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Editor.....Mrs. Mae Tagg
2123 W. West Ave., Fullerton, Calif. 92633
Eastern Editor.....Mrs. Hertha Benjamin
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Southern Editor.....Mrs. Don Wagner
3074 Seeland St., Baton Rouge, La. 70808
Northwestern Editor.....Richard Hammond
9401 26th Ave., S.W., Seattle, Wash. 98106
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The purpose of this Society shall be: To stimulate
and promote interest in Begonias and other shade-lov-
ing plants; To encourage the introduction and develop-
ment of new types of these plants; To standardize the
nomenclature of Begonias; To gather and publish in-
formation 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.

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

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FROM THE PRESIDENT

This is the fifth month that my message has dealt with the proposed dues increase. Many have taken this opportunity to write very interesting letters, expressing your views. I sincerely hope you will continue to write. You are members of an organization, not magazine subscribers.

This month the ballot is enclosed. It is colored to make it easy to find, and will tear at the binding so that your magazine will not be damaged. The return postage is paid so that there is no reason you can't return it TODAY. Tear it out, put an X in the square of your choice, and mail it before you forget. If you wish to save the A.B.S. money, you may put a 5c stamp on the card. This will save the A.B.S. paying 6c postage due.

Please do not write on the card, except to put an X in one of the squares. The ballots are destroyed after the vote is counted and recorded. When you write, use a separate letter so that your comments can receive the attention they deserve.

This is my last opportunity to remind the members that the generous donations of three branches and many individual members have been our only means of maintaining the present quality. The Board of Directors gave a lot of thought and discussion to the amount of increase to propose. As the ballot shows, the increase would be from \$2.50 to \$4.00 per year. We hope that by increasing dues by \$1.50 per year, it will be possible to increase our membership benefits. The first fifty cents will just allow us to maintain our present standards without bankruptcy. If the increase is passed by the members, an increase in *The*

COVER PICTURE

Begonia semperflorens cultorum 'Calla Lily'—a semp. Plant grown by Mrs. Lewis Reese of Bellflower, California.

Photo by Ken Garrison Clarke

Volume 35 • April, 1968

Begonian to 24 pages has already been approved. Other departments need assistance too. The Slide Library shows the lack of funds seriously. In the past, this has been a source of interesting programs for many of the branches. Some of our members-at-large have given programs on *Begonias* to their local garden groups—an excellent way to spread the word about the A.B.S. We need to print a revised *Buxton Check List*, but lack the capital outlay necessary. We have plans for a show and classification guide, with several people working hard on the assumption the funds will be there to publish their work. Another group is working just as hard to gather information for a really comprehensive manual on culture of *Begonias*.

Many of you have written that you want to see the A.B.S. grow. This is your opportunity to help it grow, by voting for the funds to operate a 1968 organization. We cannot continue to operate on 1951 income. The officers have volunteered to insert the ballots themselves in order to save the \$20 the printer would charge for this service. These officers could do more for their own jobs with no need for this kind of work. Show the officers you appreciate their efforts for you; express your confidence in their abilities by voting.

In accordance with the bylaws, the issue which contains the ballot is being mailed before March 27. The ballots must be returned by April 26 to be counted. The count will be officially declared at the next meeting of the Board of Directors on May 27. If the motion carries, the increase in dues will be effective after publication in the June *Begonian*. After the effective date, those who are renewing will pay the increased rate when their dues come due again.

Remember that the only change you are voting on is the amount of dues. Read the "Ballot Instructions" on page 76 carefully and then VOTE! It's important to all of us.

Chuck Tagg

BEGONIA LEAVES

By FRED A. BARKLEY

Northeastern University, Boston, Massachusetts

AND KALIL S. BOGH DAN

Rockport Senior High School, Rockport, Massachusetts

One of the first things that a student finds out about a leaf of a flowering plant is that the typical (and complete) leaf is composed of blade or lamina, leaf-stalk or petiole, leaf base, and stipules. Therefore, the leaves of *Begonia* may be said to be typical for flowering plants.

In their external shape or morphology, *Begonia* leaves do vary through wide extremes. They may be lanceolate, ovate, deltoid, orbicular, elliptical or oval. The margin of the lamina may be entire, undulate, crenate, repand, dentate, serrate, or even variously lobed. The lamina varies in size from a quarter of an inch to over a foot in length. While the lamina is usually simple, some species as *B. carolineaeifolia*, Regel is palmately compound. The petiole is usually inserted at the margin of the lamina, but in many species there are peltate leaves as those of *B. peltata*, Otto. & Dietr. The petiole may be almost entirely absent as in the sessile leaves of *B. foliosa*, HBK, or may be over six feet long in some species as seen in some specimens of *B. nelumbiifolia*, Cham. & Schlecht. The petiole of most species is usually subcylindrical with a more or less flattened groove on the upper surface, but it may be much flattened and even slightly winged as in *B. herbacea*, Vell. The lamina is usually palmately veined, although in many species there is a midrib from which the upper lateral veins arise. Typically *Begonia* leaves are decidedly asymmetric, even when peltate, but the asymmetry may be difficult to see if the leaf is narrowly lanceolate as in *B. herbacea*, Vell. In *B. socotrana*, Hook. f. some of the leaves are transformed (in development) into terete sessile scales in the bulbs that they form. Many species have rough bul-

late surfaces to the lamina, as in *B. pustulata*, Liebm. and *B. acida*, A. DC., while others are smooth and shining. The leaves range from completely glabrous to the smooth heavy velvet-like pubescence of *B. acetosa*, Vell. The trichomes or hairs that occur on the leaves (and stems) is a special subject in itself. The stipules may be very small and inconspicuous, often caducous or at least falling rather soon, but in others may be very conspicuous, even ensheathing the stem, as the stipules of *B. venosa*, Skan. ex Hook. f. They may be very persistent even remaining long after the leaf has dropped and even after the stem is dead. In most cases the leaf base is slightly flattened and widened, in a few cases it is slightly thickened on the lower surface.

The ability of *Begonia* leaves to form embryonic plants in various positions is a subject that deserves much additional physiological, as well as developmental morphological study. Some species form these on cut veins or on the callus that forms at the base of an excised and planted leaf. In many cases embryonic plants may be formed along the petiole especially at the contact with the soil surface. An actual study of such production of both the callous tissue and the embryos should be undertaken.

DESCRIPTION OF FIGURES

Figures 1 - 9. Leaf outlines of various *Begonia* leaves showing a little of their variation.

- Fig. 1. *B. angulata*, Vell.
- Fig. 2. *B. foliosa*, HBK.
- Fig. 3. *B. carolineaeifolia*, Regel.
- Fig. 4. *B. diadema*, Linden.
- Fig. 5. *B. peltata*, Otto. & Dietr.
- Fig. 6. *B. oxyphylla*, A. DC.
- Fig. 7. *B. herbacea*, Vell.
- Fig. 8. *B. schmidtiana*, Regel.
- Fig. 9. *B. venosa*, Skan. ex Hook. f.



FIGURE 1



FIGURE 2



FIGURE 3

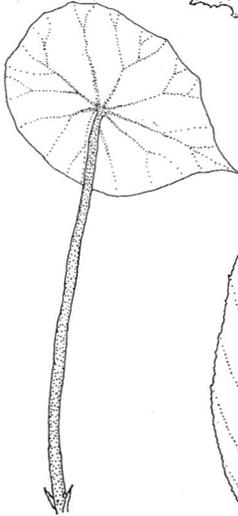


FIGURE 4

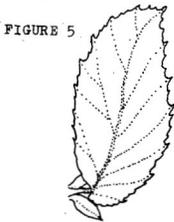


FIGURE 5

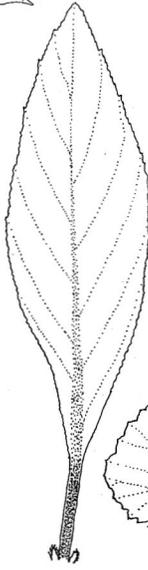


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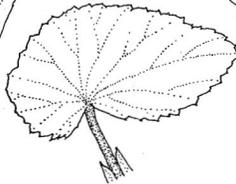


FIGURE 7

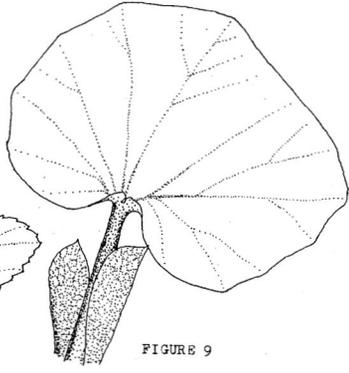


FIGURE 8

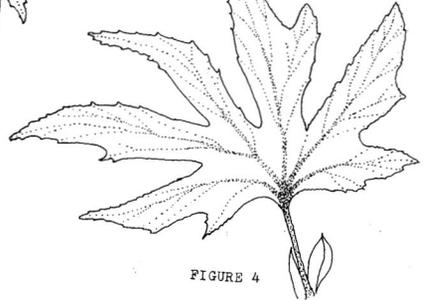


FIGURE 9

The internal anatomy of the leaves of *Begonia* is perhaps the most interesting part of the study of *Begonia* leaves. One finds that typical leaves of flowering plants have a single layer of epidermis covering the upper and lower surfaces of the lamina, and a layer of very elongated and closely packed palisade chlorenchyma cells against the upper epidermis (between the veins) and several layers of very loosely arranged spongy chlorenchyma against the lower epidermis (between the veins). The palisade and spongy chlorenchyma then fill the regions between the veins and the upper and lower epidermis of the leaves. This typical condition may be found in many species of *Begonia* as *B. rex*, Putz (Fig. 10), *B. cathayana*, Hemsl., *B. evansiana*, Andr. (Fig. 11), *B. acida*, A. DC., *B. pustulata*, Liebm., *B. imperialis*, Lem., *B. purpurea*, A. Cheval. and *B. goeogensis*, N. E. Br. for example. However, the palisade parenchyma is much shorter in most species of *Begonia* than in most flowering plants, is less tightly packed, and in all of the species studied are usually more conical than typical. In some species of *Begonia* a layer of colorless cells is found under the upper epidermis as in *B. parilis*, Irms. (Fig. 12), a layer of "water storage" cells, that anatomists say is produced by a division of the epidermal cells during the development of the leaf, and that there then exists a double upper epidermis. In still other species, a double epidermis is found at both surfaces of the leaves, for example in *B. paulensis*, A. DC. (Fig. 13), *B. schmidtiana*, Regel, *B. convolvulacea*, A. DC., *B. carolineaefolia*, Regel, *B. squarrosa*, Liebm. (Fig. 14), *B. incana*, Lindl., *B. mannii*, Hook. (Fig. 15), and *B. velloziana*, Brade. In some species, such as *B. hydrocotylifolia*, Otto ex Hook. f. and *B. acetosa*, Vell. (Fig. 16), this increase of layers of epidermis is continued until five or six layers may be found. Such an increase in layers of epidermis is rare in other plant families. However, in the *Piperaceae*, *Peperomia* is reported

to have even more layers of epidermis than found in any species of *Begonia*.

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DESCRIPTION OF FIGURES

Figures 10 - 16. Cross section drawings of *Begonia* leaves, X 100. The sections are taken from between the veins. The palisade and spongy chlorenchyma are shaded for contrast with the epidermal layers.

- Fig. 10. *B. rex*, Putz.
 Fig. 11. *B. evansiana*, Andr.
 Fig. 12. *B. parilis*, Irms.
 Fig. 13. *B. paulensis*, A. DC.
 Fig. 14. *B. squarrosa*, Liebm.
 Fig. 15. *B. mannii*, Hook.
 Fig. 16. *B. acetosa*, Vell.

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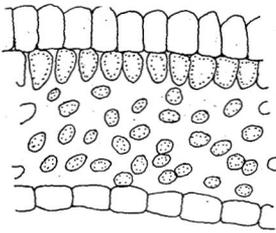


FIGURE 10

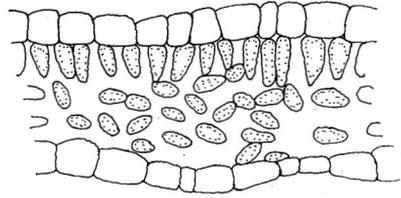


FIGURE 11

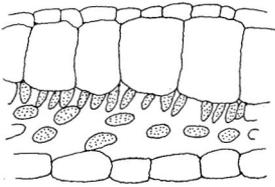


FIGURE 12

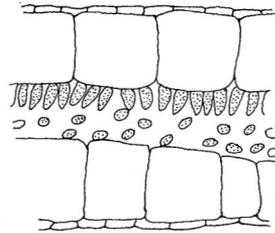


FIGURE 13

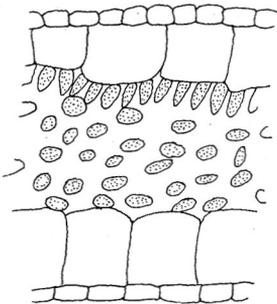


FIGURE 14

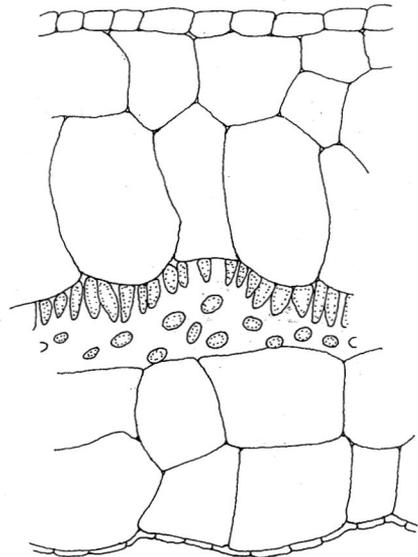


FIGURE 16

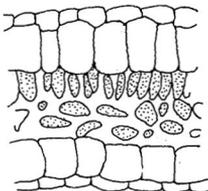


FIGURE 15

.1 mm.

SEMPs FOR GARDEN ANNUALS

By A. R. BUCKLEY AND W. M. CAVAYE, *Ottawa, Ontario, Canada*

This is a reprint of the article "Trials of Garden Annuals 1963" from Greenhouses Garden Grass, Vol. 4; No. 1 Spring 1964; Research Branch, Canadian Department of Agriculture, Ottawa, Ontario, Canada. We thought our "semp-lovers" would be interested.

Editor

Of the 38 varieties of fibrous-rooted Begonias planted in 1963, twenty were rated as outstanding and are listed below.

Seed was sown in peat pots in late January and the Begonias were transplanted in May. The plants flowered from early June to late September and provided one of the most outstanding exhibitions of annuals seen in the ornamental gardens.

The display showed that fibrous-rooted Begonias can be used to a much greater extent than they are now grown in Canadian gardens. All they need is partial shade, adequate watering. The test blocks were in a location that had just enough shade to filter sunlight for at least a part of the hottest period of the day. Sprinklers were used when the soil moisture fell below the required amount. Some varieties would have grown better if there had been more shade. Varieties that do not tolerate bright sun showed leaf scorch and discoloration.

The following varieties are separated into groups according to heights. Measurements were taken in July and early August. Congenial weather and a long summer had the effect of adding several inches to the measurements later in the season.

TALL-GROWING VARIETIES

(twelve to fifteen inches)

- B. 'Carmen'—Plants with uniform bronzy leaves; floriferous, soft rosy blooms throughout the summer.
- B. 'Christmas Cheer'—Tall loose plants with large glossy-green leaves; bright rosy-red blooms containing yellow stamens.
- B. 'Cinderella Rose'—F1 hybrid, vig-

orous plants with heavy foliage; blooms rosy-red with yellow stamens, some variation in height.

- B. 'Cinderella White'—F1 hybrid, strong uniform plants with light-green shiny foliage; clear white blooms with yellow centers.
- B. 'Gotha Child'—F1 hybrid; tall strong plants, clean foliage; large sized luminous-red blooms to 1-3/4 inches across; yellow stamens.
- B. 'Lucifer'—A dazzling combination of flowers and foliage; dark-bronze leaves and scarlet blooms, floriferous.
- B. 'Pink Profusion'—F1 hybrid; tall strong-stemmed; lovely luminous soft pink blooms and shiny green foliage, one of the best.
- B. 'Stuttgart'—F1 hybrid; strong clean bronze leaves; with rosy-pink blooms through August and September.

INTERMEDIATE VARIETIES

(eight to eleven inches)

- B. 'Indian Maid'—Strong clean plants in dark-bronze foliage; bloom of medium red with yellow stamens; a standout through the summer.
- B. 'Prima donna'—Plants varying in height and growth pattern; foliage glossy green with medium pink to coral luminous bloom, lovely.
- B. 'Scandinavian Pink'—Strong plants, varying in height and growth pattern; green foliage with a plentiful supply of luminous pink blooms.
- B. 'Scandinavian Red'—Similar to pink variety but with lots of medium red blooms, yellow centered.
- B. 'Scandinavian White'—The white variety is more uniform and has large bloom with yellow stamens as contrasting centers.
- B. 'Tausendschon Pink'—Vigorous compact plant with light-green foliage and luminous medium pink blooms throughout the summer.
- B. 'Tausendschon Red'—Same as pink variety but with red blooms; burns slightly in sun.

(Continued on Page 78)

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Compiled by MAY TAFT DREW

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In the above list misspelled names are followed by corrections in parentheses. The *Buxton Check List of Begonias* is the authority.

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NORTHEAST BEGONIAS IN APRIL

By ELDA HARING

April is an exciting time to those of us in the Northeast. While we will still continue to have some cold days, the sun is bright and warm. Buds are swelling on the trees and foliage of daffodils and early tulips show green and healthy, some of them starting to send up buds. Those of us who grow Begonias in sunny windows or sun porches know that we must watch our plants to be sure that the heat of the sun is not damaging foliage of our favorites. In our home greenhouses we are growing flats of annuals and perennials to be set out when the weather is suitable. As we need all possible sun for seedlings, it is very important to provide a place for our Begonias where they can be protected from the rays of the sun.

In my own greenhouse there is a double-deck bench in the center. Not a thing of beauty but the lower bench provides a semi-shaded area for our Begonias.

April is a good month to order new plants of Begonias. Send for the catalogs and lists offered in *The Begonian*. I have never been disappointed by mail-order plants. They are always well packed and received in good condition. In April there is little chance that the plants mailed will be damaged by the cold weather. When received, unpack immediately. Personally, I like to water them and place them on a table where they receive strong light but no sun for two or three days. Then they are repotted in my soil mixture and put in their permanent places. A soil mix which I use for most of my house plants consists of two parts garden soil, one part sand, one part peatmoss with a four-inch flower pot of superphosphate mixed in with each bushel of soil.

April is also a good month to start Begonias from seed. They will germinate well in a sunny window, under fluorescent lights, or in the greenhouse. For sowing seed indoors, I prefer a mixture of equal parts of milled

sphagnum, perlite, and vermiculite. For containers I prefer to use the aluminum foil loaf pans purchased at the super-market, in the bottom of which a few holes are punched for drainage. Soak the pan of mix in a tub or sink until moisture shows on top. Then drain before planting the seed. Begonia seeds are very fine. Press LIGHTLY on top of the mix. Label carefully with the name of the Begonia and the date sown. Place pan in a large baggie leaving one end of the bag open for air. Begonia seed will germinate anywhere from seven days to six weeks. Remove the baggie when germination seems complete. Be sure to keep the mixture moist at all times. Watering from the bottom is essential so as not to disturb the seed. When the little plants are about one-third of an inch in size they may be lifted with the tip of a teaspoon and transplanted to pans of soil, giving each plant one inch each way. When the leaves are touching they may be potted up to one and one-quarter inch pots shifting them to larger sizes as they grow.

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No. 1—*B. friburgensis*—

Brazil. Beautiful new rhizomatous species. Thick, leathery leaves, shiny and dark green on top, red underneath. New leaves show only red and are folded like cocks-combs. Tall flower stems bear heads of white or pink flowers. Choice Begonia. Greenhouse culture. Price \$1.00 per pkt.

No. 2—*B. acida*—

Brazil. Large, seersucker-puckered leaves of apple-green are round but appear to be angled by a suggestion of points where veins run out to the edge. Dainty white flowers standing well above foliage. Prefers steady warmth and humidity. Price 50 cents per pkt.

No. 3—*B. martiana*—

Mexico. Near-hardy Hollyhock Begonia, larger and tougher than *B. gracilis*. Tolerates considerable sun to be more compact. Bulbils form in the leaf axils along the stems and can be planted in the fall. Flowers pink. Price 50 cents per pkt.

No. 4—*B. sutherlandi*—

South Africa. Slender; stems and branches drooping, green or purplish-green; leaves lance-shaped, toothed, bright green, sometimes red-petioled and red-veined; flowers yellow to orange. Graceful and suitable for hanging pots or baskets. Needs light and moderate sun. Price 50 cents per pkt.

No. 5—*B. cinnabarina*—

Hardy Begonia with short thick stems; leaves broad-ovate, thick, dark green; margins red and ciliate; flowers brilliant cinnabar-red. Price 50 cents per pkt.

No. 6—*B. schmidtiana*—

Brazil. Constantly branching plant, with small, hairy, green leaves, red-lined at the indented veins, red below. Continuous blooms of pale pink. Good in baskets. Price 50 cents per pkt.

No. 7—*B. venosa*—

Brazil. New seed from Holland.

Growth shrubby, erect, medium height. Stems succulent, round, green with small white lines, surrounded entirely with large, almost transparent, fine, venous, light brown vesicular bracts, in such a way that the stems, themselves, are hardly visible. Petioles are long or slightly longer than the leaves, fleshy, covered with a brownish pubescence. Leaves auricular, succulent, margins entire, and green background is covered with soft hairs. Flowers abundant, medium large, white, spicy-fragrant. Price \$1.00 per pkt.

B. venosa is an important plant, but we do not find it frequently. The white tomentose cover, which comes off easily when touched, constitutes the ornamental value of the plant. It thrives best in a warm or moderately warm location, where it gets a few hours of morning and afternoon sun. This condition turns the leaves to a beautiful white. If the plant is placed permanently in the shade, the leaves remain greenish. Requires less water in winter.

There is still time to sow seed of the ever popular multiflora Begonias for summer and fall blooming. We repeat the offer in the February *Begonian* and hope you will try them for outdoor beds or pots. For compact growth they should be pinched back when small.

B. 'Leuchfeuer'—

Orange-scarlet. Price 50 cents per pkt.

B. 'William Eysser'—

Semi-double deep salmon. Price 50 cents per pkt.

B. 'Spielarten'—

Price 50 cents per pkt.

Please note:

We have received from Germany several types of Bromeliad seeds which includes *Billbergia*, *Vriesea*, *Tillandsia*, *Aechmea*, *Nidularium*, and *lindenii*. However, there is not enough of one variety to offer separately so we

offer it as mixed seed of the *Bromeliaceae* family. They are all choice varieties and come from the best available source in Germany. Please read this offer carefully; mixed packets only. Price 50 cents per pkt.

FERNS

***Davallia fijeensis*—**

'Rabbit's foot fern'. Brown-woolly, creeping rhizomes, from which rise graceful, durable fronds on wiry stems. Good basket fern. Price 50 cents per pkt.

***Davallia solida*—**

Brown hairy rhizomes with broadly massive, stiff-leathery, three-pinnate fronds to two feet high; the leaflets ovate-rhomboid and crenate. Choice fern. Price 50 cents per pkt.

***Adiantum trapeziforme*—**

Delicate looking, yet bold growing 'Giant Maidenhair' with slowly creeping rhizome and large two-pinnate fronds on black stems, the stalked trapezoid leaflets to two inches long and brilliant green. Price 50 cents per pkt.

***Adiantum aethiopicum*—**

Fine, dainty fronds to two feet. Leaflets finely cut. Price 50 cents per pkt.

OTHER GENERA

***Ipomoea tuberosa*—**

Hawaiian 'Wood Rose' was also offered in the February *Begonian*. Plant where they are to grow as they do not transplant easily. In about three or four weeks, a sprout will appear with a leaf which can easily be mistaken for a weed, it then grows sometimes ten inches in one night. Yellow flowers appear and drop and fruit begins to grow. Later, it has the size and general appearance of a wood flower. Can be grown in the greenhouse also does very well in the kitchen if ample space is provided. The wood-like flowers are much used in flower arrangements. Interesting and unusual. Soak seed overnight before planting. TWO seeds for 25 cents.

***Cyrtanthus purpurea*—**

Amaryllidaceae family. Good pot-

type house plant but will grow outdoors in mild climates. Seeds have been irradiated with 12,000 Roentgen units at Oak Ridge, Tennessee to produce genetic changes in the offspring. The blooms are brightly colored orange-red with a hint of pink in their makeup. They are similar to *Amaryllis* but smaller and from four to eight in a cluster. Plants should never be allowed to "rest"; should be kept green and growing with less water in winter. Price 35 cents per pkt.

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FROM THE EDITOR

I am sorry that it was necessary to omit the Branch Directory and the Round Robin Notes this month. The Index will be of help to all our members. It is a tremendous job and takes hours of checking and rechecking to be sure it is as accurate as possible.

The ballot for the dues increase is enclosed. The money we are requesting is not to be given as a "first allowance to a child." The members of the Board are anything but children. It is impossible to describe all of the talents represented by this group.

As your editor, I would like you to know some of the "printing" experience represented by several members. For myself, my second minor subject in college was English and after graduating, I worked in the Production Department for the publishers of the children's encyclopedia *Our Wonderful World*. Our President was at one time an apprentice typesetter, later moving to a small printing company where he worked in the Production Department doing everything but running the presses. Our photographer is a professional free-lance photographer, eager to help in any way he can. Our Round Robin Director is a professional editor who has been a tremendous help and has an "eagle eye" for appropriate material. Our Eastern Editor is ever "on the ball"—an exceptional photographer in her own right. Our Research Director is a professional horticulturist and the work he is now doing promises to provide many exceptional articles for our magazine. He is contacting people in positions of authority with botanic gardens and universities whose special interests are *Begonias*.

With this type of professionally experienced leaders and the proper funds, we would hope to become a more professional organization—one our members can be proud of. Is this what YOU want? If so, read the "Ballot Instructions" carefully and VOTE NOW—make your vote count! Be a MEMBER—not a magazine subscriber! Think about it! Mae Tagg

BALLOT INSTRUCTIONS

The purpose of this ballot is to change the bylaws—specifically ARTICLE VI, ANNUAL DUES. Section 1 of this Article now reads:

"The dues for annual members shall be two dollars and fifty cents (\$2.50) payable in advance. Members in arrears thirty days shall be dropped from the rolls of the Society and their names removed from the mailing list of the official publication until the arrearage has been paid."

The proposed change—on which you are voting—occurs in the first sentence and with the change would then read:

"The dues for annual members shall be four dollars (\$4.00) payable in advance. Members in arrears thirty days shall be dropped from the rolls of the Society and their names removed from the mailing list of the official publication until the arrearage has been paid."

It is important for you to realize that the ONLY change is in the amount of dues.

THIS IS YOUR BALLOT

USE IT! Place an X in the square of your choice and return the ballot before April 26. Ballots received after that date will not be counted. Do it NOW before you forget it. The ballot is perforated so you can remove it without damage to *The Begonian*. If you wish, you may place a 5c stamp on the card to save the A.B.S. paying 6c postage due for your vote. Most important, though, VOTE!

Please do NOT write comments on the ballot. These ballots will be destroyed so that your comments cannot be acknowledged. Write a separate letter to your President so that your comments may be given the attention they deserve.

If you have not already done so, read the messages "From The President" starting with the December issue. You deserve to be informed before you vote.

PLEASE VOTE! IT'S IMPORTANT!

MINUTES OF THE FEBRUARY A.B.S. BOARD MEETING

The meeting was called to order at 7:40 p.m., February 26, 1968. The Pledge of Allegiance was led by Past-president Everett Wright. Carl Naumann, President-elect, gave the Aims and Purposes. Sixteen officers and ten Branch Representatives answered the roll call.

President Tagg appointed the following members for the nominating committee: Robert Wilson, Chairman, Pearl Benell, Dick Pridham. Muriel Perz moved that we accept them, seconded by Vera Naumann. Carried.

The minutes were read, and after corrections, were approved.

Carl Naumann expressed thanks for cards sent to him during his illness.

The President reported the sales of pins and signs, and a \$2.00 donation. He also urged everyone to buy a Begonia pin.

Walter Barnett, Treasurer, reported a balance on hand of \$862.41, receipts of \$1,319.64, disbursements of \$808.06, leaving a balance of \$1,373.99.

Margaret Lee, according to Mr. Tagg, has written to Mrs. Dyckman concerning the naming of the Service Award. With Mrs. Dyckman's consent, Anne Rose moved, seconded by Sylvia Leatherman, that the award be called the "Herbert P. Dyckman Service Award." Carried.

Muriel Perz reported our general liability insurance is due. Discussion followed concerning the coverage in the policy, and she is to investigate the protection.

Sylvia Leatherman reported that a list of judges is available, and will be mailed on request. She also requested again that all judges write to her stating distances, fees, etc. to be added to the list.

Our Librarian, Lucile Wright, stated that the balance of the reprints of *The Begonian* are available. Discussion about the reprinting of the first six months of 1938 which were originally issued in mimeograph form, resulted in a motion that Mr. Warrick go ahead with the printing.

Pearl Benell, Membership Secretary, reported 84 new members. There were 2,717 *Begonians* dispersed during the month.

Gene Daniels, Photographer, reported he had a project under way.

Mr. L'Hommedieu, Director of Research, stated that Mrs. Claire Roberts, Mrs. Elaine Wilkerson, Mrs. Pat Burdick, and Mrs. Jane Neal have been appointed to the Research Committee.

The Flower Show Chairman, Jim Somes, reported various committee chairmen have been appointed. He moved, seconded by

Walter Barnett, to accept an invitation to enter the Fern Show May 18-19 in Brookside Park. Carried.

There were fourteen new requests for round robin memberships and nine assignments made during the month. Also 44 letters and cards were written by the department Director, Carrie Karegeannes.

Vera Naumann, Public Relations Director, reported answering many letters. She requested approval of the appointment of Don Stephenson as Public Relations Chairman of New Zealand, Mae Tagg moved, seconded by Everett Wright, that we accept this appointment. Carried.

Editor, Mae Tagg, reported cost of printing has gone up \$11 per month due to increased wages of printers. Any material sent to the Editor will be returned if requested. *The Begonian* "Calendar" is to be limited to shows and special events by our branches or those which encourage our members to participate. Other organizations can secure paid ads.

The advertising Manager, Anne Rose, reported \$154.25 received in paid ads last month.

A motion was made by Walter Pease, seconded by Jim Somes, that the dues be raised to \$4.00. President Tagg read several letters concerning the change of dues. Discussion followed. After making comments, Carl Naumann made an amendment to the motion, seconded by Everett Wright, that the dues be \$3.50. The vote showed 6 yes, 14 no. Defeated. On the original motion to increase the dues to \$4.00, the vote was 14 yes, 3 no. Carried. A prepaid postage card will be in the April issue for membership balloting.

President Tagg asked the Naumanns to go as representatives to the meeting of the California Arboretum Foundation February 29th.

Wilbur Olson requested an ad for the Fern Society Show Program. It was decided to take a \$20 ad this year.

After the Branch Representatives gave their reports, the meeting adjourned at 10:40 p.m.

Virginia Barnett
Secretary

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SEMPs . . .

(Continued from Page 68)

- B. 'Tausendschon White'—Strong compact plant, the light-green glossy foliage contrasting with the pale white blooms.
- B. 'White Pearl'—Compared to other varieties has a more open growth pattern; light-green leaves, clear white blooms with yellow stamens; floriferous.

LOW-GROWING VARIETIES

(about six to eight inches)

- B. 'Dwarf Carmen'—Compact, uniform plant with bronze foliage; covered with a mass of rosy-pink blooms; appealing.
- B. 'Dwarf Indian Maid'—Compact, many-stemmed small-leaved plant; dark-bronze foliage and light scarlet blooms.
- B. 'Flamingo'—Bicolor of white to pale-pink with medium-pink edging; compact plant with light-green foliage which burns slightly in the sun.
- B. 'Galaxy'—F1 hybrid; compact dwarf plant with green-bronze foliage and pretty light-pink blooms.
- B. 'Luminosa Compacta'—Compact plant with small green-bronze leaves; many small scarlet-red blooms; needs more shade than most other varieties.
- B. 'Pink Pearl'—Compact floriferous plant with light-green foliage, good form; many luminous rosy-pink blooms; appealing.
- B. 'Red Pearl'—F1 hybrid; compact plant with medium-green foliage; many small medium red blooms.
- B. 'Rose Wonder'—Combination of compact plants with clean green foliage; many pretty rosy-pink blooms with yellow stamens.
- B. 'Snowbank'—Uniform dwarf plants with light-green foliage; white blooms to 1-1/4 inches across, needs more shade; appealing.



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CALENDAR

April 4—Westchester Branch: "New Begonias — Their Differences in Growth Patterns" by Sylvia Leatherman. 7:30 p.m.

April 7—Whittier Branch: "Bromeliads" by Jean Kerlin. 7:30 p.m.

April 10—Inglewood Branch: Presidents' Dinner, 6 p.m., Mel's House of Raymond, 1131 S. Hawthorne Blvd. at 138th St., Hawthorne, Calif. Dinner \$3.25. Speaker, Jean Kerlin and Master of Ceremonies, Chuck Tagg.

April 12—San Gabriel Valley Branch: "The Construction of Shade Areas With Various Materials" by Robert Wilson. 8 p.m.

April 18—Foothill Branch: "Irises You Seldom See" by James Girdlian of Oakhurst Gardens. 8 p.m.

April 22—A.B.S. BOARD: South Gate City Auditorium, 4900 Southern Ave., South Gate, Calif. 7:30 p.m.

April 26—Redondo Area Branch: "Epi-phyllums" by John Lee. 7:30 p.m.

April 26—BALLOT DEADLINE: Did you vote?

May 1—DEADLINE for all material for the June Begonian.

BULLETIN

The North Long Beach Branch reports a new meeting place. They will meet April 19, 7:30 p.m., at the California Federal Savings and Loan Building on the corner of Bellflower and Carson in Long Beach, California.

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