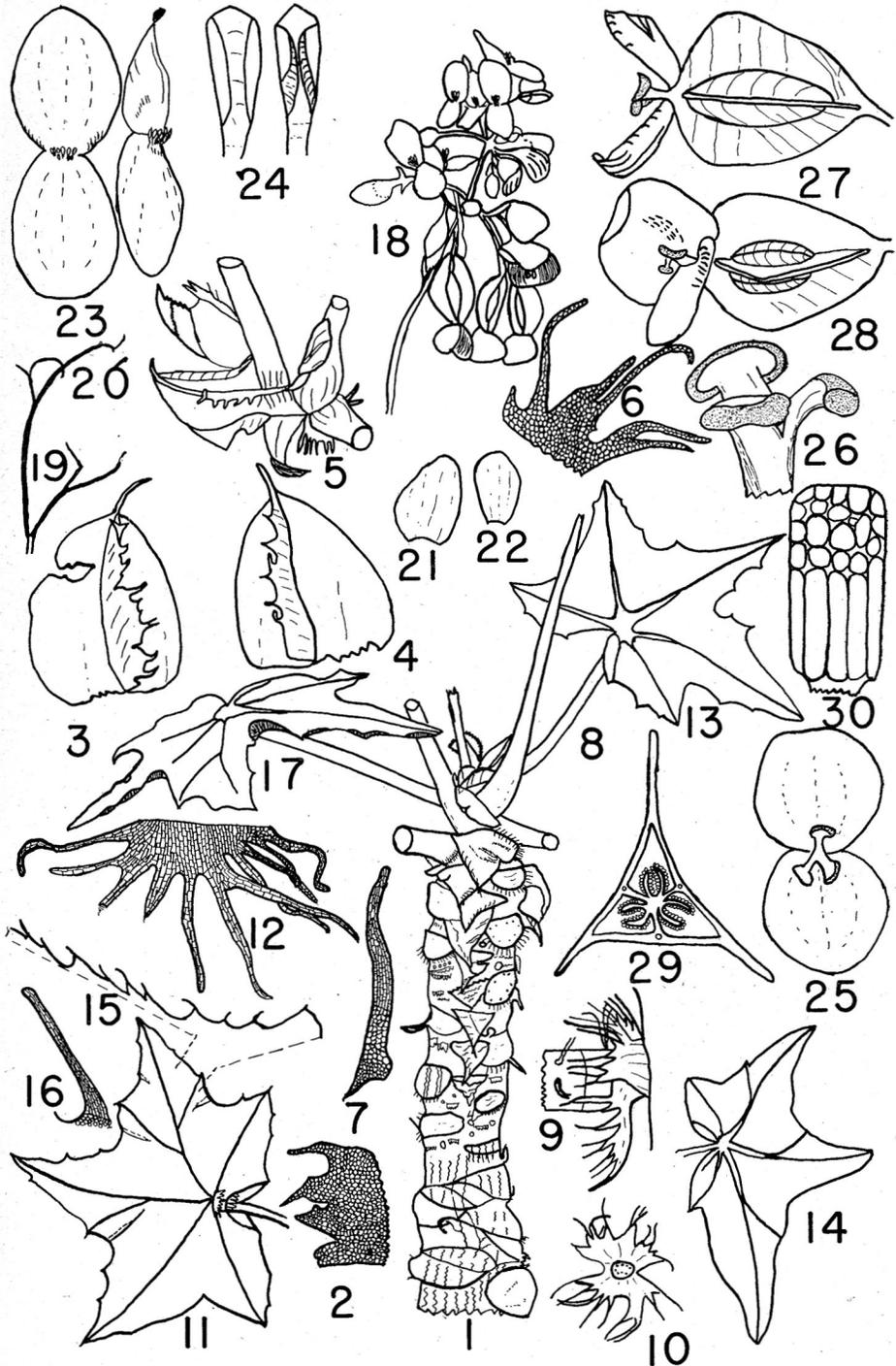
grown as base planting around buildings or walls where it offers an unusually rich tropical effect. Being a gross feeder, responding to all standard fertilizers, organic or inorganic, it can be grown, if desired, to huge proportions in a relatively short time. This means to a diameter of 10 to 12 feet.

At the present time the plant is rare, possibly one specimen in the Hawaiian Islands, scarcely any adult plants in Florida, and a few in Southern California where reproduction has been until recently by detaching occasional offshoots, or by decapitating the terminal growth to force dormant eyes to break from the remaining trunk.

The plant will become an important and admired garden, patio, and lath house ornament in the warmer states.

USE GEORGIA PEAT

... For starting and growing begonias, fuchsias and all house plants. Available at nurseries and seed stores throughout Southern California.



Begonia Kenworthyi Zies.

Begonia Kenworthyi

By Rudolf Ziesenhenné

BEGONIA (section MAGNUSIA (KLOTZSCH) Irmscher, subsection GIREOUDIA (KLOTZSCH) Irmscher) *Kenworthyi* Ziesenhenné, new species, herbaceous perennial: stem erect, thick, fleshy (see figure 1), inverted egg-shaped, $5\frac{1}{2}$ inches long, $\frac{3}{4}$ inch in diameter from side to side, $\frac{7}{8}$ inch from front to back, non-branching, leaves confined to the tip; internodes $\frac{1}{4}$ inch long, $\frac{3}{16}$ inch the shortest, $\frac{5}{16}$ inch the longest; spinach green 0960/2 (Royal Horticultural Society Color Chart), dull; lenticels whitish, more abundant below the leaf scar, $\frac{1}{16}$ inch in diameter; leaf-stem scar tan, becoming furrowed with vertical zigzag fissures, bordered on the lower edge with semi-stiff scale-like hairs with fimbriated ends (figure 2), $\frac{1}{16}$ inch long, $\frac{1}{16}$ inch wide, greenish. Stipules figures 3 & 4), remaining, like paper, uneven triangular; edges rounded, tip rounded, margin even; $\frac{5}{8}$ inch long, $\frac{9}{16}$ inch wide; keeled almost centrally, the keel running down the length of the stipule and encircling the base of the petiole (figure 5), where it is fringed with $\frac{1}{16}$ inch long, whitish hairs (figure 6) which are sometimes lobed at the tip, and then up the opposite stipule; the tip runs out to a hair-like point and extends about $\frac{1}{8}$ inch beyond the tip of the stipule; many semi-stiff hairs (figure 7) about $\frac{1}{16}$ inch fringe the edge of the keel; pod green 061/3, keel oxblood red 00823/3, dull. Leaf stem (figure 8) round $\frac{1}{8}$ inch to $\frac{1}{4}$ inch in diameter at the base, $2\frac{1}{2}$ inches to 7 inches long, pod green 061/3, thinly dotted and striped with currant red 821/1, covered with a fine gray bloom; lenticels long and narrow, greenish; at the leaf blade end and very close to it the stem is encircled by from one to three cuff-like (figures 9, 10, & 11) appendages with the free edge fimbriated (figure 12), $\frac{9}{16}$ inch in diameter, oxblood red 00823/3, dull; in one specimen only one stem has a small rudiment of this cuff. Leaf firm and fleshy (figures 11, 13, & 14), slate grey, veins verdigris 655, covered with a grey bloom, bowed up between the veins, dull; below (figure 11) oxblood red 00823/3, covered with a grey bloom, nerves prominent and whitish, dull, unequal, slanting, running out to a long point (figure 14) heart-shaped at the base, to unequal transverse heartshape (figure 11); unequal five-lobed, tapering gradually to a point and bending downward; margin minutely saw-toothed (figure 15), each tooth tipped by a short ox-blood red hair (figure 16), $\frac{1}{16}$ inch long, vertically wavy (figure 17); leaf

varies from 4 inches long, $2\frac{1}{2}$ inches wide, to 7 inches long, $3\frac{1}{4}$ inches wide (figure 14), 7 inches long, $5\frac{1}{2}$ inches wide, to 12 inches long, 8 inches wide (figure 11); palmately 5-7 nerved (figures 11 & 14), 5 prominent, outside basally 1-2, laterally 2, inside basally 1-2, laterally 1. Inflorescence (figure 18) axillary, many-flowered, equally divided flower-cluster with paired branches of unequal length, flowering December to March; flower stem from the leaf axils, round, $\frac{7}{4}$ to 10 inches long, $\frac{3}{16}$ inch in diameter at the base, pod green 061/3, thinly dotted and striped with currant red 821/1, smooth, dull luster, covered with a fine grey bloom; first internodes (figure 19) $\frac{3}{4}$ inch to $1\frac{3}{4}$ inch on one side, $1\frac{3}{4}$ to $2\frac{1}{2}$ inches on the other side, the second internode (figure 20) $\frac{3}{8}$ inch to $\frac{1}{2}$ inch long on one side; $\frac{7}{8}$ inch to $1\frac{3}{4}$ inches on the other side; largest leaflet on the flower stem (figure 21) falling off quickly, unequal egg-shaped, blunt pointed, $\frac{9}{16}$ inch long, $\frac{3}{8}$ inch wide, papery in texture, margin even, pod green 061/3; secondary ones (figure 22) inverted egg-shaped, $\frac{1}{2}$ inch long, $\frac{5}{16}$ inch wide, dull, bare. Male flowers (figure 23), petals 2, white, oval, tip blunt, margin even, bare, $\frac{7}{16}$ inch long, $\frac{3}{8}$ inch wide; stamens 12-13 (figure 24) filaments of unequal length, $\frac{1}{32}$ inch long, free, anthers arranged like a hand of bananas (figure 23), $\frac{1}{16}$ inch long, oblong, tip blunt, connective produced. Female flowers (figure 25) petals 2, white, circular, tip blunt, $\frac{7}{16}$ inch long and wide, margin even; styles 3 (figure 25 & 26), $\frac{1}{8}$ inch long, united $\frac{1}{2}$ the way from the base; stigma branches not twisted, tip very shortly two-lobed, slightly curved; papillae on the tip and around the edge (figures 25 & 26); capsule (figures 27 & 28) $\frac{3}{8}$ inch long, $\frac{7}{16}$ inch wide, oblong with sharp pointed ends; wings (figures 27, 28 & 29) unequal, larger one $\frac{3}{16}$ inch long, $\frac{3}{4}$ inch wide at the base, triangular, blunt tip, other two $\frac{1}{8}$ inch long, $\frac{3}{4}$ inch wide at the base. Ovary elliptical (figure 29), 3-celled, placenta 2 divided, carrying seed on all sides. Seed (figure 30) oblong, blunt tip, marked like a honeycomb.

The following are Mr. MacDougall's collection notes: "Collected in March, 1948, at 'El Chango' some 24-30 miles south of Ocozacoatlá, Chiapas, Mexico. The Rancher who brought it to me says it grows on cliffs and flowers in December. Moderately dry country." The collection number is C 61. In 1949 it was collected as C 77. "I picked it

Turn to next page

up in Ocozacoautla, Chiapas, Mexico. It is from the dry country to the south."

This plant stands apart from the other members of *MAGNUSIA*. C 61 has the leaves shaped as in figure 14 and this plant lacks the cuffs and of several leaves only one has a wide fimbriated hair. C 77, as represented in figure 11, has the cuffs as illustrated in figures 9 and 10. Aside from these differences the plants are identical.

This beautiful plant is named in honor of Mrs. Eva Kenworthy Grey of San Diego, California. She has stimulated the growing of begonias for a great many years and is best noted for her hybrid begonias referred to as the "*Superba*" group. She is still active in her

hybridizing of begonias in this, her 87th year. In 1931 Mrs. Grey published "the Begonia Book" after she had grown begonias for 15 years. She was prompted to write this book to help others identify their plants, and to give points on Begonia culture.

The Begonia hobbyist will find this plant a welcome prize to his collection. The deeply-lobed red-colored leaves are covered entirely with bloom like that on the plum, giving a bluish gray appearance. It is a slow grower and does not like wet feet. It is best to transplant this begonia only when new leaves emerge after it has flowered and rested.

We are indebted to Mr. MacDougall for this lovely new discovery.

BEGONIA (Section **MAGNUSIA** (KLOTZSCH) Irmscher) *Kenworthyi* Ziesenhenn. spec. nov., herba perennis: caule erecto, crasso, carnoso, obovato, 14 cm. longo, 2 cm. crasso laterali, 2.5 cm. transverso, non-ramoso, foliato apice; internodiis 6 mm. longis, brevibus 5 mm., longioribus 8 mm.; viridis spinaciae 0960/2 (Royal Horticultural Society Color Chart) opacis; lenticellis, albidis, plus subtus cicatricibus, 1.5 mm. diametro; cicatricibus hepaticis, sulcatis enormis, marginibus subtus squamosis, apicis fimbriatis hispido-villosis, 1.5 mm. longis, 1.5 mm. latis, viridulis: stipulis persistibus, papyraceis; inaequalis triangularis, rotundis, apicibus obtusis, marginibus integris; carinatis mediis, carnia decurrere apice in petiolo base as concludere is, ibicarinoso squaroso fimbriata occurrere alter apicis, apicibus acuminatis, piliferis protruderibus 3 mm., marginibus multis hispido-villosis fimbriatis 1.5 mm. longis, sanguineis balbalis 00823/3; viridis valvaralis 061/3, opacis: petiolis tereris 2.5 mm. in 6 mm. diametro, ad basis, 6.5 cm. in 17.8 cm., viridis valvaralis 061/3, ruberis ribis 821/1, vittatis et punctatis, glaucis, glabris; lenticellis longis et angustis, viridis; petiolis superne uni-tri fimbriato-manicatis, 15 mm. diametro, sanguineis babalis 00823/3, opacis: foliis carnosis, schistaceis, nervis aerugeneis 655, glaucis, convexis inter nervis, opacis; subtus sanguineis babalis 00823/3, glaucis, nervis prominens, albidis, opacis; obliquis et asymmetricis, acuminatis, basi cordatis, in asymmetricis transversis cordatis; inaequalis quinque-lobatis, acuminatis, deflexis; marginibus serrulatis apicis setulis 1.5 mm. longis, undatim; 10.15 cm. longis, 6.4 cm. latis in 17.7 cm. longis, 8.2 cm. latis altris

17.7 cm. longis, 13.4 latis in 30.5 cm. longis, 20.3 cm. latis; palmis nervis 5-7 nervigis, extus basilariibus 1-2, lateraliibus 2, intus basilariibus 1, lateraliibus 1: inflorescentis multifloris, dichotomis ramis inaequalis, Decembri-Marii: pedunculis axillaribus, teretis, 18.9 cm. in 25.4 cm. longis, 5 mm. diametro as basis, viridis valvaralis 061/3, ruberis ribis 821/1 punctatis, vittatis, glabris, opacis, glaucis; internodiis primariis 2 cm. in 4.5 cm., oppositis uni 4.5 cm. in 6.3 cm.; internodiis secundariis 1 cm. in 1.3 cm., oppositis 2.2 cm. ad 4.5 cm.; bracteis primariis diducis, inaequalis ovatis, obtusis, 1.4 cm. longis, 1.1 cm. latis, papyraceis, marginibus integris, viridis valvaralis 061/3; secundariis obovatis 1.5 cm. longis, 8 mm. latis, opacis, glabris: tepalis masculinis 2, candidis, ovalis, obtusis, glabris, marginibus integris, 1.1 cm. longis, 1 cm. latis; staminibus 12-13, filamentis inaequalis 1 mm. longis, labris; antheris 2 mm. longis, oblongis, obtusis, connectivo producto: floribus femineis ebracteatis, tepalis femineis 2, candidis, orbicularis, obtusis, 1.1 cm. longis et latis; marginibus integris; srylis 3, 3.5 mm. longis, basis connatis, ramis bioblis brevibus, apice falcatis, stigmatibus papillosis capitatis et marginibus; capsula glabro 1.6 cm. longo, 1.1 cm. lato, ellipsoideo; inaequaliter triangulari, ala maxima triangulari, obtusa, 5 mm. longo, as basi 1.9 cm. lata, tous les autres marginiformibus, obtusis, 3.4 mm. longis, 1.9 cm. latis: ovario ellipsoideo, 3-loculato; placentis bilamellatis, udeoque ovuliferis; semen oblongis, obtusis, superficie adulate, longioris ad basis.

Mexico, Chiapas, Ocozacoautla. On Cliffs. Thomas MacDougall No. C. 61. March 1948. Thomas MacDougall No. C. 77. March 1949.

Cover Picture

BEGONIA PRINCE CHARMING

By Mrs. Mary Choate

This lovely rex hybrid was developed by Mrs. Elsie Frey of Santa Barbara, California, and introduced in 1942 by Mr. Rudolf Ziesenhenn, also of Santa Barbara.

This plant is the result of a cross made on that beautiful but unpredictable *B. cathayana* and *B. r. c. Comtesse Louise Erdody*, which is one of the first spirals recorded. There were many exceptionally fine seedlings in this cross, but the plant *Prince Charming* proved to be the most outstanding and the strongest of them all. The *B. r. c. Bonnie Jean* also came from this cross of *B. cathayana* and *B. r. c. Comtesse Louise Erdody*.

Prince Charming is a very good grower, with leaves that are slightly serrated and pointed,

the colors ranging from dark green center to lighter shades and deepening again at the margin, which has a pink overtone. The leaf is generously stippled with silvery dots that seem to blend together at the center, and covering both sides of leaf and the stem are short red hairs.

Prince Charming is very aptly named and an asset to any collection.

Being a sturdy hybrid, *Prince Charming* takes after its rex parent in the matter of cultural requirements. Light soil, moderate humidity, and the same general treatment given hardier rex hybrids suffices. My plant is thriving beautifully in my airy lath house.

FLOWER SHOW SCHEDULE, cont. from page 146

DIVISION G—Tuberous-Rooted Varieties (Other than Tuberhybrida)

- Class 33. *B. Dregei* and allied varieties, such as: *B. weltoniensis*, *B. D. Macbethi*, etc.
- 34. Species, such as: *B. Sutherlandi*, *B. Martiana*, *B. Davisi*, etc.
- 35. Other hybrids, such as: *B. wild rose*, *B. lulandi*, etc.
- 36. Hanging baskets, specimen plant, Classes 33 to 35, incl.
- 37. Wall pockets, specimen plant, Classes 33 to 35, incl.

DIVISION H—*B. tuberhybrida*

- Class 38. Single forms, flowers suggestive of the wild rose.
- 39. Multiflora and multiflora nana: low, bushy, compact; many-flowered, both single and double.
- 40. Pendula (syn. Lloydi): drooping type suitable for suspended containers; flowers numerous, both large and small.
- 41. Bertini hybrids: flowers fuchsia-like, long and slender; red, pink, etc.
- 42. Camellia forms: flowers camellia-like, both single and double.
- 43. Carnation form (syn. fimbriata plena): large, double, carnation-like flowers.
- 44. Crispa: large, single, petal-margins frilled.
- 45. Cristata: large, single, flowers with crestlike outgrowth on each petal.
- 46. Narcissis forms: large daffodil-like flowers.
- 47. Rosebud: similar to preceding except for the rosebud-like protuberance from the center.

DIVISION I—*B. socotrana* and Derivatives

- Class 48. *B. socotrana*, the only true bulb.
- 49. *B. hiemalis*, such as: *B. b. Lucy Clibran*, *B. b. optimo*, *B. b. kris kringle*, etc.
- 50. *B. Cheimantha*, the "Christmas begonias," such as: *B. c. Lady Mac*, *B. c. melior*, *B. c. Marjory Gibbs*, etc.

DIVISION J—New Begonia Introductions, Hybrids or Crosses

OPEN TO ALL Amateur and Commercial Exhibitors
(Special provision for this Division only.)

- Class 51. Seedlings, up to 1 year old.
- 52. Mature plants, up to 2 years old.
- 53. Mature plants, over 2 years old.

DIVISION K—Seed Fund Begonias

All plants entered must have been grown from seed obtained through the
Research Department's Seed Fund.

- Class 54. Seedlings up to 1 year old.
- 55. Mature plants, over 1 year old.

DIVISION L—Ferns

- Class 56. Adiantum, syn. Maidenhair.
- 57. Any other varieties.
- 58. Hanging baskets.
- 59. Wall pockets.

DIVISION M—Saintpaulias

- Class 60. Single crown.
- 61. Multiple crown.

DIVISION N—Companion Shade Plants

- Class 62. Fuchsias.
- 63. Others not specified.

DIVISION O—Composite Baskets or Other Containers

- Class 64. Basket, wall pocket, or other suitable container with two or more varieties of begonias and/or other related shade plants.

DIVISION P—Flower Arrangements

- Class 65. Begonias predominating, flowers and foliage.
- 66. Tuberhybrida blossoms predominating.
- 67. Corsages, using begonia flowers or foliage.

CAL TROWBRIDGE

Chairman Exhibits and Flower Shows A.B.S.

1950 NATIONAL A.B.S. SHOW RULES AND REGULATIONS

1. Entries in competitive exhibits not made according to schedule will be disqualified.

2. The rules and regulations will be rigidly enforced by the show committee.

3. All entries must be made according to schedule, viz., by "class."

4. All entries must be in the hands of the Flower Show Chairman, Leroy Frost, 1307 West 78th Street, Los Angeles, 37, California, by August 30, 1950. All exhibitors are requested to mail to the Flower Show Chairman advance entry cards for early registration to facilitate handling and placement at show time. All exhibitors will report to the Flower Show Committee headquarters and receive entry cards in sealed envelopes at the time of placing exhibits, allowing same to remain sealed until after judging.

5. The judging will commence at 10:00 A. M., Saturday, September 2, at which time no one but judges and officials will be allowed in the showroom. All entries not in by 9:30 A. M. will be eligible only for non-competitive exhibition.

6. No entry may compete for more than one premium nor may more than one entry be made in any class.

7. All plants and flowers, exhibited in competitive classes, must have been grown by the exhibitor and have been in his or her possession at least three months prior to the show. Note: This rule need not apply to flower arrangements.

8. All plants and flowers must be correctly and clearly named. Errors in naming will not disqualify, but judges will recognize

correctness and clearness of names as telling in favor of an exhibit in close competition.

9. All plants in containers will be judged as to proper size and suitability, especially hanging baskets and wall pockets.

10. If sufficient entries are made of such items as climbing begonias on a trellis, a section will be made to accommodate them.

11. The exhibition committee shall have power to exclude all inferior exhibits or remove any part of any exhibit. No exhibit may be removed by any exhibitor without an official permit from the Exhibition Committee.

12. All exhibits are, from the commencement to the close of the exhibition, in charge of the Show Committee.

13. All exhibits must be staged in conformity with conditions stated in this schedule; any excess or deficiency of count will subject to disqualification.

14. While the committee will exercise due caution and care in safeguarding exhibits, it cannot assume responsibility for injury or loss.

15. Those wishing to attend to their exhibits will please do so in the early forenoon, before ten o'clock.

16. An amateur gardener is one who individually grows, cultivates, or develops his own exhibit and does not grow plants for profit.

17. There is no entry fee for any exhibit.

18. Any person who becomes an exhibitor thereby agrees to conform to such rules and regulations as the Exhibition Committee may make or authorize.

POINT SYSTEM FOR JUDGING BEGONIAS

Fibrous and Rhizomatous Begonia Specimens	
Cultural perfection	50
Foliage	15
Difficulty of cultivation	15
Quantity and quality of flowers ..	15
Correct and suitable labeling	5
	100
Rex Begonia Specimen	
Cultural perfection	50
Form	15
Distinction	15
Size of plant	10
Rarity	10
	100
Tuberous Begonia Specimen Plant	
Number and size of blooms in proportion to size of plant	40
Distinctness and cleanness of color	15
Healthy foliage	15

Erect flowering stem	15
Quality of flower	15
	100
Begonia Corsage	
Fresh, well-chosen, unmarred flower	25
Pleasing association of flower with fern foliage	25
Color harmony and suitability for occasion	25
Suitable ribbon, paler than prevailing color	25
	100
Begonia Flower Arrangements	
Color combination	25
Proportion and balance	25
Distinction and originality	20
Relation to receptacle	10
Condition	10
Suitable combination of material ..	10
	100



Q + A = Success

by Research Dept.

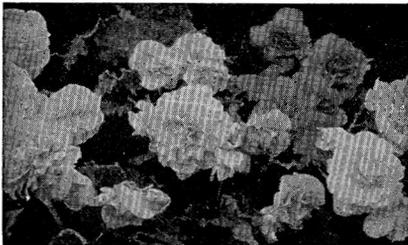
Question: My plant of *phyllomaniaca* never seems to have any plantlets on the leaves. Can you tell me why?

Answer: I seem to have the same trouble as you do and I have tried every method of growing the plants in this group from downright neglect to excellent growing conditions and still my plants refuse to throw any plantlets. If this were just one plant that acted this way, it wouldn't be so bad, but I have tried cuttings from other growers' plants and had the same results. *Pseudophyllomaniaca* will throw plantlets on the stems for me but "Jessie," *Paul Bruant*, and *Templini* have been bare for me. Perhaps some of our readers can tell us both what our troubles are.

Question: I've been struggling for two winters now with one of the plants that I raised from seed from India. The leaves somewhat resemble *B. heracleifolia* in shape but the plant does not seem to have the same type rhizome nor does it seem to be tuberous.

Answer: I rather believe that you have a plant of *B. pedatifida* Levl. It has what is called a tuberous-rhizome. The growing habit greatly resembles that of *B. gigantea* from India. The stem with the leaves and flowers

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THE LARGEST ASSORTMENT
AND FINEST NEW DEVELOPMENTS

of the

PACIFIC STRAIN

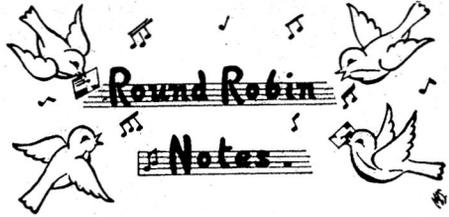
of

TUBEROUS BEGONIAS

Write for Catalog

Vetterle and Reinelt

Capitola, California



Mrs. A. B. Cappe, Kansas City, Mo.—"I start all my slips and small plants by placing a glass over them and have plenty of luck.

Ruth Edwards, Kansas City, Mo.—"After rooting a cutting in water—"Each day I add one teaspoonful of soil until the container is filled and the plant has a good start, then transplant."

Mrs. J. I. Tucker, Corsicana, Texas—"If your *Caladiums* become infested with aphid, "check by a light spraying with free nicotine, towards evening, one ounce to half a gallon of water, spray on with high pressure through a fine nozzle." Soot added to manure water gives richer color to *Caladiums* if used once a week.

New York member—"Cut all my rhizomatous *begonias* almost to the ground in the spring, and propagate from rhizome portions."—"Maculata Aureo grows more gracefully as a basket plant."

D. F. M., New Jersey—"Naphthalene flakes placed under pots and around saucer that plants stands on will discourage slugs"—"I use discarded lamp shade frames, covered with Pliofilm or cellophane for making individual greenhouses for my cuttings or seed pans.

L. P., Michigan—"My secret in growing beautiful *gesnerias* is warmth and lots of plant food."—"Episcias grow better when kept in very subdued light."

E. D., Washington—"I place my plants in the bath tub and use my vacuum sprayer attachment—water for cleansing and insecticides for plant enemies."

ROUND ROBIN NEWS

Dear Members:

The majority of our *Begonia Round Robins* have completed their membership and new groups must be formed. We will need directors for both the Advanced and Elementary *Robins*. Who will volunteer?

A *Fuschia Robin* for the South East members has been requested. If you live in the South East and wish to be its director, please contact me.

From the Director of the *Fern Robins* comes this cheery message: "The members of the *Fern Robins* are most cooperative and congenial. It is a real pleasure to work with them. They remember to send the courtesy

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News of Our Branches

FLOWER SHOW DATES

July 11th

SANTA BARBARA BRANCH will exhibit at the Horticultural and Home Show. It will be a big display. Welcome all.

July 14th, 15th & 16th

THEODOSIA BURR SHEPHERD BRANCH will have our "best ever" Flower Show in Ventura. Don't miss it!

July 22nd & 23rd

EAST SIDE BEGONIA CLUB AND SEATTLE BRANCH announce their show will be at Bellevue, Washington, in the Elementary School Auditorium. Don't miss this if you can help it.

August 5th & 6th

SOUTHERN ALAMEDA COUNTY BRANCH will sponsor its Fifth Annual Begonia and Shade Plant Exhibit in the Hayward Veterans' Memorial Building by invitation of the Memorial Building Commission. Any member of the A.B.S., whether a branch member or not, is cordially invited to exhibit. The show will be free and the public is invited.

August 12th & 13th

SAN GABRIEL VALLEY BRANCH invites all members and their friends to visit our Third Annual Flower Show at the Barbour Bldg., 27 W. Huntington Drive, Arcadia. Those who have attended our previous shows have been very pleased and felt it well worth their time—so keep the date marked on your calendar.

August 26th & 27th

PETALUMA BRANCH invites all to attend the Flower Show at Kenilworth Park in which they will enter a display of all seasonal flowers as well as their specialty—begonias and shade-loving plants.

**YOU SHOULD HAVE ORCHIDS
IN YOUR GLASSHOUSE**

Orchid Manor

CARO and GRACE KREBS

1010 Floral Drive, Whittier, Calif.



Inspection By Appointment Only

Phone WHittier 4-4136

FOOTHILL: Mrs. Sylvia Leatherman of Leatherman's Gardens, El Monte, was the June speaker. The purpose of her talk, aside from the general care of begonias, was to encourage more people to participate in begonia shows. Mrs. Leatherman demonstrated the process of pinching and shaping begonias for pleasing and prize-winning effects. A well groomed plant with good green foliage is sure to take a ribbon. Advice that can well be heeded by us all for success in begonia displays is to concentrate on one division only—rexes, or tuberous, or rhizomatous, etc. That first prize can be yours!

President-Elect Frank S. Moore was a visitor who spoke briefly during the business session.

The annual July potluck picnic is to be a Country Store in a Poke, and is to be held in the Glendora Recreation Park, 6:30 p. m., July 7th. Each one is asked to bring his own table service. Coffee will be furnished by the Branch. All are invited to come and enjoy this evening with us.—*Edwin O. Williams.*

GLENDALE: Note the change of meeting place this month:

Now the 4th Wednesday at the Tuesday Afternoon Club, 400 N. Central Ave., Glendale.—*Violet A. Moore.*

HUB CITY: Our May meeting, after a brief business session, was turned over to a very fine speaker on African Violets—one you all know—Mrs. C. K. Rector of San Pedro. Her soil mixture for African Violets is as follows: 1 part manure (fine), 2 parts sand (coarse), 3 parts leafmold (oakleaf preferred), 4 parts garden soil, and some bone meal, super phosphate, and charcoal. She stresses putting your leaf cuttings into a dark bottle (blue or brown) to keep the stems from rotting due to strong light.

Among our guests were Mr. and Mrs. Moore and Mrs. Gladys Nolan (A.B.S. Librarian) and friend. Coffee was served, compliments of Nescafe Coffee.

—*Blanche E. Watts*

HUMBOLDT: At our May meeting Mr. Ray Minnie gave a brief talk on the exhibit to be placed at the County Fair in August, stressing that all members have an interest in the exhibit and should grow and groom plants for it.

Many questions were asked about begonias. While most of us do not have any problems, we all like to talk about plants and planting and compare our ideas with others. Tuberous Begonias require staking. Some put the stake in the ground or pot when the plant is set in the dirt. Others wait, putting a sharp-pointed stake by the begonia when it is large. Care must be taken not to hit the tuber as

the stake is pushed into the ground. Tie carefully with Twistems or pipe cleaners. Plant begonias with the leaves pointing out towards the path. This is the side the flowers will be on. Watch for aphids. They cause the leaves to curl under and often leave a sticky deposit on the surface of the leaf. Liquid fertilizer can be given at the showing of the first bud. This can be a weak tea made of manure or fish emulsion. Or commercial fertilizer can be added to water (a tablespoonful to a gallon). Never feed a dry plant. Water good one day and fertilize the next. Every two weeks is a good schedule to follow.

A report of the Oakland Flower Show by several of our members who had attended closed the meeting.—*Violet Wooden.*

INGLEWOOD: 71 were present at our June meeting featuring Mr. Frank Richards of Evans and Reeves Nursery talking on "Shade Plants in Relation to Begonias." His talk was filled with useful information. On the question of bud drop on our carefully nurtured tuberous begonias, he suggested that it can be caused by over-watering and also by sharp change between day and night temperatures. He recommended we study the indigenous habitat of the plants we wish to grow and duplicate it as nearly as possible in domestic culture. In nature many begonias are found on the east sides of hills, for instance, and many in cooler areas than we are apt to believe but with some sun and not in as damp conditions as found in the average lath-house.—*Cal Trowbridge.*

MIAMI: A punchy meeting—Due to the fact our president was attending the Florists Association in Palm Beach, Mr. R. G. Wilson presided at the meeting. We had a demonstration of seed sowing by Mr. Michaelson and Mr. Wilson. The last half of the plants bought by the branch, to be distributed among the members and to be grown on as specimen plants for the shows later in the year, were given out, followed by lunch and punch.

—*Mrs. A. E. Sackett*

NORTH LONG BEACH: **Annual Founder's Day Garden Visitation** will be July 23—FREE—Meet at Houghton Park Picnic Area at 12 noon for a pot luck lunch, followed by visiting local gardens. Six or more gardens will be visited. Maps of the route will be given at dinner, tour ending at H. P. (Pop) Dyckman's home. We furnish coffee, sugar, cream, bread and butter—bring your own service. Door prizes and plant drawing. **All flower lovers invited.**—*Mrs. J. L. Wood.*

ORANGE COUNTY: Another large crowd was present in June to hear Mr. E. A. Sanderson of "Sandy's Nursery" in Long Beach, speak on "Pelargoniums." He traced their history, where the different species were found, but said that the genealogy is so mixed now

that a person could not tell where one had originated. In discussing the cultural requirements, he said that they don't need too much fertilizer, like a well-drained spot and like to be thoroughly watered. Mr. Sanderson showed how he makes a cutting and also told how to prune the plants in the fall. Many specimens, in bloom, were on display and it was beautiful.

Our branch voted to enter an exhibit at the National Flower Show in Inglewood, although we had already been committed to enter exhibits at the Long Beach Flower Show and at our own Orange County Fair, both in August. Mr. and Mrs. Cal Trowbridge were present and spoke on the flower show. Mrs. Muriel Hylton was appointed chairman for the exhibit in Inglewood while Mrs. Bernice Moore had been named chairman for the exhibit in Long Beach. Mrs. E. K. Burdick, retiring County Farm Home Dept. Chairman, told of the cookbook that this group is sponsoring and asked the branch if it would like to be represented in it. It was voted we subscribe to a half-page ad.

Mr. Sanderson also arranged for musical entertainment by "Sandy's Mandolin Trio" of Long Beach, consisting of Mr. Sanderson, Mr. F. A. Ruppman, and Mrs. Welch, as an extra treat.

In our combined hobby-plant sale we had many examples of our members' handiwork, adding much to the event.—*Helen Meyer.*

PETALUMA: Mr. Henry A. Ross presided at our May meeting in the absence of President Schlener. The speaker was Mr. John Druecker, nurseryman from Fort Bragg. His topic was "Rhododendrons, Their Species and Habits of Growth." Sixty-eight members and eighteen guests were present. Among other offerings on the plant table were 100 seedling tuberous begonias.—*Mrs. Wilburn Kram.*

PHILABEGONIA: and the MARGARET GRUENBAUM branches held a joint meeting at the home of Mrs. Elsa Fort in Merchantville, N. J., on May 23rd.

After viewing the garden, abloom with spring flowers, and the recently erected greenhouse—pride and joy of its owner—and the large array of tuberous rooted begonias, we were invited into the dining room for luncheon.

A brief business meeting followed in which Mrs. Fort referred with deepest regret to the sudden passing of Ernest K. Logee, of the New England Branch, with whom she was personally acquainted.

The high light of the meeting was the interesting, though all too brief, account given by Mrs. Helen Krauss of her recent trip to Africa and the Continent—touching on the botanical phase thereof. Though many other

Turn to next page

flowers abound, she found only one begonia and sent seeds from it back to Mrs. Fort. She briefly touched on Kew Gardens but has promised to give us more on both subjects when her slides are ready.

Mrs. Harry Oakford read a paper on the semi-tuberous begonias and specimens of those read about were passed around and discussed.

—Mrs. C. C. Keeler.

SAN GABRIEL VALLEY: Had an excellent dinner meeting honoring Dr. C. H. Lauder in May with Past President Ferd Neels speaking. His pointers about showing begonias were timely as we prepare for our own August show and the National Show (see "Show Dates" column in this issue). He warned about constant vigilance against pests, so that our pet plants would not develop last-minute holes in leaves—a bad mark against them indeed. He mentioned that a plant need not be huge to win a ribbon—that even a small plant might win if it were in perfect condition. In addition he gave us much to think about on his new hobby—cymbidium orchids—which grow so well in our Southern California sheltered gardens.

Our July meeting promises to be a very interesting one as we are to have a forum. Four of our members: Dr. C. H. Lauder, Mr. Jas. Giridlian, Mr. Caro Krebs, and Mr. Arthur Nelson, will hold discussions on their own methods of cultivation and growing their favorite plants and will answer questions. We are looking forward to this event as one of the high spots of the year. Come and join us.

—Verna R. Johnson.

SANTA BARBARA: President W. E. Walton in May told of the organization and history of the American Begonia Society. The regular meeting followed a pot luck dinner to celebrate the Tenth Anniversary of the Branch. Three of the sixteen charter members were present—Mrs. W. B. Frey, Mrs. Freda Frank and Mrs. James Wait. Louise Schwerdtfeger, Public Relations Director and Secretary much of the first year (1940) was also present. She was almost a charter member. We had guests from Oakland, San Leandro and Torrance. Eight members exhibited specimen begonias—some being seedlings raised by the owners. There were several miniature rexes. Some of the exhibitors gave the history of the plants shown and parentage of hybrids, name of originator and year of origin. President Walton commented favorably on this feature.—Roy G. Pierce.

SEATTLE: Our May meeting was held at the George S. Greeley home on Magnolia Bluff overlooking Elliott Bay. After a very short business session, a brief roundtable discussion concerning the various points that go to make up a perfect "show" specimen was conducted by Program Chairman Paul Dierro, assisted by Mrs. Helen Buzard.

Our principal speaker for the evening was our own Neill D. Hall. Mr. Hall has a rich botanical and horticultural background gleaned from many years of study and experience. His talk on the subject of "Companion Plants for Begonias in the Northwest" included description and specimen display of the following: (We list them first by name, followed by their mature height, their flower color, then their fruit color if the fruit is conspicuous, and lastly, their probable origin).

Rhododendron Williamsianum, 8 in., pink, —, Asia

R. pemakoense, 12 in., pearly-mauve, —, Asia

R. ciliatum, 24 in., light-pink, —, Asia

R. tephropeplum, 30 in., rose-pink, —, Asia

R. didymum, —, black-crimson, —, Asia

R. fastigiatum, 12 in., purple-blue, —, Asia

R. impeditum, 12 in., purple-blue, —, Asia

R. racemosum, 36 in., pink, —, Asia

Vaccinium vitis-Idaea (Mt. Cranberry), 6 in., pink, red, Alaska and N. Europe

Gaultheria migueliana, 6 in., white, white, N. America

G. ovatifolia, 6 in., white, red, N. America

Pieris floribunda, 6 feet, white, —, N. America

Kalmia latifolia (Mt. laurel), 6 feet, pink, —, N. America

Enkianthus campanulatus, 8 feet, yellow-orange pendant bells, —, Japan.

All of the above listed shrubs are evergreen except the last named and because they all have fine hair-like roots that will not spread over large areas and their soil, moisture, and sunlight requirements agree quite closely with those of begonias, they are excellent companion plants for framing a begonia planting. These shrubs have beautiful foliage throughout the year with the one deciduous exception and they will provide attractive protection for the begonia bed. Their flowering period will precede that of most begonias, thus providing an attractive sight before the begonias reach their perfection.

All of these shrubs are fully hardy and will thrive beautifully in that portion of the Pacific Northwest, west of the Cascade Mountains, provided they receive partial shade, sufficient moisture, and have their roots in a well drained slightly acid humus soil.

Pacific northwest friends and visitors: Note the date of our annual begonia show held by the East Side Begonia Club and ourselves jointly and listed under "Show Dates" in this issue. We hope to see you all.

—S. A. McClanahan

SHEPHERD: Held a wonderful spring picnic June 25th which was greatly enjoyed by everyone who could attend. Don't forget to see us at our annual flower show this month—see "Show Dates" herein.—Mrs. G. J. Roland.

SOUTHERN ALAMEDA CO.: Any member of the A.B.S., whether a branch member or not, is cordially invited to exhibit in our August show. See "Show Dates" column for time and place! It's going to be really good.

ROBIN NEWS, cont. from page 153

cards, contribute interesting letters, and send the Robins on their way promptly." Congratulations to all members of the Fern Robins. This is the standard we have set up for our Round Robins and most members do strive to maintain it.

Seemingly the "begonia bug" has started an epidemic in certain communities in the State of Texas, for the Director of the Texas House Plant Robin writes: "Several of our members are erecting green-houses for their begonia collections. These green-houses include a small home-made sash-house, a sturdy house covered with glass substitute material and an Orlyt." This kind of enthusiasm promises lovelier and bigger begonias for Texas. Perhaps this calls for a "Greenhouse Robin for the Amateur." Would someone like to be its director?

The A.B.S. has had Round Robin letterheads printed for us on the best quality Air-Mail paper and is willing to sell it to all Round Robin members at cost. 100 sheets for a dollar—50 letterheads and 50 blank sheets—or you may order 25 of each for fifty cents. Send your order to Mrs. Schwerdtfeger; she is willing to accept stamps for small orders. The letterheads are lovely and so convenient and if we could all use this light weight paper, the saving in postage alone would pay for a year's supply. So why not standardize our Round Robin letters and order this stationery today?

Directors—Please keep on sending in the choice information from each flight, so that we may keep our "Robin Notes" interesting.

It seems that summer has been with us such a short while, for next month will find us wondering "Where will I put all these begonias this winter."

Until August then—with good wishes to all,

—Frances Downing, Round Robin Chairman

GLANCING BACK, cont. from page 145

if necessary; and it may even be possible to start new plants from cuttings placed where they are desired to grow permanently.

"REX—These plants should be very fine now. Good ventilation, lots of water if the plant has good drainage, and a moist atmosphere contribute to the making of good plants. Rex feeding roots grow almost entirely within the top inch of soil. Whenever these roots show the least sign of forming around the inside of the pot, place in a larger, slightly

deeper one, in order that the new roots may grow in the new rich leaf mold added above the old soil. Most growers seem to think it is unnecessary to feed this type of begonia with fertilizer of any kind."

CONDENSED MINUTES meeting National Board A.B.S. held in Los Angeles May 22nd, 1950. Meeting called to order at 7:45 with President Walton presiding. Salute to the Flag. Statement of Aims and Purposes of the Society.

Reports of Treasurer, Editor, Business Manager, Membership Fees, read and on motion accepted as read and laid on the table for reference should anyone wish to look them over.

Mr. Lorenz, as Chairman of Committee to report on membership in the Arboretum, gave a very comprehensive report of the value in supporting this project and stated that for the present the benefits to the Society would not be extensive but of untold value looking to the future and recommended that the Society take out a membership.

Motion by Mrs. Korts, seconded by Gladys Nolan "I move that we join the Los Angeles City and County Arboretum in Arcadia." **SO ORDERED.**

President announced appointment of Nominating Committee—Chas. Wiley, North Long Beach; Mr. Richardson, Glendale; Earl Wiltse, Redondo Beach Area; Committee to make a written report by June 10th. Method of getting the ballots to the membership to be discussed and adopted at a later date. Watch your Begonian for details.

REPORTS: Public Relations Director—No new branches to report at this time. Urged members to take an active interest in the Round Robins.

Librarian—Books have been supplied to members in Havana, Cuba; England, and Ecuador. New bulletins and books being added each month; 36 books in circulation since April 24th.

Slide Library—Slides in big demand and are on the go at all times. Plan to add new slides to the collection and Mr. Miller of Whittier is going to assist in getting these ready for the branches to borrow.

Cal Trowbridge spoke on the coming Convention and Flower Show and showed the adopted floor plan; stated he had sent a letter to every branch outlining the set-up as arranged at this time; stated the judging schedule was now ready, as Dr. Butterfield has gone over it and returned to him with the O. K. Watch your Begonian for more detail or write Mr. Trowbridge for a copy.

Director Mrs. Korts stated she had visited the San Fernando Branch this month and found a very interested group. Mrs. Korts has made an effort to visit as many branches as possible and if she has not called on your branch, just drop her a note with a cordial invitation to "come see you."

Letter of resignation from Mrs. Spencer, Glendale Representative Director read, and appointment of new R. P. approved.

GLEANNINGS from Representative Directors' **REPORTS:**

Mrs. Drummond demonstrated corsage making for the El Monte Branch and the members enjoyed it immensely.

Several branches have adopted the plan of having a strictly "Begonia talk" evening at least every third meeting and a special short talk at between meetings.

Several branches have a plan of giving out to the members special small begonia plants to take home and in 3 months bring them back to the meeting to be judged and a prize awarded to the member growing the best all around plant.

Special programs arranged to help beginners to grow begonias.

Special effort made to encourage good attendance and to bring a guest.

Outdoor meetings and pot-luck dinners well received and always a good turn-out.

Branch shows most interesting and have good attendance and create much interest.

Found that visiting among branches is well received and brings return visits.

Respectfully submitted,

Gonda Hartwell, Sec.

Branch Meeting Dates and Places

BARTON, DOROTHY PIERSON BRANCH

Regular Meetings 1st Mondays in February, May, August and November. Two annual exhibits, May and September. 1:30 p.m., Dessert Mrs. George W. W. Barton, Director 929 East 7th St., Flint 3, Michigan.

BELLFLOWER BRANCH

1st Monday, July 3, 7:30 p.m.
I.O.O.F. Hall, Ardmore and Palm Sts.
Mrs. Mildred Marshall, Secretary
8733 East Flower St., Bellflower, Calif.

EAST BAY BRANCH

2nd Thursday, July 13, 7:45 p.m.
Willard School, Ward Street
C. F. Jensen, Sec.
3720 Cerrito Ave., Richmond, Calif.

EL MONTE COMMUNITY BRANCH

3rd Thursday, July 20, 8:00 p.m.
Columbia Grammar School, Rm. 60
Mrs. Mary Bradley, Cor. Sec.
701 Asher St., El Monte, Calif.

FOOTHILL BRANCH

1st Friday, July 7, picnic; Aug. 4, 8:00 p.m.
Woman's Club House, 1003 Azusa Ave., Azusa
Mrs. Mabel Goheen, Secretary
360 W. Sierra Madre Ave., Glendora, Calif.

GLENDALE BRANCH

4th Wednesday, July 26, 8:00 p.m.
Tuesday Afternoon Club, 400 N. Central Ave.
Mrs. D. H. Bradley, Secretary
1432 E. Wilson, Glendale 6, Calif.

GRAY, EVA KENWORTHY BRANCH

3rd Monday, July 17, 7:30 p.m.
Community House, La Jolla
Tillie Center, Cor. Sec.
7356 Eads St., La Jolla, Calif.

GRUENBAUM, MARGARET BRANCH

4th Tuesday, July 25, 10:30 a.m.
Home of Members
Box Lunch 12:30, Program following
Mrs. Ernest Jones, Sec.
R.F.D., Willow Grove, Pa.

HOLLYWOOD BRANCH

2nd Thursday, July 13, 7:00 p.m.
Plummer Park, 7377 Santa Monica Blvd.
Mrs. Walter J. Butt, Cor. Sec.
861 So. Harvard, Los Angeles 5, Calif.

HUB CITY BRANCH

3rd Monday, July 17, 7:30 p.m.
Roosevelt High School Cafe
1200 E. Olive, Compton, Calif.
Mrs. Mildred Ogden, Secy.
114 East Olive St., Compton 3, Calif.

HUMBOLDT COUNTY BRANCH

2nd Monday, July 10, 8:00 p.m.
Los Amigos Club, Loleta, Calif.
Miss Margaret Smith
P. O. Box 635, Ferndale, Calif.

INGLEWOOD BRANCH

2nd Thursday, July 13, 8:00 p.m.
325 No. Hillcrest, Inglewood, Calif.
Mrs. Minna Slatter, Secy.
4600 6th Ave., Los Angeles, Calif.

LA MESA BRANCH

2nd Monday, July 10, 8:00 p.m.
Porter Park
Mrs. Jane Cook, Secy.
439 Carlos, San Diego 2, Calif.

LONG BEACH PARENT CHAPTER

3rd Tuesday, July 18, 7:30 p.m.
Robert Louis Stevenson School, 5th & Atlantic
Cafeteria, Lime St. Entrance, Long Beach, Calif.
Mrs. Mary Congdon, Treas.
1506 East 4th St., Long Beach, Calif.

MIAMI, FLORIDA BRANCH

4th Tuesday, July 25, 8:00 p.m.
Simpson Memorial Garden Center
Miss Elizabeth S. Hall, Sec.
2572 Trapp Ave., Miami 35, Fla.

MISSOURI BRANCH

4th Tuesday, July 25, 8:00 p.m.
Member's Residence
Mrs. Ruth Edwards, Sec.
2539 Holmes, Kansas City, Mo.

NEW ENGLAND BRANCH

Mrs. H. H. Buxton, Sec.
114 Central St., Peabody, Mass.

NEW YORK SUBURBAN BRANCH

Sec.-Treas.: Mrs. Dorothy F. Michaelson
P. O. Box 818, Denville, N. J.

NORTH LONG BEACH BRANCH

2nd Monday, July 10, 7:30 p.m.
Houghton Park Club House
Harding & Atlantic, No. Long Beach
P. John Nachbor, Secy.
6217 Butler Ave., Long Beach 5, Calif.

ORANGE COUNTY BRANCH

1st Thursday, July 6, Aug. 3, 7:30 p.m.
Farm Bureau Hall, 353 So. Main St., Orange
Sec.-Treas., Mrs. W. L. Everett, R. 2, Box 146
Orange, Calif.

PASADENA BRANCH

3rd Monday, July 17, 7:30 a.m.
208 Social Hall, Pasadena
City College, Colorado Blvd.
J. F. Thompson, Sec.-Treas.
739 No. Wilson, Pasadena 6, Calif.

PETALUMA BRANCH

3rd Friday, July 21, 8:00 p.m.
McKinley Rec. Center, Washington & Vallejo Sts.
J. Earl Wilson, Secretary
111 Hill Blvd., Petaluma, Calif.

PHILOBEGONIA BRANCH

Mrs. Lillian Watts, Sec.
405 Cotswald Lane, Wynnwood, Pa.

REDONDO AREA BRANCH

4th Friday, July 28, 8:00 p.m.
Community Hall, 1620 Pier Avenue
Redondo Beach, Calif.
Mrs. Arline Stoddard, Sec.
522 So. Guadalupe Ave. Redondo Beach, Calif.

RIVERSIDE BRANCH

2nd Wednesday, July 12, 8:00 p.m.
Member's Residence
Mrs. Zena L. Twomey, Sec.
7154 Magnolia Ave., Riverside, Calif.

ROBINSON, ALFRED D. BRANCH

4th Tuesday, July 25, 8:00 p.m.
3030 Homer Street, San Diego 6, Calif.
Mrs. Edyth Sherwood, c/o Mrs. Leta Wescott
1767 Sunset Cliffs Blvd., San Diego 7, Calif.

SACRAMENTO BRANCH

3rd Tuesday, July 18, 8:00 p.m.
Garden Center, McKinley Park
Mr. J. C. Roberts, Secretary
293 40th St., Sacramento, Calif.

SALEM, OREGON BRANCH

1st Thursday, July 6, Aug. 3, 7:30 p.m.
Salem Y.M.C.A.
Mrs. Dan Scharf, Secretary
2750 Lancaster Dr., Salem, Oregon

SAN DIEGO BRANCH

4th Tuesday, July 25,
Lions' Club, 3927 Utah St.
Mrs. D. M. McDaniel, Sec.
1059 Meade Ave., San Diego 3, Calif.

SAN FERNANDO VALLEY BRANCH

2nd Monday, July 10, 7:30 p.m.
Garden Center, 1113 1/2 Weddington, No. Hllywd.
Mrs. Nel Schoenbrom, Secretary
20047 Armita, Canoga Park, Calif.

SAN FRANCISCO BRANCH

1st Wednesday, July 5, Aug. 2, 7:30 p.m.
American Legion Hall, 1641 Taraval St.
Sec., Mrs. Wm. Meyer
1422 27th Ave., San Francisco 22, Calif.

SAN GABRIEL VALLEY BRANCH

4th Wednesday, July 26, 8:00 p.m.
Masonic Temple, 506 S. Santa Anita Av., Arcadia
Mrs. Dorothy deHart, Sec.
509 So. Rosemead Blvd., San Gabriel, Calif.

SANTA BARBARA BRANCH

2nd Thursday, July 13, 7:30 p.m.
Rm. 5, Com. Center, 914 Santa Barbara St.
Santa Barbara, California
Roy G. Pierce, Secy.
914 Olive St., Santa Barbara, Calif.

SANTA MONICA BAY BRANCH

1st Wednesday, July 5, Aug. 2, 7:30 p.m.
225 - 26th St. (upstairs), Santa Monica, Calif.
Mrs. J. R. Hall, Secretary
933 17th St., Santa Monica, Calif.

SANTA PAULA BRANCH

4th Thursday, July 27, 6:30 p.m.
Steckel Park
Mrs. Beryl Ernsberger, 621 Santa Paula St.
Santa Paula, California

See next page

SEATTLE BRANCH

3rd Tuesday, July 18,
Member's Homes
Mrs. Thomas Myers, Secy.
6057-31, N. E., Seattle 5, Washington

SHEPHERD, THEODOSIA BURR BRANCH

1st Tuesday, Aug. 1, 7:30 p.m.
Alice Bartlett C. H., 902 E. Main, Ventura, Calif.
Mr. Robert Renshaw, Secy.
560 So. Coronado, Ventura, Calif.

SO. ALAMEDA CO. BRANCH

3rd Thursday, July 20, 8:00 p.m.
Faculty Cafeteria, High School, Hayward, Calif.
Mrs. Harvey Manning, Cor. Secy.
21455 E. 14th St., Hayward, Calif.

SOUTHGATE BRANCH

4th Tuesday, July 25, 8:00 p.m.
Girls Scout Clubhouse, Southgate Park
Mr. Ray Venable, Secy.
8624 Garden View Ave., Southgate, Calif.

TEXAS STATE BRANCH

4th Friday, July 28,
Mr. E. Weaver, Pres.
1325 Thomas Blvd., Port Arthur, Texas

WESTERN PENNSYLVANIA BRANCH

2nd Tuesday, July 11, 11:00 a.m.
Phipps Conservatory, Schenley Park,
Pittsburgh, Pa.
Mrs. John C. Schmucker, Sec.-Treas.
Box 233, Brownsville, Pa.

WESTERN RESERVE BRANCH, CLEVELAND, O.

4th Wednesday, July 26, 8:00 p.m.
Garden Center, 10013 Detroit St.
Cleveland, Ohio

Mrs. Edward Lobser, Cor. Sec.
25912 Westlake Rd., Bay Village, Ohio

WHITTIER BRANCH

4th Tuesday, July 25, 7:30 p.m.
Union High School, Room 19
Lindley Ave. Entrance, Whittier, Calif.
Mrs. Dorothy Hovanec, Secy.
630 Palm Avenue, Whittier, Calif.

Q. + A., cont. from page 153

comes from the tip of the tuberous-rhizome and when the plant goes into its dormant period, this stem is dropped. By treating the plant as one does the tuberous over this dormant period, by keeping it on the dry side, one shouldn't have too much trouble getting it started again. As with all the India plants that we are raising, it often takes some time for the plant to change its cycle of growth to correspond to our growing conditions and we may have to struggle with it two or three years before it will go dormant during our winter instead of going dormant during the spring and early summer.

Question: What is the correct name for the small leaved, rhizomatous plant we've been raising under the name of *B. "Mexican Rockery."*

Answer: All the plants I have raised under that name have been *B. Schulziana*. This is one of the rhizomatous that loses all its leaves in the winter and many people are under the impression that they are having trouble with the plant. However, it has proven very hardy here. When the leaves start dropping, do not try to force it into another growing cycle but withhold water and let the plant go dormant. You will be rewarded the following spring with new foliage and flowers. It is one of the few rhizomatous that throw lots of off-shoots and may be divided very easily when the plant starts active growth again.

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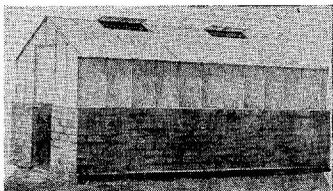
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