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Devoted to the Sheltered Garden

VOL. 40, NO. 4



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

THE REX ON THE COVER: BEGONIA 'HERZOGIN VON SAGAN'

By Sylvia Leatherman

Begonia names continue to be confusing. The same Begonia may be listed in various publications under different names. This is very discouraging to individuals purchasing plants. Many times they in turn order duplicates unaware of several names used for the Begonia.

Begonias coming to the U.S.A. through various channels have been offered to the public under incorrect names. Due to the hybridizers living in areas where communication is difficult and obtaining plants directly is almost an impossibility, plants must be routed through several channels. In the process of travels many times names are translated incorrectly, or, if the name is lost another name may be attached. Labels can get mixed up and this, too, adds to the confusion.

B. 'Herzogin von Sagan' translated B. 'Duchess of Sagan' has been grown by individuals for several years and in most cases under the incorrect name of B. 'Can Can'.

Many of the exceptionally beautiful Rex Begonias originating in East Germany are mislabeled by growers here. This I am sure is unintentional and is due mainly to lack of communication.

Hybridizers many times are hurt when they see their "babies" grown

under the wrong name. A baby's originator is proud of his offspring whether it be human or a plant. With the A.B.S. now producing colored plates I hope the confusion will eventually be unraveled.

B. 'Herzogin von Sagan'

A semi-upright grower, branching well from the base. Leaves are silver, heavily overlaid with pink. Light and climatic conditions will vary the pink hues. In some growing locales the leaves will be almost a solid vivid pink while in other areas the leaves will be silver, flushed with pink. Culture and climatic conditions will vary Begonia colorings.

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AIMS AND PURPOSES OF THE AMERICAN BEGONIA SOCIETY, INC.

The purpose of this Society shall be:

TO stimulate and promote interest in *Begonias* and other shade-loving plants;

TO encourage the introduction and development of new types of these plants;

TO standardize the nomenclature of *Begonias*;

TO gather and publish information in regard to kinds, propagation and culture of *Begonias* 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 *Begonias*.

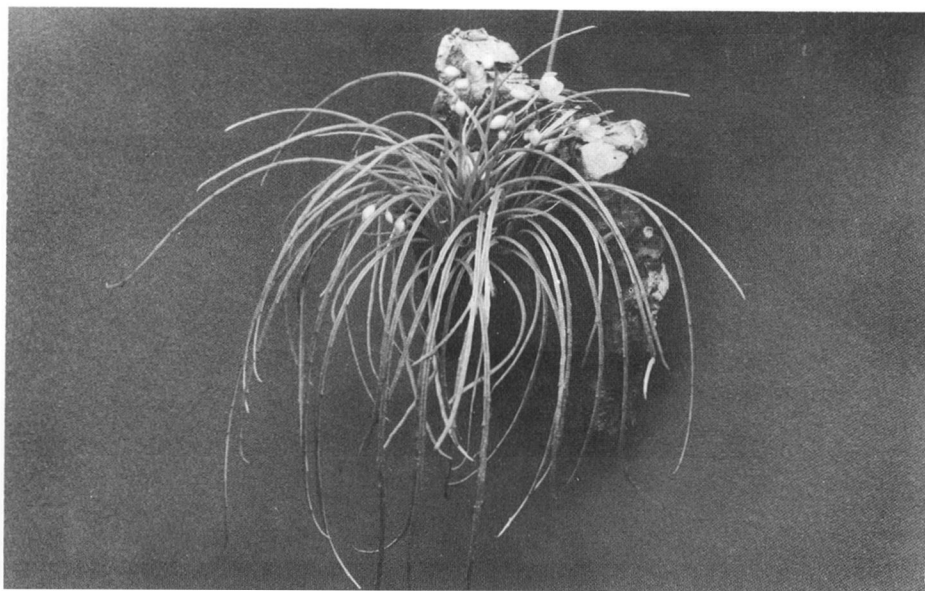


Photo by J. Bogner

BEGONIA BOGNERI: A NEW SPECIES FROM THE MALAGASY REPUBLIC

By Rudolf Ziesenhenne

A chance remark to Josef Bogner, inspector of the Munich Botanical Garden, Germany, when I visited the garden in August 1969, that not half of the world's begonia species have yet been discovered and named, was the opening which gave me an opportunity to see a most unique begonia which Mr. Bogner had recently discovered, and subsequently to grow, propagate, and now describe the new species.

The recent discovery of *Begonia bogneri* had occurred on January 23, 1969 in the Malagasy Republic (formerly Madagascar), while Mr. Bogner was visiting the very little-explored mountainous Presqu'île de Masoala in an area called Hiaraka, which has an average annual rainfall of about 3500 mm. (140") and a yearly average of 230 rainy days.

He was looking for aroids but found at an elevation of about 50 meters (165') in the deep shade of steep, mossy, granite cliffs the grass-like begonia we are naming *Begonia bogneri* covering the naked rocks among mosses, ferns and sometimes *Pothos scandens*. The locality of this new species is very small, no larger than one hectare (2.471 acres); the mountains at Hiaraka arising from sea level immediately to about 1000 m. (3300'). Mr. Bogner climbed to the top but found no other place where the begonia was growing.

Hiaraka can be reached only on foot or by boat and Mr. Bogner was brought there by motorboat from Maroantsetra, traversing the Baie d'Antongil, by Mr. A. Peyrieras, entomologist at ORSTOM (Office de la Recherche Scientifique et Tech-

nique Outre-mer) in Tananarive.

Mr. Bogner collected living plants and herbarium specimens of the new begonia under his number Bogner 262. Living plants were sent to three botanical gardens in Europe but they survived only in Munich where the plant was propagated.

After Mr. Bogner sent me plants of this unusual begonia, I studied the begonia literature in order to determine whether it had already been described and named; it appears it has not.

I have grown this begonia in a terrarium where the plant readily produced male flowers, but it was not until the plant was put under fluorescent lights indoors that a female flower appeared. A study of the flowers placed the plant in Begonia section ERMINEA A. DC. Plants in this section have male flowers with four tepals and female flowers with six tepals. *Begonia bogneri* has an erect stem, a leafstalk which is not readily discernable, the dried leaf and its petiole being 9 cm. ($3\frac{1}{2}$ ") long and 1.5 mm. ($\frac{1}{16}$ ") wide. The leaf is essentially the same width its entire length, being strap-like in shape; the nerves are arranged like a feather but the side nerves are not visible.

The other plants belonging to the section ERMINEA A. DC. differ from *B. bogneri* by the following characteristics: *Begonia erminea* L'Hérit. has heart-shaped leaves which are palmately veined. *B. warpuri* Hemsley and *B. nana* L'Hérit. are stemless; the leaves of both have prominent petioles and the leaf blades are narrowly elliptical, tapering at each end, the ratio for *B. war-*

puri Hemsley 3.5 mm. times longer than wide and for *B. nana* L'Hérit. three times longer than wide.

The plant Mr. Bogner designated from the wilds as the type specimen is only 10.1 cm. (4") tall. However I will first describe the plant as I know it in cultivation.

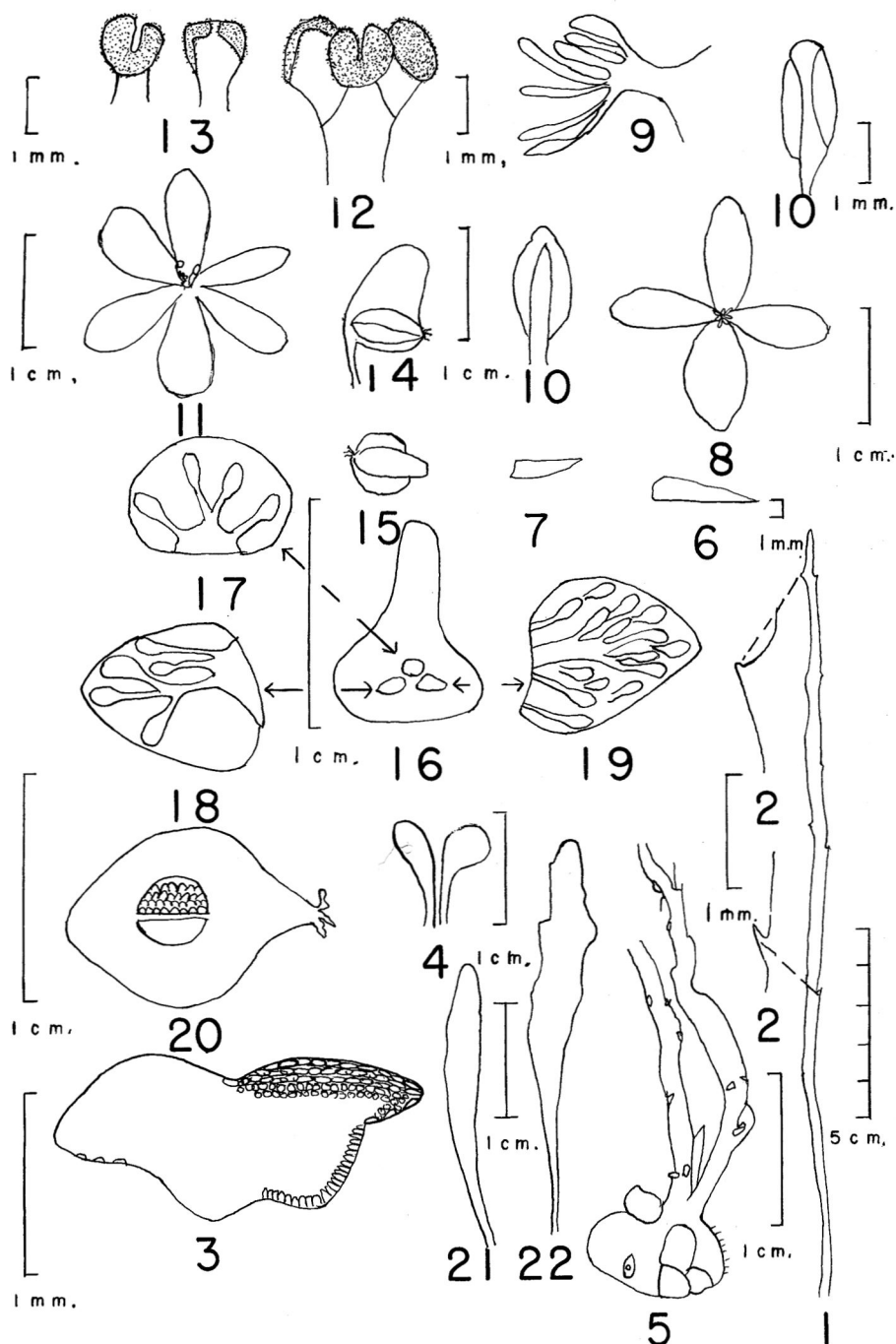
This plant is being named *Begonia bogneri* in honor of its discoverer. Its outstanding characteristics are its narrow and long leaves (Figure 1.) The leaves of the growing plant are about 2 mm. ($\frac{1}{8}$ ") wide and 15.2 cm. (6") long, medium green with the upper surface shiny without any appendages. The leaf remains the same width its entire length; the tip comes quickly to a rounded point. Little pits appear here and there on the upper surface of the leaves (only visible by a lens.) That there is one nerve running the entire length of the leaf is easily observable because it is depressed into the leaf. No side veins are visible although a study of the cross section of the leaf does reveal lateral nerves each of which terminates in a little saw tooth (Figure 2) on the edge of the leaf. The leaf studied showed six teeth on each margin of the leaf revealing six nerves on each side of the leaf. Each saw tooth terminates in a little fleshy point. The underside of the leaf is pale green, shiny with no appendages, but the main nerve is impressed. A study of the cross section of the leaf (Figure 3) reveals the leaf to be little more than the midrib of a usual begonia leaf. This lack of leaf tissue on each side of the midrib gives the leaf a much thickened and rounded appearance. There appears to be only three or four rows of

stomata on the underside of the leaf and they occur along the immediate edges. The leaf appears to be stalkless but with study the petiole, round and one to 3.8 cm. ($1\frac{1}{2}$ ") in length, is distinguishable from the leaf blade because it is a pale pinkish color.

When grown in the open greenhouse without artificial light, the plant has a dormant period of a plant which produces a swollen stem base. The illustration (Figure 4) pictures the first two leaves of an awakening plant. They are spatulate in shape and offset from the direction of the petiole. The tip portion is approximately 4 mm. ($\frac{5}{32}$ ") square. The next leaf can be like either Figure 22 or 23. Figure 21 is 2.5 cm. (1") long and 3 mm. ($\frac{1}{8}$ ") wide with the tip end being reduced in width abruptly. Figure 23 pictures a leaf 3.5 cm. ($1\frac{5}{8}$ ") long and 5 mm. ($\frac{3}{16}$ ") wide with a very irregular outline but again abruptly narrowed near the tip. The next leaf produced is typical of the Figure 1.

The plant I received from Munich appeared at first to be stemless but with time the stem became visible, reaching by January 1973 a length of 3.2 cm. ($1\frac{1}{4}$ "). The thin stems (Figures 4 & 5) are about 3 mm. ($\frac{1}{8}$ ") in diameter, are straight at first but bend over from the weight of the long leaves they support. An examination of the stem base reveals a swelling (Figure 5) with knobs protruding and then developing into stems. The stem base appears to be a tuber, the growth somewhat like that of the semi-tuberous *B. dregei* Otto & Dietr. It is difficult to see the stem base because it is thoroughly concealed with closely-spaced roots. The stem itself is not straight but it

rather zig-zags with each leaf node. The pinkish stipules (Figure 6) are minute and long triangular, 2mm. ($\frac{3}{32}$ ") long and 1.5 mm. ($\frac{1}{16}$ ") wide, remaining on the plant. The pinkish flower stem rises to 15.2 cm. (6"), usually bearing only one or few male and one female flower but the wild specimen shows more are produced. There are two sets of bracts (Figure 7) one for each of the flowers. The male flower (Figure 8) is pale pink and has four tepals which are long-oblong and almost the same size, the flower being 1.9 cm. ($\frac{3}{4}$ ") in diameter. The filaments are united (Figure 9) into a little column from which the free filaments of each anther emerge at various distances from the end. The anthers are oblong (Figure 10) with the connective extending slightly. The female flowers (Figure 11) have six pinkish tepals and is 1.9 cm. ($\frac{3}{4}$ ") in diameter; there are three stigmas (Figure 12) on a column with the stigma papillae only on the top which is (Figure 13) almost circular but with a cut on the inside. The stigmas remain on the capsule and dry up. The seed pod is green and has only one wing (Figures 14 & 15) which is fleshy and causes the fertilized seed pod to hang wing downward. The seed pod (Figure 16) is three-celled (Figures 17, 18, & 19) and 1.9 cm. ($\frac{3}{8}$ ") long. The interior of the cells is unlike any I have ever examined, there appearing to be several placenta growths which are very thin, arranged like pages in an open book, and which grow out into the cell only a short distance, the farthest edge terminating at random distances. From the farthest end and sometimes



***Begonia bogneri* Zies.**

from the sides, threads spring forth, the ends of each carrying a seed. In this manner four rows of seed are arranged (Figure 20) from the center of the cell to the very opposite side of the cell, the entire cell being packed with seed. The slender threads connecting the seed with the placenta extend between the various seed in the various rows attached to their particular seed. I have not had the opportunity to examine other species in this section so I do not know if this characteristic is common to this group.

To me *B. bogneri* is a most unusual plant and a valuable addition to any begonia collection. I like the plant as it is but wonder what hybridizers will do with it.

I have found *B. bogneri* to be an excellent terrarium plant and under lights it has been evergreen. I have grown the plant in sphagnum moss, in a mixture of peat, vermiculite, perlite and limestone, as well as in my regular begonia soil mix, and have had good results. In my opinion the plant is most attractive grown in moss or fibrous peat on cork as a hanging plant as Mr. Bogner grows it, as shown in the photograph. In cultivation the plant develops into a clump consisting of a number of stems all arising from the one tuber-like body.

We wish to express our appreciation to Mr. Bogner for his assistance and to Dr. A. Kress of the Munich Botanical Garden who prepared the condensed Latin translation of the diagnosis, which follows.

In addition we express appreciation to Prof. Dr. H. Merxmüller, Botanische Staatssammlung, München, who furnished botanical material.

Begonia bogneri Ziesenh. spec. nov. sectionis ERMINEA A. DC.

Herba tuberosa, perennis, glandulis minutis adspersa. Tuber irregulare, nodosum, radicibus tenuibus obtectum. Caules singuli vel numerosi, simplices, teretes, breves (ad 32 mm longi), internodiis brevibus (ca. 1 - 3 mm longis). Stipulae papiraceae, triangulares (usque ad 4 mm longae et 2 mm latae), rosaceae, demum marcescentes. Petioli subteretes, ca. 1 mm diametro, ca. 10 mm longi. Laminae foliorum filiformes, ca. 2 mm latae, usque ad 110 mm longae, remote serrulatae, simiteretes, supra secus costam sulcatae, subnitide virides, subtus pallidiores. Inflorescentiae axillares, pauciflorae. Bractae triangulares, deciduae. Flores masculini tepalis 4 obovatis, pallide roseis: tepala exteriora ca. 10 mm longa et 5 mm lata, interiora ca. 9 mm longa et 4 mm lata. Stamina ca. 12. Filamenta partim libera, partim basi per 0.5 mm connata et per 0.5 usque ad 1 mm libera. Antherae oblongae, connectivis apice rotundatis et supra loculos productis. Flores feminei tepalis 6 obovatis, ca. 9 mm longis. Tepala exteriora ca. 5 mm lata, interiora ca. 3 - 4 mm lata. Styli 3, per 2 mm connati, per 1 mm liberi, persistentes. Stigmata reniformia. Capsulae triloculares, ca. 9 mm longae, 4 mm diametro, alis singulis, ca. 5 mm longis et 9 mm latis. Placentae axiales, irregulariter in laminas usque ad 4 productae. Funiculi qualrisesiales, in laminis marginales rarius laminales.

Type: Madagascar, Presqu'île de Masoala, Hiaraka, Bogner 262 (holotypus M (specimen majus), isotypi M, K, US, and R. Ziesennehenne).

BEGONIA SHOWS — QUESTIONS AND ANSWERS

By Ruth Pease

Question: There are advanced growers in our area who enter our shows and win. Novice growers feel they cannot compete with these growers. Should the advanced growers hold back their entries in order to encourage the novice growers to enter the shows?

Answer: No. An advanced grower has studied, worked with his plants and learned to grow show plants over a period of time. He is an example to others. His plants are judged and scored just as others in the show.

A division for the novice growers could be set up in the show schedule for these individuals to compete with each other; leaving the advanced growers to compete in their own divisions. It is up to the particular area. For instance, if the show were composed of many novice growers, the show committee might wish to set up duplicate divisions with appropriate classes for the novice growers as well as the advanced growers. This means duplicate awards also. The ABS show schedule and rules for the past few years have been considerate of novice growers and divisions were set aside for them to compete against each other. In the past year, however, it was decided the Annual Show of the ABS had more advanced growers entering and to consider them first and set aside one division with appropriate classes for novice growers to enter to compete against each other. This worked out very nicely this past year. It is suggested that your show committee

review the information in the past three or four years' June and July issues of the Begonian. Articles contained in these issues should be helpful to those branches planning to have shows.

Question: We want to study the ABS Judges Course as a group in our branch. Do we each have to buy our own copy of the course?

Answer: Not necessarily although many do buy it to study and to keep as a reference. Those who plan to actually study and do the homework, however, must buy their own course and send the homework in to the Director of the ABS Judges Course. If a husband and wife plan to study the course together, they need buy only one copy, but they must do their homework as individuals and not as a combined effort. Whether one buys the course in order to become an ABS judge or to have it as a reference, his name and address is recorded and filed. We encourage all to complete the homework and to become ABS-accredited judges. Cost of the course is \$6.00 which includes the 1965 course, the 1970-71 course and the homework quiz sheets prepared in 1972. An additional \$1.50 for postage is requested from those who wish their copies to be forwarded as printed matter, special handling. "A Suggested Guide to Classification of Begonias for Show Purposes" and the "Point Scoring System for Judging Begonias" should also be used in your study group.

(Continued on Page 85)

ROUND ROBIN NOTES

Suggestions for new robin subjects continue to come in as the members share and compare problems encountered in growing Begonias. One has suggested a robin devoted to the study of "Plant Pathology"; another, "Growing Odd and Rare Begonias." If you would like to join in such a study, let me know. Perhaps you have a special interest you would like to explore in a robin. These suggestions are always welcome.

Carole Rees, Ohio, used Gro-lux tubes over her rex Begonias and found that the leaves were turning brown and dying, especially the new growth. She moved lights from 10" above (as suggested in most books) to 13-19" above the plants and they soon responded with new leaves larger and with better color, with no more browning of the leaves.

Gordon Lepisto, Minnesota, also finds that Gro-lux lights bleach the colors of his rex Begonias while the cool white tubes bring out more brilliant color and more beautiful leaves.

Gloria Wakefield, Illinois, raised her lights quite a bit, too, as her plants were "bunching" and "squatting," reporting good results.

Mary Griffith, Maryland, found her miniature rex, B. 'Granny', wasn't thriving so she repotted it deeper and moved it toward the center of the tubes and it has been blooming like mad.

Dora Lee Dorsey, Florida, says leaves seem to stay smaller for her on Begonias grown in bowls or terrariums. Her *B. versicolor* in a snifter keeps very small leaves but when she grew it on her greenhouse bench, it had much larger leaves

nearly the size of *B. pustulata* and *B. imperialis*.

Anita Sickmon, Kansas, has three bowls stacked one on top of another: *B. versicolor*, in 12" bowl on bottom, *B. rajah* in 10" bowl in middle, and *B. ficicola* in 10" bowl on top. *B. ficicola* came to her as a small leaf with a very short stem. She put it in a small bowl of coarse sphagnum and it stood in a dark corner for over a year. It rooted but did nothing more. She decided she would either kill it or get it to grow so she moved it to her south, curtained, kitchen window and it immediately sent up plantlets, tho it still does not have as large leaves as the one she saw at Hazel Harmon's two years ago. In the winter this south window gets lots of bright sun through curtain but other than growing towards window, the three Begonias seem to like it there.

Gloria said she does have B. 'Bow Joe' growing uncovered in a 6" glass pitcher, near a window upstairs where she can live with it.

Rosetta White, Kansas, thinks she has saved a good share of her rexes from going dormant by repotting them in the fall as she had been advised to do by California experts. However, next year she will repot them in September instead of waiting until October as she believes they need more of a chance to start new growth before cold weather arrives, which comes earlier in Kansas.

Arline Peck, Rhode Island, advises: if your rex plants do go dormant just put them in subdued light and keep "dry-moist." They should resprout in spring if rhizome is firm. They do not like it cold but can stand

cooler conditions than when they are growing.

Many robin members are joining in an experiment to see how many Begonias (other than the rhizomatous) will grow plantlets from a rooted leaf cutting (leaf petiole cut at random with no part of plant stem attached). Yvonne Wells, Texas, has grown plantlets from a leaf of *B. serratifetala*, a leaf of *B. Peruvian species* (lovely hirsute Begonia), as well as others. Anita has grown plants of *B. 'Exotica'* from pieces of its leaves. Many cane-type Begonia hybrids, having rhizomatous ancestors (such as some of the Kusler hybrids), grow plants easily from leaves. Dora Lee is trying a leaf of *B. 'Peggy Stevens'* since it has *B. goegoensis* in its background. *B. 'Dancing Girl'* leaves have rooted for her but she has never had plantlets grow from one.

On June 1, 1972, John Yochum, Indiana, set two leaves of *B. olsoniae* in perlite/vermiculite mixture and both formed a tremendous root growth but no plantlets in the normal period of time. Now, after approximately six months, parent leaves are showing plantlets.

Arline said a friend told her about never having much luck with *B. paulensis* until she took a rhizomatous cutting and planted it right in sphagnum moss. Arline tried it and it seems to be getting new leaves very quickly.

Peg Belanger, Rhode Island, is experimenting with rooting Begonia leaves in a handful of foam rubber, the shredded kind, dampened with half-strength Rapid-Gro.

Jeannine Whatley, Texas, lines

her shelves in greenhouse with pine bark which she keeps wet to keep humidity up in summertime.

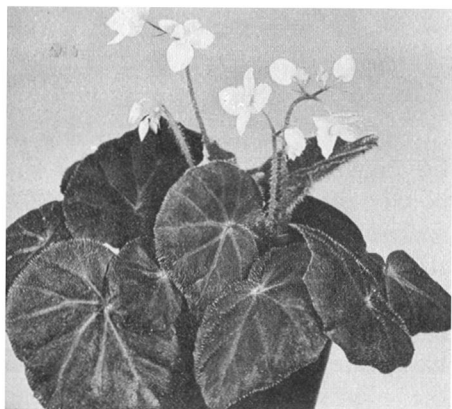
Vivian Stewart, Washington, promised some pictures in robins of comparison plants she is growing in her regular mix and in fir bark she bought for an orchid transplant. She soaked bark in fertilizer water and since has alternated feeding with Micra-aid, Hyponex and Millers Booster powder. The plants in the bark have grown so much more than the plants in the usual mix. She wonders if it can be due to the roots having easier traveling access to more area . . . so why not better plants in rocky soil, having noticed in woods that many ferns grow on a rocky hillside where there is a water seepage that will drain away quickly but still leave plenty of moisture.

Louise McCree, Texas, noticed lots of sowbugs and outdoor roaches out where she lives in the country so she expected a deluge of them when cold weather arrived. As soon as she began to see them in greenhouse, she started putting out roach bait and discovered that it was killing sowbugs, too. The Echols bait was the one that worked; another she tried did nothing that she could see.

Do you like to experiment with your plants, too? If so, join in the fun of the Round Robins. You'll get fresh ideas to make your Begonia growing more exciting. Just write me soon.

Mrs. Mae Blanton
Round Robin Director
Rt. 4, Box 159A
Lewisville, Texas 75067

CLAYTON M. KELLY SEED FUND



No. 1—*B. sp. 1059*. Frankfort, Germany. Section Pritzelia.

Small, rhizomatous plant with white flowers. See picture and would like for some one to identify this Begonia. Price \$1.00 per pkt.

No. 2—*B. ramentacea*

Rhizomatous. This is NOT the plant known as *B. sementacea* or *B. samentacea*. Price \$1.00 per pkt.

No. 3—*lubbersii*—Brazil.

Exotic Begonia with silver-splashed, dark leaves and is unlike any other Begonia. Has a peltate leaf, pointed at the top and bottom, with the surfaces patterned in silver blotches. Has the rare look of *Caladium humboldtii*, with its boat-shaped leaves that will not show silver spots at first. Flowers and fruits very large-flowers white and fruits lightish green. Good Begonia easily grown as an upright or hanging type. Price \$1.00 per pkt.

No. 4—*B. evansiana*—China.

To one foot or more tall; stems are erect, bulbils form in the leaf axils. Hardy plant and if grown in open ground, the bulbils will drop to the ground and new plants will appear

from them in the spring. Leaves are medium size, to six inches long, and slightly more than half the size at the base, narrowing toward the pointed tip, and are green with purple veins. The flowers are large, bright pink in forked, axillary and terminal clusters. Price 50 cents per pkt.

No. 5—*B. pustulata* x *B. evansiana*.

A hybrid by Woodriff (California) some of the plants will be like *B. pustulata* but we have no idea as to the percentage. Price 50 cents per pkt.

No. 6—*B. veitchii*.

Tuberous species, summer flowering and not often seen. Large vermillion flowers. Price 50 cents per pkt.

No. 7—*B. cinnabarina*.

Means cinnabar-red. Large, fragrant, vermillion flowers. Upright tuberous species. Price 50 cents per pkt.

No. 8—*B. 'Glorie de Lorraine'*

Also known as *B. X 'Cheimanthra'* or Christmas Begonia. It is *B. socotrana* X *B. dregei* and is best grown when kept cool — 70 degrees by day, 60 degrees by night, in a draft free, humid but fresh air — the soil constantly moist, but not soggy. Give plenty of light and some sunlight but not through a glass window. Price \$1.00 per pkt.

③ No. 9—*B. molleri*—W. Africa.

Magnificent trailing plant with symmetrical, oval, shiny leaves and flowers the whole year through. See photo in Jan. 1973 The Begonian. Price \$1.00 per pkt.

No. 10—*B. sc* 'Partygirl'

New from Germany. Good, hardy type with carmine—rose flowers—Out doors for bedding or in pots. Takes adverse summer weather. Price 50 cents per pkt.

No. 11—*B. sc* 'Christmas Cheer' red.

Very large, green leaves; cherry-red flowers. Good outdoor, colorful semperflorens. Price 50 cents per pkt.

GREENHOUSE PLANTS

Gesneria macrantha (*Rechsteineria cardinalis*)

Brilliantly flowered, tuberous plant with round cordate, emerald green, velvety leaves topped by large, curved tubular flowers, white-downy over brightest scarlet, throat markings purple. Price 50 cents per pkt.

Hohenbergia stellata (*Bromeliad*)

Handsome plant with purple flowers, golden-green leaf, vase-like growth, sun. This is an outstanding plant for use in patio in summer. Comes from Venezuela. Price 50 cents per pkt.

Please send request for seed to;
Mrs. Florence Gee
Seed Fund Administrator
234 Birch Street
Roseville, California 95678

Please include complete return address with orders.

PUBLICATION NOTICE

All material for publication — articles, notices, photographs — should be sent to the Editor, preferably five weeks before date of publication. Deadline is the first of the month preceding month of publication.

Advertising copy and inquiries should be sent to the Advertising Manager.

BEGONIA SHOWS

(Continued from Page 81)

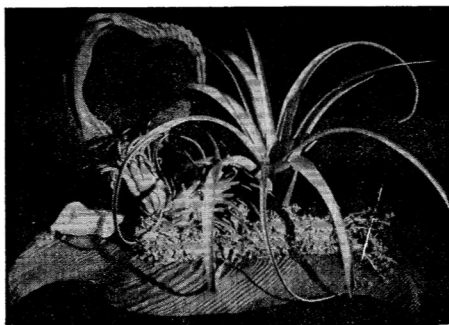
The name of an ABS-accredited Senior Judge was omitted from the list published in the March issue of the *Begonian*. Please add to your list: Mrs. Vera Naumann, 346 North Leland Avenue, West Covina, California 91790.

Also add as a Sophomore Judge: Mrs. R. B. Isner, P. O. Box 46, Williamstown, West Virginia 26187.

And correct the spelling of Junior Judge Pearl Benell.

Mimeographed lists of the ABS-accredited Judges are available. Show committees may obtain copies by writing Ruth Pease, Director, ABS Judges Course, 8101 Vicksburg Avenue, Los Angeles, Ca. 90045.

Ruth Pease



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BRANCH NOTES & CALENDAR OF EVENTS

Whittier Branch — Thursday, April 5, 1973, 7:30 p.m. Speaker, Jean Kerlin. Topic: Begonias for Everyone. Jean is always a most delightful speaker and we are looking forward to a very special evening.

Westchester Branch — April 5, 1973, 7:30 p.m. Once again, we are delighted to present the charm, wit and talents of Mrs. Sylvia Leatherman, nurserywoman and long-time grower-hybridizer of Begonias and Ferns. Mrs. Leatherman never fails to amuse and educate her listeners, and this program should be no exception as she speaks of and demonstrates the "Various Methods of Propagating Begonias." Everyone is welcome to visit Westchester and learn.

San Gabriel Valley Branch — April 13 — John Eckstrand, speaker.

Miami Branch — April 24th. Member Irene Webster will demonstrate "The Fun of Propagating Begonias." April 28th and 29th. Miami Branch Begonia Show. Open show for begonia and other shade plants will be held at Fairchild Tropical Garden, Miami. Raymond Weakley is Show Chairman. Everyone is warmly invited to participate and attend.

Rubidoux Branch — Rudolf Ziesenhenné will present a program on Begonias at the April 26th meeting. The meeting will be held at the West Riverside Memorial Hall — 4393 Riverview Drive, Rubidoux at 7:30 p.m. The plant table will be supplied by Mr. Ziesenhenné.

April 28 & 29 — Free "Orchids for Amateurs" show at Alondra County Park Community Building, 3535 Redondo Beach Boulevard, Lawndale. The show will include mass display of growing Orchid plants plus individual plants entered for ribbon judging. Show hours: Saturday April 28: 1 p.m. to 10 p.m.; Sunday, April 29: 11:00 to 7 p.m. Special-Photographers Only Time; Sunday 9 to 11 a.m. This is the 13th Annual Show sponsored by the South Bay Orchid Society, Inc.

Whittier Branch — Thursday, 7:30 p.m., May 3, 1973. Speaker will be John Provine, horticulturist at the Los Angeles County and State Arboretum who will discuss begonias grown at their greenhouses and outside gardens.

San Gabriel Valley Branch — May 11 — Del Welhite will speak on "Interludes from Jungle Trails". He has made numerous trips into lower Mexico and Central American areas, the last one two months in late 1972. He spent some time with five different Indian tribes and has many fascinating stories to tell.

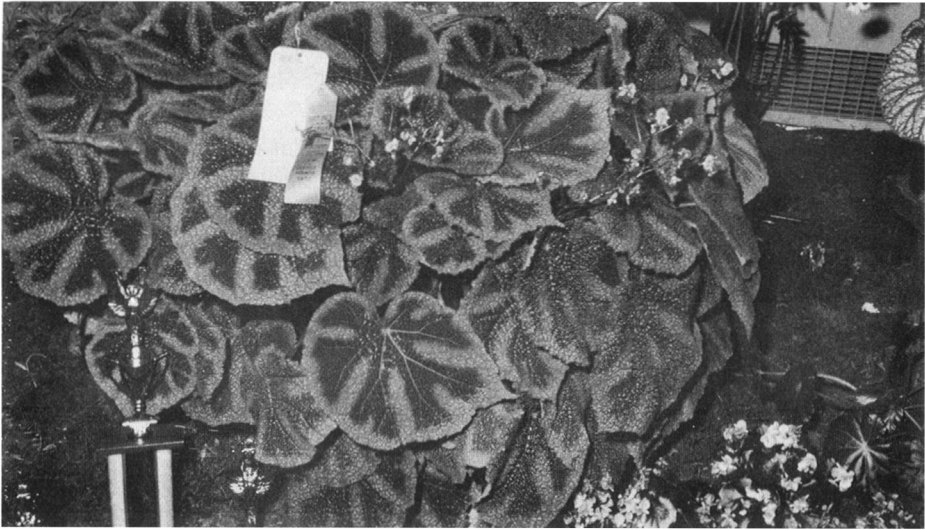
Please contribute Slides of Begonias to the A.B.S. Slide Library.

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Full Page	\$30.00	\$25.00
Half Page	18.50	15.00
Quarter Page	10.00	8.50
Per Inch	3.00	2.50

B. MASONIANA

By Phyllis Wright
Seattle Begonia Society



Can any member of A.B.S. top this plant of 'Iron Cross'? Of all the Begonia shows we have attended in the Seattle area it is the largest and most beautiful grown of its kind that we have seen.

The plant was started by Phil Aaron of the East Side A.B.S. and given to Herb Warrick when it was about two years old. The plant was about 4 years old when this picture was taken at the show last year. Planted in a 20 inch wooden tub, the diameter of the leaf body measured 4 feet, the leaves which had beautiful color and good texture, measured 10 and 11 inches. It had a lot of bloom but this had reached its peak at this time.

Herb had grown this specimen plant in an open greenhouse where the humidity was high, and the temperature was 70 to 75 degrees. The bottom of the pot stood about 18

inches from the floor. Much to Herb's distress, the plant in all of its beauty became too large for his greenhouse, so it was taken over to Bellevue A.B.S. and sold at their plant table, in 1972.

Needless to say, masoniana will be greatly missed at the Seattle show this coming year. We all wish this lovely plant good luck and continued happy growing.

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REGISTRATION OF B. CULTIVARS

Note: The American Begonia Society is the International Registration Authority for the genus *Begonia*. Information may be obtained from Rudolf Ziesenhenné, 1130 N. Milpas St., Santa Barbara, CA 93103.

No. 332—*Begonia* (*kenworthyae* X *bowerae*) 'Dark Forest'

An upright rhizomatous miniature with elongated ivy star-shaped leaves, 1 x 2 inches, was developed by Chester F. Nave, 2555 West Ave. 134, San Leandro, CA 94577 in 1965, first bloomed in 1967, and was first distributed by the originator in 1969. The leaf margin is hairy, the texture heavy-waxy, the stipules persistent, drying, and color smokey, orange or brown. Blooms in the spring. Registered Aug. 22, 1972.

No. 333—*Begonia* (*kenworthyae* X *bowerae*) 'Bowtique'

Crested leaves of an exaggerated grape-leaf shape, $2\frac{1}{2}$ x 3 inches, the margin wavy, with dark spots characterizes this begonia originated by Chester F. Nave, address above, in 1969. It first bloomed in the spring of 1970. With a heavy crisp texture and veins radiating from the crested petiole, the miniature leaves are green with black spots on the edge. Registered Aug. 22, 1972.

No. 334—*Begonia* (parents unknown) 'Christine'

Susie Zug first developed this star rhizomatous begonia with unequal heartshaped, 5-lobed leaves in 1966 and first distributed it in 1967. The $3\frac{1}{2}$ x $4\frac{1}{2}$ inch leaves are pea green, patterned irregularly with maroon. The leaf margin is toothed and hairy,

the texture smooth, the green veins 7-nerved. The petioles, 4 inches, are long hairy and red spotted; stipules are keeled with a hair point. Flowers have not been seen. Available 1973 from various growers. Registered Nov. 26, 1972.

No. 335—*Begonia* ('Nora Bedson' X *Mexican Species*) 'Frances Fickewirth'

This rhizomatous plant with plain, unequal heart-shaped leaves, $6\frac{1}{2}$ x 5 inches was developed in 1968 and first distributed in 1972 by Helen Shortt, 14701 Los Angeles St., Baldwin Park, CA 91706. The leaf margin is finely toothed hairy, the texture smooth dull, with nine veins. Petioles are red-spotted, thinly-hairy; stipules are triangular keeled and dry quickly. Leaf color pea green, with secondary nerves bordered with maroon. Blooms pink in winter. Available from various growers in 1973. Registered Nov. 26, 1972.

No. 336—*Begonia* ('Manda's Woolly Bear' x 'White Semperflorens' and 'Red Lucerne') 'Lucille Rolfe'

Developed in 1968, first bloomed in 1969, and first distributed in 1970, this showy cane, tall, shrubby, originated by Mickey Meyer, Yuppura St., Tathra, N.S.W. 2550, Australia, is available from her. The dark green leaf is oval, larger at top, 2 x 3 inches, with smooth margin and glossy texture, faintly woolly underneath. The petiole is short. It blooms almost all the year, on two inch stems at leaf nodes, small, freely arranged pink and white flowers in clusters; needs a loose, dry medium;

will grow out-of-doors in sheltered place. Registered Jan. 19, 1973.

No. 337—*Begonia* (unknown x unknown) 'Merinda'

Mickey Meyer, address above, developed this intermediate, shrubby cane in 1971; it first bloomed in the summer of 1972 with white small flowers in clusters, on four to six inch stems, upright and open, at the upper nodes, arranged tall above the plant. Leaves are almost triangular and slightly cupped, 2 x 3½ inches, slightly crested, texture waxy and glossy, with veins deep red at the back; color olive green on top, red at back. Available from Mrs. Meyer. Registered Jan. 19, 1973.

No. 338—*Begonia* (maculata wightii X olbia) 'Corella'

A cane-like plant with unusual leaves like an ivy geranium, white spotted on a nice green, was developed in 1971 by Mickey Meyer, address above. The leaves grow to 3 inches, with slightly-fluted margin, waxy, only slightly glossy texture, with paler sunken veins. Blooming in summer with small, scanty, creamy and some yellow, flat and open flowers on 2-inch stems where the new growth starts, the plant is available from Mrs. Meyer. Registered Jan. 19, 1973.

No. 339—*Begonia* ('Weltoniensis' X unknown) 'Kylie'

Developed by Mrs. Mickey Meyer (address above) in 1971, first bloomed in 1972, and first distributed in 1973, this cane-like begonia, intermediate and shrubby, has roundish, fluted leaves, 2 x 3 inches, margin smooth, with slight nicks, texture light and thin; apple green, with red

at edge. Blooms throughout summer in a drooping array of small white flowers on quite short stems. Available from Mrs. Meyer. Registered Mar. 6, 1973.

No. 340—*Begonia* ('Spaulding' x 'Joe Hayden') 'Bernice Decker'

A sharp-pointed star-leaved rhizomatous begonia originated by Bernice Decker, 18350 S. W. 214 St., Miami, Fl. 33157, this plant is available from Paul P. Lowe, 23045 S. W. 123 Rd., Goulds, Fla. 33170. Developed in 1969, first distributed in 1973, the plant first bloomed in 1972 in early summer, pink, on 5-inch stems. The leaf is 3" across, margin plain, texture satiny, veins green, a dull black with dark red underside. Registered Mar. 7, 1973.

(No. 319—*Begonia* 'King Leo', a rhizomatous begonia registered Feb. 23, 1972 and published in *The Begonian*, Vol. 39, p. 202, September 1972, was developed in 1971, bloomed and was available from Paul P. Lowe, address above, in 1972.)

No. 341—*Begonia* ('Chumash' X 'Virbob') 'Petey'

Originated by Paul P. Lowe, ad-

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dress above, in 1971 and first bloomed and distributed in the spring of 1973 by Mr. Lowe, this rhizomatous begonia is shallow-pointed star-leaved, 3 inches, margin slightly eyelashed, texture satiny, light-green veins, color dull green, brown stitching around the edge, lightly dotted with brown all over. Flowers are pink on four inch stems. Registered March 7, 1973.

No. 342—Begonia ('Chumash' X 'Virbob') 'Dr. Spelios'

This star-leaved rhizomatous begonia, originated by Paul P. Lowe, address above, in 1971, first bloomed and was distributed by Mr. Lowe in 1973. The shallow-pointed two-inch leaf, jade green with brown stitching around the edge, is silky textured with green veins. Spring blossoms on 4-inch stems are pink. Registered Mar. 7, 1973.

No. 343—Begonia ('Chumash' X 'Joe Hayden') 'Evening Star'

Black leaved with red underside, star-shaped, with glossy texture and red veins, this rhizomatous begonia originated by Paul P. Lowe, address above, in 1971, first distributed by him in 1973, when it first bloomed in the spring, pink, on 5-inch stems, is available from the originator. Registered Mar. 7, 1973.

No. 344—Begonia ('Chumash' X 'Aries') 'Emerald Lacewing'

An elongated star-shaped leaf, three inch, eyelashed, emerald green, silky textured, with light green veins, characterizes this rhizomatous begonia originated by Paul P. Lowe, address above, in 1972, and was first distributed in 1973; it first bloomed

in the spring of 1973, light pink, on 5-inch stems. Registered Mar. 7, 1973.

No. 345—Begonia ('Gaytime' X 'Pearl de Paris') 'Gay Paree'

Colored bronze overlaid with silver, this rounded, plain-leaved rhizomatous begonia was developed in 1971, first bloomed pink in the spring of 1973, and was first distributed by its originator in 1973, Paul P. Lowe, address above. The 5-inch leaves have slight crinkles, satiny texture with green veins. Registered Mar. 7, 1973.

No. 346—Begonia (conchifolia X 'Pearlii') 'Pink Nacre'

Leaves almost round, smooth and shiny, bronze plated with pearly white and pink underside, this rhizomatous begonia was developed in 1970 by Paul P. Lowe, address above. It first bloomed pink, in the spring of 1972, and was first distributed by the originator in 1973. Registered Mar. 7, 1973.

Rudolf Ziesenhenne
Nomenclature Director



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Y'ALL COME!

All those members of the American Begonia Society who often wished they could attend the Annual Flower Show and Convention "if it wasn't so far away, and so expensive to travel," this year will be able to attend and also enjoy a memorable vacation at a very nominal cost. Mrs. Raymond Cronin in the Boston area, and Jack Golding in the New York area, together with the help of the members of their branches (the Buxton Branch and the Knickerbocker Branch) are diligently working to organize the "Begonia Caravan West to California" for those who want to attend the American Begonia Society Convention and Flower Show, and as an added bonus, the San Francisco Flower Show.

The schedule calls for departure from New York or Boston on Thursday, Aug. 16, 1973. Fly to Los Angeles via jet air coach, with transportation from Los Angeles International Airport to the Hyatt Chalet Motel in Fullerton. (Almost next door to Cal State University in Fullerton, and nearly in the back-yard of Disneyland.) Stay for 8 days — 7 nights.

Aug. 23rd, transfer to San Francisco — Stay at Holiday Inn, Civic Center for 3 days, 2 nights. Return home on Aug. 25th. Total cost for the above, based on double occupancy, only \$345.80 per person. This includes air fare, transfers to and from the motels, and motel rooms. Meals are not included.

There will be many side trips available as extra options, and in addition, arrangements are being made for members of the group to

visit many Begonia gardens. Jack Golding suggests that those wishing to go should make their reservations early, and to help those wanting to pay on the installment plan, to give Midge Grasheim (Mrs. Edmund H., 255 W. 88th St., New York, N.Y. 10024) \$50.00 a month or more, to be saved for the cost of the trip.

Those wanting more information can get in touch with Jack or Mrs. Cronin, whose addresses are on the inside front-cover of the "Begonian."

Everyone attending will enjoy a vacation that will be long remembered. So plan to join the "Caravan" and indulge yourself in the warm Southern hospitality. (Southern California, that is.) But Central California, from the San Francisco Golden Gate to Sacramento will also be there to show you what real hospitality is. *Hasta la vista.*

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BEGONIA MILDEW

By W. Grant McGregor
Member, Research Committee

Powdery mildew on begonias was first seen in Britain in 1938, when a slight attack appeared on plants in a greenhouse at Cambridge. No further outbreaks were recorded until it was seen in Yorkshire in 1950. Since then it has become widespread.

It appears as a powdery coating or patches on leaves, stems and occasionally flowers. These white powdery deposits are large numbers of microscopic spores which become detached and spread the disease. They are produced asexually and formed as chains on the special funga threads and gradually cut off at the top. The author believes the mildew found in Britain differs from that reported from Sweden and Canada and may be a new species.

The difficulty in controlling mildew is stressed. Spraying with dinocap at 3- to 7-day intervals is recommended to check the disease. However with certain varieties of begonias the fungicide may cause slight scorching to the leaf edges. In the greenhouse dinocap smokes are suggested as more easily applied, more effective and less likely to cause dam-

age. If scorching occurs liquid copper or thiram should be used instead but these are not likely to be as effective. Mildew is encouraged by high humidity and greenhouses should be ventilated fully to reduce the amount of moisture in the atmosphere. Plants are believed to be more susceptible to attack by the fungus if they suffer from soil conditions that are too dry.

Reference: A. V. Brooke "Begonia Mildew" Royal Horticultural Society.

From the CO-ED's Desk

"I think The Begonian is doing very well. The fine advanced articles are probably beyond the interest scope of the average growers but a most valuable reference source which has been scarce in the begonia field." . . . Alice Clark, La Jolla. Thank you, Alice. We appreciate your comment, coming from such a knowledgeable and busy person, especially. Several have said they read every word in The Begonian as soon as it comes, except the more technical information! But they admit that we need that type, too. As the "International Authority on Begonias" we want to keep up with the latest findings and are glad to show that we have the top "brains" in the field.

Several have written in asking about the new Rieger elatior begonias. One even said that The Begonian had mentioned them about ten years ago. A bit of research showed that the cover of the November, 1958, magazine was a picture of

(Continued on Page 95)



AMERICAN BEGONIA SOCIETY BOOKLETS

Point Scoring System for Judging
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CONDENSED MINUTES OF THE REGULAR MEETING OF THE BOARD OF DIRECTORS OF THE AMERICAN BEGONIA SOCIETY

The regular meeting of the Board of Directors of the American Begonia Society was held on Feb. 26, 1973, in the South Gate Auditorium. After the usual opening ceremonies, 16 officers and 10 branch representatives answered roll call. The minutes of the January meeting were read and approved. The Treasurer reported receipts \$1,704.18; disbursements \$1,110.91; balance on hand as of February 18, 1973, \$3,863.83. The secretary read a letter from Mrs. Mildred Thompson of the new Long Island Branch expressing appreciation for the generous assistance given them by Ruth Pease. The Membership Secretary reported 138 new members; 222 renewals; total members 2,595; funds received and deposited \$1,459.50; expenses \$47.89. Circulation Manager reported 3,170 Begonians dispersed; total mailing cost \$78.81. Advertising Manager reported receipts \$32.45; unpaid accounts \$32.50.

The Judges Course Director reported; the list of judges registered with the ABS will appear in the March issue of The Begonian. The new Long Island Branch will begin their study of the Judges Course soon. Several members of the Theodosia Burr Shepherd Branch are studying the course also. The Director has been assisting Eastern Branches with their plans for the Eastern Show. Nomenclature Director reported on a visit he had made to a botanic garden in Germany and displayed a picture of a very unusual begonia he had seen there. Research Director's report was read. He had received \$90.00 for the Research Fund, making a balance of \$244.81 in Fund. The T. B. Shepherd Branch had donated \$20.00 in memory of two of their members; the South Carolina Branch donated \$70.00 and the Long Island Branch voted to make a donation each month from their plant sales table.

Round Robin Director reported 15 flights came through and 1 new flight started. At request of the Show Chairman, a motion was made and passed to transfer \$600.00 to the Show Fund to launch their preparations. Public Relations Director reported a new branch being organized in Pennsylvania. The

Eastern Convention and Show will be held on September 14th and 15th. President announced Mr. Walter Hansen would replace Mrs. Hansen on the Nominating Committee and Mrs. Hazel Snodgrass will be chairman.

Walter Barnett displayed a picture of the color covers for Begonian for 4 months. A motion was made and passed to authorize 4 more color covers. A letter from Philip Seitner was read. His suggestion of a cumulative index to the Begonian was discussed with interest. The President-Elect will investigate the practicability of doing it by computer. A motion was made and passed to appoint Mr. Seitner Public Relations representative in his area. An invitation was extended by the San Miguel and A. D. Robinson branches to have a regional Board meeting on May 27 somewhere in the San Diego area. Branch reports were made and meeting adjourned at 9:30.

Irene Grannell, Secretary

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BRANCH DIRECTORY

VISITORS ARE ALWAYS WELCOME AT THESE MEETINGS

BUXTON BRANCH

3rd Saturday, Homes of Members
Mrs. F. N. Sinex
34 Thackery Rd., Wellesley, Mass. 02181

CONNECTICUT BRANCH

4th Sunday of each month
Mrs. Priscella Beck, Secy.
R D No. 1, Box 121,
Mystic, Conn. 06355

DALLAS COUNTY, TEXAS, BRANCH

3rd Monday, 10 a.m., Members' Homes
Mrs. George W. Hopkins, Secy.
1619 S. Beckley Ave., Dallas, Texas 75224

EAST BAY BRANCH

2nd Thursday, 7:45 p.m., Willard School
Telegraph at Stuart, Berkeley, Calif.
Miss Carol E. Orpin, Secy.
428 Norvell Street
El Cerrito, Calif. 94530

EASTSIDE BRANCH

4th Wednesday, 7:30 p.m.
590 116th Avenue N.E., Bellevue, Washington
Diane McElroy
9010 209th Ave., N.E., Redmond, Wash. 98052

EL MONTE COMMUNITY BRANCH

3rd Friday, Members' Homes
Mrs. Gladys Mattuket, Secy.
1801 Azalea Drive, Alhambra, Calif. 91801

FOOTHILL BRANCH

3rd Friday, 8:00 p.m.
First Methodist Church, Marshall Hall
3205 D Street, La Verne, Calif.
Mrs. Marie Schmidt, Secy.
1296 Prospect
Pomona, Calif. 91766

FORT, ELSA BRANCH

1st Saturday, 1:00 p.m.
Miss Lola Price, Secy.
628 Beach Ave., Laurel Springs, N.J. 08044

GLENDALE BRANCH

2nd Tuesday, 8:00 p.m.
Glendale Federal Savings, 401 N. Brand
Mrs. Katharine Alberti, Secy.
3322 Troy Drive, Hollywood, Calif. 90068

GREATER BATON ROUGE BRANCH

Mrs. John H. McKay, Secy.
5116 Baton Rouge Ave., Baton Rouge, La. 70805

HOUSTON TEXAS BRANCH

2nd Friday, 10:00 a.m.
Garden Center, 1500 Herman Drive
Mrs. B. A. Russell, Secy.
5926 Jackwood, Houston, Texas 77036

KNICKERBOCKER BRANCH

2nd Tuesday, 7:30 p.m.
Horticultural Society of N.Y.
128 West 58th St., New York
Miss Margaret Huger, Secy.
505 East 82nd St.
New York, N.Y. 10028

LONG BEACH PARENT CHAPTER

3rd Sunday, 1:30 p.m.
Great Western Savings and Loan Bldg.
6300 East Spring St., Long Beach, Calif.
Eva Johnson, Sec'y
704 E. San Antonio Dr., #3, Long Beach, Ca. 90807

LONG ISLAND BRANCH

2nd Wednesday, 8:00 p.m.
Planting Fields Arboretum
Oyster Bay, Long Island, N.Y.
Annette W. Boree, Sec'y
8 Brown Road, Great Neck, N.Y. 11024

LOUISIANA CAPITAL BRANCH

1st Friday, Sear's Garden Center
6201 Florida St., Baton Rouge
Mrs. Johnnie L. Tanner, Secy.
1962 Cederdale, Baton Rouge, La. 70808

MESQUITE BRANCH

Mrs. Billie Lyles, Secy.
928 Calle Reale, Mesquite, Texas 95149

MIAMI BRANCH

4th Tuesday, 8:00 p.m.
Simpson Memorial Garden Center
55 South West 17th Road, Miami, Florida
Rosamond Meriwether, Secretary
1552 Plasencia Ave., Coral Gables, Florida 33134

MISSOURI BRANCH

3rd Friday, 11 a.m., Member's Homes
Kansas City, Mo.
Mrs. Glenn Lucas, Secy.
Kansas City, Mo. 64109

MONTEREY BAY AREA BRANCH

4th Wednesday, 8:00 p.m.
Lighthouse and Dickman Sts., New Monterey, Calif.
Mrs. Esther Eberle, Secretary
240 Grove Acres, Pacific Grove, Ca. 93950

NORTH LONG BEACH BRANCH

2nd Friday, 7:30 P.M., 5535 Stearns, Long Beach,
Glendale Federal Savings and Loan Bldg.
Barbara Welty, Secy.
4741 Hazelbrook
Long Beach, Calif. 90808

ORANGE COUNTY BRANCH

2nd Thursday, 7:30 p.m.
First Christian Church,
1130 E. Walnut Street, Orange, California
Dorothy Porter, Secy.
19151 Lomita, Orange, Ca. 92667

PHILOBEGONIA BRANCH

2nd Friday, Members' Homes
Mrs. Anne Stiles, Secy.
East Delaware Trail, R.D. No. 2, Medford, N.J. 08055

PORTLAND BRANCH

Mrs. R. D. Morrison, President
5305 S.W. Hamilton St., Portland, Oregon 97221

REDONDO AREA BRANCH

4th Friday, 7:30 p.m.
R. H. Dana School Cafetorium
135th St. and Aviation Blvd., Hawthorne, Calif.
Mrs. Juanita Spunaugle, Secy.
4248 Mentone Ave.
Culver City, Ca. 90230

RHODE ISLAND BRANCH

1st Saturday, Homes of Members
Miss Marcella Flynn, Secy.
7 Fairfield Ave., East Providence, Rhode Island 02914

ROBINSON, ALFRED D. BRANCH

2nd Tuesday, 10:30 A.M. Homes of Members
Mrs. Frances King, Secretary
3327 - 28th St., San Diego 92104

RUBIDOUX BRANCH

4th Thursday, 7:00 p.m. West Riverside Memorial Hall
4393 Riverview Drive Rubidoux, Ca.
Dorothy Ansevic, Sec./Treas.
4063 Opal St. Riverside, Ca. 92509

SACRAMENTO BRANCH

3rd Tuesday, 8:00 p.m., Garden Center
3300 McKinley Blvd., Sacramento, Calif.
Mrs. Dora Hale, Secy.
9770 Carmencita Ave.
Sacramento, Ca. 95823

SALINE COUNTY BRANCH OF KANSAS

4th Monday, 2:00 p.m., Homes of Members
Mrs. George Smith, Secy.
916 Park St., Salina, Kansas 67401

SAN FRANCISCO BRANCH

1st Wednesday, 8:00 p.m., Garden Center
Golden Gate Park, 9th Avenue and Lincoln Way
Mrs. H. C. Banks, Secy.
1279 35th Ave., San Francisco, Ca. 94122

SAN GABRIEL VALLEY BRANCH

2nd Friday, 8:00 p.m.
 Los Angeles State and County Arboretum
 501 N. Baldwin Ave., Arcadia, Calif.
 Mrs. Alice Broadhag, Secy.
 9619 Broadhag, Temple City, Ca. 91780

SAN MIGUEL BRANCH

2nd Wednesday, Porter Hall, 7:30 p.m.
 University & La Mesa Blvd., La Mesa
 Mrs. George Bayse, Sr., Secy.
 2347 Langmuir St., San Diego, Calif. 92111

SANTA BARBARA BRANCH

2nd Thursday, 7:30 p.m.
 Santa Barbara Museum of Natural History
 2559 Puente Del Sol
 Miss Gladys M. Grant, Secy.
 460 Mountain Dr., Santa Barbara, Calif. 93103

SANTA CLARA VALLEY BRANCH

4th Thursday, 8:00 p.m.
 Northern Calif. S & L Assn.
 10250 South Sunnyvale-Saratoga Rd.
 Cupertino, Ca.
 Mrs. Elizabeth K. Sayers, Secy.
 369 Ridge Vista Ave., San Jose, Ca. 95127

SEATTLE BRANCH

3rd Tuesday, 7:00 p.m.
 Calvary Lutheran Church
 7002 23rd Ave., N.W.
 Mrs. Ray Hodgkinson, Secy.
 11257 Evanston Ave., No. Seattle, Wash. 98133

SHEPHERD, THEODOSIA BURR BRANCH

1st Tuesday, 7:30 p.m.
 Y.M.C.A. Bldg., 5200 Telegraph Rd., Ventura, Calif.
 Mrs. Hattie Lee Keller, Secy.
 510 E. Yucca St.
 Oxnard, Calif. 93030

SMOKY VALLEY BRANCH

4th Thursday, 7:30 p.m., Members' Homes
 Mrs. Henry Flaherty
 606 South Third, Salina, Kansas 67401

SOUTH SEATTLE BRANCH

4th Tuesday, 7:30 p.m., Wm. Moshier Field House
 430 South 156th Burien
 Helen Harbord, Sec'y
 17859 S.E. 196th Dr., Renton, Wash. 98055

TARRANT COUNTY BRANCH

2nd Monday, 10:00 a.m., Members' Homes
 Mrs. R. M. Bennisson, Secy.
 Rt. 2, Box 155 Dickinson, Texas 77539

TEXASTAR BRANCH

3rd Thursday, 10 a.m., Garden Center
 1500 Herman Dr., Houston, Texas
 Mrs. V. O. Harman, Secy.
 306 Cody, Houston, Texas 77009

WESTCHESTER BRANCH

1st Thursday, 7:30 p.m., Westchester Women's Club
 8020 Alverstone St., Los Angeles, Calif.
 Ramona Greb, Secy.
 441 Hillside Lane, Santa Monica, Ca. 90402

WESTERN PENNSYLVANIA BRANCH

2nd Wednesday, 11:00 a.m. every other month
 Pittsburg Garden Ct., 1059 Shady Ave., Pittsburg, Pa.
 Mrs. Genevieve Allison, Secretary
 Butler, Pennsylvania

WHITTIER BRANCH

1st Thursday, 7:30 p.m.
 Palm Park Community Center
 5703 South Palm Avenue, Whittier
 Miss Anne Rose, Secy.
 14036 Ramona Drive, Whittier, Calif. 90605

WILLIAM PENN BRANCH

4th Tuesday, Noon Homes of Members
 Mrs. Stuart J. Bracken, Secy.
 727 Mt. Moro Rd., Villanova, Pa. 19085

From the CO-ED's Desk

(Continued from Page 92)

B. 'Reiga'. But it is one of the Rex group put out by the Teupel Brothers of Germany. These Rieger begonias are from Germany, but are the result of work with the tuberous doubles, trying to find a colorful and hardy begonia to grow in the house during the winters of northern Europe. They have fairly recently come to this country but since there is only one distributor commissioned to sell them to retailers they are progressing very slowly—and are very expensive.

One of our begonia experts, "Pinky" Harrison, had a beautiful exhibit at the annual Fern Show in Brookside Park in Pasadena. Hanging above the exhibit opposite the entrance was a *Davallia fijiensis major* that must have been about ten feet across. And below it was a row of brilliant red flowered begonias. My first thought was that they were Chester Nave's B. 'Gigi.' Closer inspection, however, showed that they had larger flowers and also larger leaves, like a gigantic *semperflorens*. Inquiring of the attendant I found they were the new Rieger Schwabenland Red. "Pinky" said he got them from Pollard's Gardens in Glendora, and Pollard's said they had had 150 but only three were left. They cost \$6 to \$8 for a 6" pot and \$10 to \$15 for an 8" size.

We hope to have a good story all about these wonderful plants soon in *The Begonian*."

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