

# The BEGONIAN



FEBRUARY, 1972

*Devoted to the Sheltered Garden*

VOL. 39, NO. 2



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10331 South Colima Road, Whittier, California 90604

Subscription: \$4.00 per year. Foreign (Mexico and Canada) \$4.50. U.S. (Mexico and Canada) 1st Class \$6.00. Foreign 1st Class \$8.00. U.S. Air Mail \$7.00. Pay in U.S. currency only.

Second Class Postage paid at Whittier, California.

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

## ACROSS THE PRESIDENT'S DESK

Because some concern has been expressed regarding the elimination of the Pledge of Allegiance at the meeting of the Executive Board, perhaps an explanation is in order.

The Board meets at night and some members come as far as a hundred miles. If the meetings are prolonged this makes their return home very late. The Parliamentarian made some suggestions with the thought of shortening the meetings. She certainly meant no disloyalty. Her expression of "humanizing" was meant as conserving our time and energy.

The Board felt the Pledge of Allegiance and also the Aims and Purposes of the Society were important and required a very few minutes and that we would continue these rites.

It is refreshing to know that in these days of so much criticism of our beloved country there are so many who resent the merest suggestion of any disloyalty and will let their feelings be known.

You know by now that our Editor has been very ill. On top of this he has had the Flu in his weakened condition. He does wish to continue and I hope you will be merciful in your disappointment of receiving *The Begonian* so very late for the past two months.

Please note that the office of Membership Secretary and Circulation

Manager has been divided. Mrs. Benell takes care of any matter dealing with the mailing of the magazine. Mrs. LeComte takes care of membership, dues etc. It would expedite matters if you will write directly to the proper person.

By the time you read this message we will be well into the new year. But far from Spring for many of you. Be patient, it will come and your begonias will begin to grow!

Margaret B. Taylor

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## ROUND ROBIN NOTES

We have moved into the new year; 1971 is history. Spring is not far away with its beauty of new growth. Let 1972 bring you new enjoyment in growing begonias in many different ways and the joy of sharing your thoughts and experiences with others through the letter of Round Robins.

Jim Malvern of Australia, in a seed flight, found it interesting to note that certain begonias have all female blooms and others have only male blooms, while others are generous with both types of bloom. Last year his *B. bowerae* had both kinds of bloom. He broke it into pieces

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## COVER PICTURE

B. Rex 'Lavender Glow'

Brilmayer photo.

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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* and companion plants;

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*.

# BEGONIA LINDLEYANA WALPERS CLARIFIED

By Rudolf Ziesenhenne

In my study of Central American begonias I have examined a number of herbarium specimens which bear the name of *Begonia lindleyana* Walpers. The more specimens I examined the more confused I became as to the true identity of *B. lindleyana*, knowing that all could not be correctly labeled as they were obviously different species. I could see that it was necessary to see the TYPE SPECIMEN, the plant the author of the name examined when he was writing his description.

Since Dr. John Lindley was a famous English botanist, I wrote to Kew Gardens to learn if the type specimen of *B. lindleyana* Walpers were there. I received a reply from Mr. J. P. M. Brenan, Deputy Director, in which he stated, "It may be noted firstly that the type you are seeking is really that of *Begonia vitifolia* Lind. not Schott, for in fact Walpers applied the name *B. lindleyana* (Walp. Rep. ii, 209 1843) to Lindley's *B. vitifolia* (described in Bot. Reg. 20, 1842) because that epithet had been used by Schott for a Brazilian plant in 1827. Lindley described his *B. vitifolia* apparently from a living plant sent from Guatemala by Hartweg, but there is no evidence that Hartweg collected a corresponding field specimen and no reference is made to the collecting in Bentham's 'Plantae Hartwegianae.'

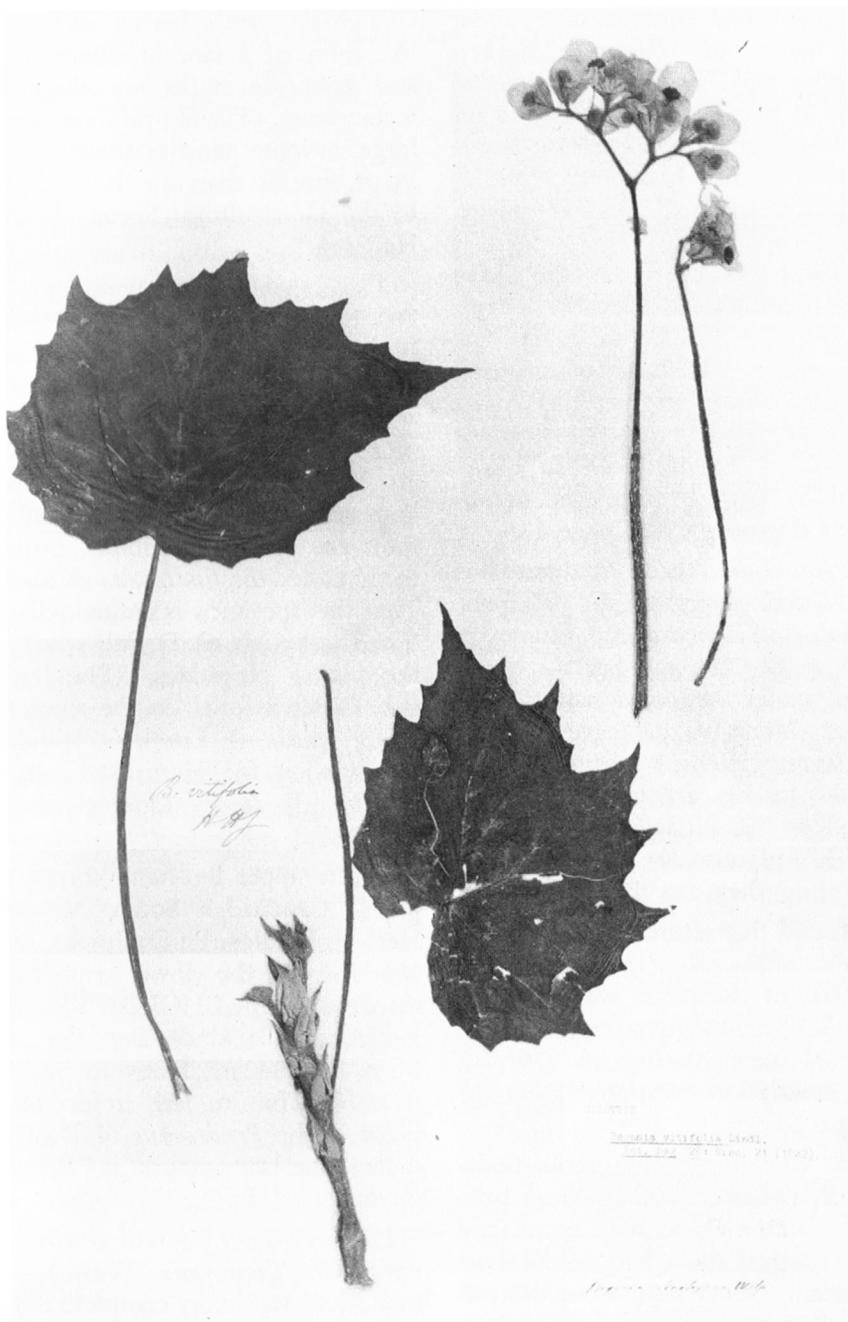
"It is not known if a type specimen of this species is extant anywhere and we certainly do not have a specimen in the Kew Herbarium, but if Lindley kept material it is

possible that a specimen was added either to his own herbarium, now at Cambridge, or to the herbarium of the Horticultural Society of London. This herbarium, however, was sold in 1856 (see Gard. Chron. 1956 page 68) and the Hartweg collection in which one might expect such a cultivated specimen to be included, was bought by Dr. Agardh, whose herbarium is at Lund in Sweden. I therefore suggest that you write to the Universities of Lund and Cambridge, England, in the hope that one or other of them have a type specimen of *B. vitifolia* Lindley."

I wrote to the University at Lund without success. I then wrote to the Botany School, University of Cambridge, England, and was informed that they had this specimen but that it was out on loan.

In May, 1971, I received the herbarium specimen of *B. vitifolia* Lind. from Dr. S. M. Walters, Curator of the Herbarium, Botany School, University of Cambridge. When I opened the package and unfolded the inner paper containing the specimen, my wife, sitting across the table from me, hearing me gasp and seeing my stunned expression, inquired if I were all right. I was shocked because the plant was an old friend which I had not expected and which did not resemble any of the rhizomatous plants labeled *B. lindleyana* I had seen on herbarium sheets. The herbarium plant had an upright, thick woody stem covered with reddish-brown, matted hairs.

It was a begonia which I had been



**Begonia Lindleyana Walpers**

growing for many years without a name. In the popular begonia books this plant had masqueraded under the name of *Begonia Barkeri* Knowles and Westcott, being listed that way by Charles Chevalier in his *Les Begonias* 1938, page 359; Bessie Buxton in *Begonias and How to Grow Them* 1946, page 38; Helen Krauss in *Begonias for Homes and Gardens* 1947, page 152; and Alice Clark in her article, "*Begonia Barkeri* K. & W." in *The Begonian* of May, 1947, pages 90-92. In recent years this same plant has been distributed under the incorrect name of *B. sparcipila* Baker, having been so designated by Bernice Brilmeyer in *All About Begonias* 1960, page 136.

*Begonia lindleyana* Walpers was first described in W. G. Walpers' *Botanicas Systematicae*, volume 2: 1843, page 209, number 42. It is listed under begonias with lobed leaves. None of the leaves on herbarium specimens I had seen were lobed. In his article Walpers referred to "*B. vitifolia* Lindley Bot. Reg. XV pl. misc. 20. — Guatemala" indicating they are the same plant.

I found this reference to be to *Edward's Botanical Register*, volume XXVIII of the entire work, or volume XV of the new series; 1842, page 21, item 20, *Begonia vitifolia*. The description translated from the Latin reads:

"*B. vitifolia*; bushy, stem fleshy reddish pubescent, leaves long petioled concave unequal eggshaped cut-in toothed above bare below short pubescent, flower stem from the axil reddish curved matted hairs, bracts sub-round-eggshaped concave flowers two petaled bare, ovary wings semi-circular about equal."

The following paragraph appears in English: "A fine species from Guatemala, with leaves something like those of a vine in colour, form and size; the stalks are about six inches long. The flowers are white, large, in loose panicles about as long as or shorter than the leaves. Sent to the Horticultural Society by Mr. Hartweg."

Through the kind permission of Dr. Walters, curator of Herbarium, Botany School, University of Cambridge, this article is illustrated with a photograph of the type specimen of *B. vitifolia* Lindley or *B. Lindleyana* Walpers. It must be understood that according to present botanical rules the plant should now be correctly called *B. lindleyana* Walpers. That this specimen is authentic is attested to by Mr. P. D. Sell who sent the plant. He states, "The letters under '*B. vitifolia*' on the sheet are HHS which is Lindley's standard abbreviation for Hort Horticultural Society. It is in Lindley's handwriting."

In the upper left-hand corner appears "Cambridge Botan. Museum. Herb. J. Lindley, Ph.D. Purchased in 1866." On the lower right-hand corner appears "HOLO-TYPE *Begonia vitifolia* Lindl. Bot. Reg. 28: Misc. 21 (1842)." Below that is "56, n 159." The "n. 159" refers to its place in the *Prodromus* of De Candolle. The last notation is "*Begonia lindleyana* Walp."

Lindley's description of *B. vitifolia* (now *B. lindleyana* Walp.), although short, is very complete if you are acquainted with the plant. It does not state, however, that the

(Continued on page 36)

## BEGONIAS IN BOTTLES

By Mark A. Golding  
*Kearney, New Jersey*

Begonias growing in bottles are pretty, portable gardens requiring a minimum of care.

At a flower show I learned about growing ferns and other moisture-loving plants in bottles. So I thought, "why not begonias"? They love humidity. My first attempts were not successful and the plants just rotted and died. But by following these procedures, resulting from my experiences, you can save much aggravation.

The preparation of the necessary supplies and the tools required should be done in advance of the actual planting.

The bottles to be used can be almost any size and shape. Clear glass is best, but those slightly tinted blue or green are also satisfactory. For a single small miniature rex or rhizomatous begonia, a one-gallon jug is a good size. A complete landscaped garden of several plants can be grown in 5, 10, and 15-gallon bottles.

The bottles selected must be clean and disinfected by washing with hot water and Clorox. Let the hot liquid soak in the bottle for about fifteen to thirty minutes. After emptying the bottle, let it dry upside down on a flower pot or bucket. Be careful if you do not know what has been in the bottle, as many acids dry in the bottle and become re-activated when wet, possibly causing serious burns.

Small gravel or stones to be used for drainage should be washed in hot water, to clean out any small insects, eggs, and dirt. Let it dry



Begonias in Bottles planted  
by Mark Golding

before using.

Prepare your planting medium or soil. I make mine by mixing two parts of Hoffman's Fertilmix, one part sand or medium perlite, and Magamp (2 tablespoons to 6 quarts of mix). To this mixture I add one-quarter cup of charcoal which I have broken into small pieces. The charcoal keeps the soil sweet (so it doesn't smell). Instead of this mixture, any commercial potting soil for house plants can be used, with sand or perlite added for better drainage.

Necessary tools I have improvised by the modification of common household items.

From a plastic cocktail spoon I made a shovel. To remove soil or dust from the leaves of the plants I use an acid brush, because it has a metal tube for a handle, into which I put a bamboo stake to make it longer.

Another extended tool is a knife made from a wooden dowel with an

X-acto knife blade fastened at one end. This is for cutting off branches and leaves.

A 3-ounce syringe, with a plastic tube 18 inches long, is used to add or remove water from the bottle.

I made a funnel to load the bottle by rolling a heavy paper or stiff plastic into a long tube that will fit through the neck and extend almost to the bottom. A regular plastic funnel can be purchased, but part of the end should be cut off to enlarge the hole.

The most convenient tool, which I found in an auto supply store, is a mechanic's pick-up tool. It has a remotely operated spring-loaded claw at the end of an extension arm. This has many uses: to pick up and place the plants, to remove fallen leaves, for pruning, etc.

Inspect the plants you wish to use to make sure they are free of pests and disease. As a safety measure, spray the plants with an all-purpose insecticide, miticide, and fungicide.

After the plants have been placed in a bottle, it will be difficult to move them around. To help decide how to place them, it is advisable to draw a circle the size of the bottle on a piece of paper, then you can move the plants around on the pattern to get a good arrangement.

Now the actual planting. Using a five-gallon bottle as an example, put the drainage material in the bottle. With the aid of a funnel, pour in about 1 inch to 1½ inch of gravel. Cover it with approximately 2 inches of soil, which should be slightly damp to eliminate some dust and to make digging holes easier. Tap the bottle on its side and slide soil

around until it is placed suitably. I prefer it slightly up-hill when I am using small plants. Plan to place plants on the outer area first and finish with the center plant.

Knock out the plants from their pots and remove the excess soil. Dig a hole to fit the roots of each plant. Shape the roots so that they fit into the neck of the bottle. Then push the plant, roots first, through the neck, gently and slowly, being careful so that you don't break the plant. The leaves of most begonias are brittle or stiff, but they will fit if they are rolled. Use great care and try not to break or crack them. If the plant has a leaf that is too big, cut it off. A new leaf will grow quite fast in the bottle.

Using the pick-up tool, place the plant into a prepared hole and hold it upright. With the shovel, cover the roots with soil but do not tamp. Repeat the process until the bottle contains all the plants. Do not crowd them. Allow room for the plants to grow.

To water the plants, place the bottle on a "lazy Susan" or turntable, and while spinning the bottle, pour water slowly on the inside of the neck. The water will roll down the sides of the bottle and wash off any dirt. I usually add about a cup of water the first time. With the syringe I also add a little water around the roots of each plant. If you wish, you can seal the bottle shut, but I don't.

Let the bottle stand a day or so. If no moisture forms inside the bottle, add a little more water. Check daily, adding water until there is a fine film of moisture condensing on the side away from the light. Do not over-water.

# BEGONIAS BECOME MY HOBBY

By E. A. McWhorter  
*Columbia, S.C.*

After giving considerable thought to where I should begin my first article on begonias, my decision was to begin with my first contact with begonias.

My attention was drawn to a beautiful plant covered with large waxy leaves and an abundance of double flowers. This plant turned out to be a *semperflorens* begonia and I purchased two of them at that time. These plants grew with ease and I soon found myself buying more of these interesting plants.

I soon found that begonias came in an almost endless variety of shapes

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If the drainage pebbles are completely covered with water, there is too much water and the excess should be removed. Tilt the bottle so that one side is slightly higher than the other, causing the water to accumulate in one place. Push the extension tube of the syringe into the water and draw out excess water. Once the right balance is reached it may not be necessary to add any more water for several months.

Occasionally it will be necessary to prune the begonias. Pinch off the long branches with the pick-up tool or cut them off with the knife. Remove any fallen leaves or debris from the bottom of the bottle with the pick-up tool.

Your bottle garden will grow in front of a bright window but keep it out of direct sunlight, or better yet, put it under fluorescent lights where it will flourish and you can enjoy the results of your efforts.

and forms. I also found that some grew easily and others were more difficult to grow. That was when I began to read some recommended books on begonia culture and I learned much about things I was doing right and things I was doing wrong.

Before this time, however, I had considered entering some plants at the State Fair exhibits, but hesitated after seeing some slides of begonias entered in flower shows in the Northeast. These factors made me realize that I could grow quality plants if I learned good growing practices. This was when I really became interested in begonias.

From *semperflorens* to rex begonias, it has been an interesting and rewarding hobby. Each day my interest is increased as I learn more about why one type grows better in my greenhouse than the one next to it.

Many begonias are very easy to grow, and the hobbyist will spend hours of enjoyment and relaxation once he becomes interested in them. Given the basic requirements, these plants will put forth an infinite variety of colors, textures, and flowers, and a uniqueness that no other plant has. Each variety has its own fascination. It is my belief that, once you grow a few of the plants, you'll become an ardent hobbyist.

In future articles, I will relate various experiences I have had in growing begonias, the method and materials I use, and practices that work best for me.

## CLAYTON M. KELLY SEED FUND

### No. 1—*B. bettiniae* Zies

(*Begonia* section *Giroudia*) (Kotzsch) ADC

Fairly new species, herbaceous perennial. Stems erect, round, base woody, one foot tall; diameter one-eighth inch near the tip, foliage confined near the tip; internodes three-eighth inch long near the tip, covered with dense reddish-brown matted hairs; stipules remaining papery, triangular, tip acute, margins even. Leaf stem round, covered with reddish-brown woolly hairs. Leaf blade spinach-green. Flowers pink from November to January. Native habitat Mexico, Chaipas, Sierra Madre. Seed collected by MacDougall. Price \$1.00 per pkt.

### No. 2—*B. 'Rose'* (also called 'Hazel's Front Porch')

Medium tall, vigorous, stems stout; leaves light green, ovate-pointed, cupped. Flowers bright rose-red. Floriferous and distinctive and makes a beautiful outdoor plant where climate permits. Price 50 cents per pkt.

### No. 3—*B. rc (rex cultorum)*

Seedling of *rc*-Owen. Green, peppered with light green minute spots. Seldom seen but worthwhile. Price \$1.00 per pkt.

### No. 4—*B. 'Jewelite'*

Scarlet-red to pink shades. Bronze foliage. Up to seventy-five per cent double, semi-double, and crested blooms. Price \$1.00 per pkt.

### No. 5—*micranthera foliosa*

Small leaf, fern-like plant. Medium smooth, bushy; stems and branches arching or drooping; leaves very small, ovate, toothed, deep green. Flowers white or pink-tinged,

usually in pairs, suspended from slender, almost thread-like pedicels. Nice hanging plant. Price \$1.00 per pkt.

### No. 6—*B. Micranthera* Wit.

Price \$1.00 per pkt.

### No. 7—*B. cinnabarina*

Tuberous species with large, fragrant cinnabar flowers. Price 50 cents per pkt.

### No. 8—*B. boliviensis*

Medium; stems succulent, smooth, green, tinged with red or brown; leaves ovate-lanceolate, broad at base and tapering to a slender point, glossy dark green, double toothed. Flowers orange-red, nodding, petals long. Price 50 cents per pkt.

### No. 9—*B. sc 'Christmas Cheer'*

Flowers scalet. An excellent pot or bedding type. Price 50 cents per pkt.

### No. 10—*B. lucerna*

Handsome cane-stemmed begonia with large, spotted leaves and big clusters of pendulous flowers. Old time favorite. Price 50 cents per pkt.

### No. 11—*B. sc 'Viva'*

Dwarf. Pure white; weather-resistant. Price 50 cents per pkt.

### No. 12—*B. sc 'Patria'*

Dwarf. Bronze foliage. Superior for pots or bedding. Price 50 cents per pkt.

### No. 13—*B. sc 'Othello'*

Scarlet-orange. Deep waxy bronze foliage. Showy. Price 50 cents per pkt.

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For new members or for those who missed them when they were offered in past months:

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Unidentified. Outstanding white flowers, brick-red outside.

**B. friburgensis**

Basil. Shiny, dark green leaves on top, red underneath.

**B. crispula**

Brazil. Short rhizome, large crinkly leaves that spread out over each other. Choice.

**B. solanthera, ADC**

Trailing stems, smooth oval leaves. Floriferous in winter.

**B. convalliodora**

Venezuela. One of the most beautiful in cultivation.

**B. egregia**

(Syn *B. quadelocularis*) Long pointed leaves; fragrant flowers in winter.

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**WANTED**

Old books and catalogs containing descriptions of begonias. Good prices paid. Write before shipping.

Wally Wagner  
530 S. Barnett Lane  
Anaheim, Calif. 92805

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**ROUND ROBIN . . .**

(Continued from page 27)

and this year had all male bloom and wondered why.

Jim made a cross of *B. 'Silver Jewel'* x *B. 'Bow Nigra'*. The seedlings were so similar to *B. 'Bow Nigra'* that they could be mistaken for it. His *B. 'Fuscomaculata' (heracleifolia x daedalea)* had no male flowers so he made several crosses using it as seed parent. He found it very interesting to note that the seed pods, before splitting, will twist themselves upside down. He has to keep a watchful eye on them or they will spill seeds everywhere.

Jim used a mix of leaf mold and peat moss sifted through fly screen and had good seed germination; but when he added perlite to the mix the germination was poor.

Mickey Meyer of Australia reported in November that she had a dozen seed pods on *B. 'Paul Bruant'* crossed with *B. bowerea* that were ripening. They had turned brown, so she felt they were getting ready to pick.

Mickey reported being in touch with Mr. Sharrad, also of Australia, and he reported the offer of *B. symbegonia* from Lae in New Guinea. She wondered how anyone would grow *B. symbegonia* so near sea level when they like the high country.

Beryl Willan of Australia reported in November that she had *B. lubbersii*, *B. paulensis*, and *B. 'Sir Percy'* growing outside in pots and they were looking fine. Beryl used plastic boxes with a layer of sand, then a layer of vermiculite on top to propagate begonia leaves. She cut the leaves wedge-shaped to a vein, dipped

them in hormone powder, then planted them in rows, and had good results with no bottom heat.

The interest in growing begonias in bowls continues to rise. Wanda Elin and Ronnie Nevin of California, who gave a bowl demonstration at the National Convention, graciously shared their lists of begonias being grown in bowls, and their cultural notes on how they grow them, with comments on each begonia. This information is being shared in flights.

If you wish to join a flight, write a letter about the way you grow begonias and state the flights you wish to join. Write to:

Anita Sickmon  
Round Robin Director  
Route 2, Box 99  
Cheney, Kansas 67025

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## LINDLEYANA . . .

(Continued from page 30)

leaves in the type specimen are peltate, as they usually are, although occasionally one will not be. Both Lindley and Walpers failed to describe the leaves as peltate, but De Candolle described the plant more fully as "peltate - 9 nerved."

When one becomes aware of *B. lindleyana* Walpers, one should not be confused about it as it is so distinctive. The entire plant is covered with felt-like reddish-brown hairs. The leaves are usually peltate with the distinctively-lobed-toothed margin.

For further description read the delightful illustrated article by Alice M. Clark entitled *B. barkeri* Knowl. & West." in the May, 1947, *The Begonian* on Pages 90-92.

## RESEARCH REPORT

The Question and Answer Project: This is the third set of questions from the Herb Warrick list. Any member of the Society who is interested may answer them and send answers to the Research Director. As soon as we have a sufficient number of answers, they will be placed in *The Begonian*.

(7) 55. Dormant axillary buds seem to begin to grow quite soon after a stem is broken off above them. What happens in the stem under these conditions? What signal causes the growth to start?

(8) 58. If all leaves are stripped from the stem what chemical action takes place to cause axillary buds to grow?

(9) Why and how do stem cells elongate in poor light? Are there any chemicals that can be fed or spread on the leaves of a begonia plant to prevent this elongation?

\*Number on question sheet. Please give complete answers and anything that may be relevant to the question.

M. Carleton L'Hommedieu  
Research Director

### BEGONIAS

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**NOMENCLATURE DEPARTMENT**

Mr. D. M. Henderson, Regius Keeper, The Royal Botanic Garden, Edinburgh, Scotland, has called attention to the fact that the collection number of *Begonia mauricei* Ziesenh, on Page 163 of *The Begonian* for July, 1971 (Vol. 39—should be Vol. 38—No. 7) should read: "Mason 89 Trinidad;" number 3609 used in the article is the accession number for the botanic garden which should read "64:3109."

Mr. Thomas MacDougall says in a letter dated Sept. 30, 1971, from Tehuantepec, Oax., Mexico:

"I receive *The Begonian* rather irregularly, so it was not until the past summer that I read one of your descriptions. This one had a printer's error, "El Edan, 300 ft.," which should be "El Edén, 3000 ft." Mr. MacDougall referred to *The Begonian*, Vol. 38, No. 3, March 1971, Page 55.

Rudolf Ziesenhenn  
Nomenclature Director

**BEGONIAS — AFRICAN VIOLETS  
EPISCIAS  
PLANTS and CUTTINGS**

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## CONNECTICUT BRANCH

4th Sunday of each month  
Mrs. Priscella Beck, Secy.  
R D No. 1, Box 121,  
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## DALLAS COUNTY, TEXAS, BRANCH

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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  
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770 Monroe Ave. N.E., Renton, Wash. 98055

## EL MONTE COMMUNITY BRANCH

3rd Friday, Members' Homes  
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1801 Azalea Drive, Alhambra, Calif. 91801

## FOOTHILL BRANCH

3rd Thursday, 8:00 p.m.  
First Methodist Church, Marshall Hall  
3205 D Street, La Verne, Calif.  
Mr. Robert I. Wilson, Secy.  
544 Fountain Drive  
Mira Loma, Calif. 91752

## FORT, ELSA BRANCH

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

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2nd Tuesday, 8:00 p.m.  
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## GREATER BATON ROUGE BRANCH

Mrs. Charles H. Smith, Secy.  
4177 Flannery Rd., Baton Rouge, La. 70814

## 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.  
Mrs. Paul E. Powell, Secy.  
3031 Shakespear Dr., Los Alamitos, Calif. 90720

## LOUISIANA CAPITAL BRANCH

1st Friday, Sear's Garden Center  
6201 Florida St., Baton Rouge  
Mrs. John Blythe, Secy.  
1823 Madras Drive, Baton Rouge, La. 70815

## MESQUITE BRANCH

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

## MIAMI BRANCH

4th Tuesday, 8:00 p.m.  
Simpson Memorial Garden Center  
Mrs. Marie Evans, Secy.  
610 63rd Drive, Hialeah, Florida 33012

## MISSOURI BRANCH

3rd Tuesday, 11 a.m., Members' Homes  
Kansas City, Mo.  
Mrs. Lynne K. Wood, Secy.  
626 W. Charles, Independence, Missouri 64055

## MONTEREY BAY AREA BRANCH

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

## NORTH LONG BEACH BRANCH

1st Tuesday, 7:30 p.m.  
525 Ocean Blvd., Long Beach  
Barbara Welty, Secy.  
4741 Hazelbrook  
Long Beach, Calif. 90808

## ORANGE COUNTY BRANCH

2nd Thursday, 7:30 p.m.  
Lions Club, Walnut St. and Garden Grove Blvd.  
Garden Grove, Calif.  
Mrs. R. L. Nevins, Secy.  
1913 Aspen Circle, Fullerton, Calif. 92631

## PHIOBEGONIA BRANCH

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

## PORTLAND BRANCH

Mrs. Lavene Jenkins, Secy.  
9920 S. W. 53rd Ave., Portland, Oregon 97219

## REDONDO AREA BRANCH

4th Friday, 7:30 p.m.  
R. H. Dana School Cafetorium  
135th St. and Aviation Blvd., Hawthorne, Calif.  
Mrs. Margaret Buell, Secy.  
18500 Mansel Street  
Redondo Beach, Calif. 90278

## RHODE ISLAND BRANCH

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

## RIVERSIDE BRANCH

2nd Wednesday, 6:30 p.m.  
Dales Recreation Center  
3936 Chestnut Street, Riverside, Calif.  
Mrs. Margaret K. Elmore, Secy.  
3935 McKenzie, Riverside, Calif. 92503

## ROBINSON, ALFRED D. BRANCH

3rd Friday, 12 noon, Homes of Members  
Constance D. Bower, Corr. Secy.  
1609 W. Lewis St., San Diego, Calif. 92103

## SACRAMENTO BRANCH

3rd Tuesday, 8:00 p.m., Garden Center  
3300 McKinley Blvd., Sacramento, Calif.  
Mrs. Betty Tillotson, Secy.  
3912 Wildrose Way  
Sacramento, Calif. 95826

## SALINE COUNTY BRANCH OF KANSAS

4th Monday, 2:00 p.m., Homes of Members  
Mrs. Jesse Harper, Secy.  
Route 3, Salina, Kansas 67401

**SAN FRANCISCO BRANCH**

1st Wednesday, 8:00 p.m., Garden Center  
Golden Gate Park, 9th Avenue and Lincoln Way  
Mr. Allen Sweet, Secy.  
303 La Serena Way, Sonoma, Calif. 95476

**SAN GABRIEL VALLEY BRANCH**

2nd Friday, 8:00 p.m.  
Los Angeles State and County Arboretum  
501 N. Baldwin Ave., Arcadia, Calif.  
Marie McCooley, Secy.  
3043 Center Ave., Arcadia, Calif. 91006

**SAN MIGUEL BRANCH**

2nd Wednesday, Porter Hall, 7:30 p.m.  
University & La Mesa Blvd., La Mesa  
Mrs. Maynette Hodgins, Secy.  
1829 Granit Hills Dr., El Cajon, Calif. 92020

**SANTA BARBARA BRANCH**

2nd Thursday, 7:30 p.m.  
Santa Barbara Museum of Natural History  
2559 Puesta Del Sol  
Mrs. Helen Yost, Secy.  
888 La Milpita Rd., Santa Barbara, Calif. 93105

**SEATTLE BRANCH**

3rd Tuesday, 7:45 p.m., Loyal Heights Field House  
21st Ave., N.W. and N.W. 77th Street  
Virginia Level, Secy.  
13770 1st Avenue N.E., Seattle, Wash. 98125

**SHEPHERD, THEODOSIA BURR BRANCH**

1st Tuesday, 7:30 p.m.  
Y.M.C.A. Bldg., 5200 Telegraph Rd., Ventura, Calif.  
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**TARRANT COUNTY BRANCH**

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

**TEXAS STATE BRANCH**

4th Thursday, Sabine National Bank Bldg.  
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Mrs. R. J. Wilson, Secy.  
4620 Evergreen St., Port Arthur, Texas 77640

**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.  
Barbara Mack, Secy.  
424 Oregon St., El Segundo, Calif. 90245

**WESTERN PENNSYLVANIA BRANCH**

2nd Wednesday, 11:00 a.m. every other month  
Pittsburg Garden Ct., 1059 Shady Ave., Pittsburg, Pa.  
Mrs. Irene Fediacko, Secy.  
125 Arlington Ave., Butler, Pa. 16001

**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. Murdock Davis, Secy.  
256 Broughton Lane, Villanova, Pa. 19085

**CALENDAR**

February 15—Seattle Branch, 7:00 p.m. Program: Tuberous Begonias. Calvary Lutheran Church, 7002 23rd Ave. N.W.

March 2—Westchester Branch. Bill Paylen will lecture and show slides on "Collecting Bromeliads in Central America."

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*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.*

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