

The BEGONIAN



MARCH, 1971

Devoted to the Sheltered Garden

VOL. 38 NO. 3



Begonia 'Universe'

Photo by Gene Daniels, Black Star

GENERAL OFFICES

GENERAL OFFICES, dues, address changes, or magazines: Cliff Ebeling, Membership Secretary, 6157 Lime Avenue, Long Beach, California 90805.

Subscription: \$4.00 per year. Foreign (Mexico and Canada) \$4.50. U.S. (Mexico and Canada) 1st Class \$5.50. Foreign 1st Class \$6.50. U.S. Air Mail \$6.50. Pay in U.S. currency only.

Second Class Postage paid at Long Beach, California 90801.

ELECTED OFFICERS

President Mrs. Pearl Benell
10331 S. Colima Rd., Whittier, Calif. 90604
President Elect. Mrs. Margaret Taylor
111 Evelyn Avenue, Anaheim, Calif. 92805
Past President Mrs. Vera Naumann
346 N. Leland St., West Covina, Calif. 91790
Secretary Mrs. Irene Grannell
1431 Coronado Terrace, L.A., Calif. 90026
Treasurer Walter J. Barnett
1213 Mullender Ave., W. Covina, Calif. 91790
Vice President 1 year James Somes
4849 W. 130th St., Hawthorne, Calif. 90250
Vice President 2 years John Provine
2415 Queensbury Rd., Pasadena, Calif. 91104
Vice President 3 years Mrs. Helen Matsubu
Route 1, Box 120, Fruitland, Idaho 83619

BEGONIAN STAFF

Editor Mrs. Mabel Anderson
16609 Cypress Street, Covina, Calif. 91722
Contributing Editors Mrs. Elda Haring
Mrs. Hertha Benjamin, Mrs. Phyllis Wright
Question & Answer Editor . . . Mrs. Ruth Pease
8101 Vicksburg Avenue, L.A., Calif. 90045
Advertising Manager Miss Anne L. Rose
14036 E. Ramona Dr., Whittier, Calif. 90605

APPOINTED OFFICERS

Awards Chairman Mrs. Hazel Snodgrass
265 North Walnut Dr., Ventura, Calif. 93003
Business Manager Mrs. Virginia Barnett
1213 S. Mullender Ave., W. Covina, Ca. 91790
Historian Mrs. Edna Burkett
3341 Hedwig Rd., Los Alamitos, Calif. 90720
Judging Course Director Mrs. Ruth Pease
8101 Vicksburg Avenue, L.A., Calif. 90045
Librarian Mrs. Lydia Austin
15329 Eastwood Ave., Lawndale, Calif. 90260

APPOINTED OFFICERS (Continued)

Membership Secretary Cliff Ebeling
6157 Lime Ave., Long Beach, Calif. 90805
Nomenclature Director . . Rudolf Ziesenhenne
1130 N. Milpas, Santa Barbara, Calif. 93103
Parliamentarian Mrs. Margaret Lee
1852 31st Street, San Diego, Calif. 92102
"Begonia Boat" Editor Gene Daniels
Box 83, Camarillo, Calif. 93010
Research Director . . M. Carleton L'Hommedieu
370 Locust Ave, Oakdale, L. Island, N.Y. 11769
Round Robin Director . . Mrs. Anita Sickmon
Route 2, Box 99, Cheney, Kansas 67025
Seed Fund Admin. Mrs. Florence Gee
234 Birch Street, Roseville, Calif. 95678
Show Chairman Everett Wright
838 B. N. Market St., Inglewood, Calif. 90302
Slide Librarian Mrs. Irene Grannell
1431 Coronado Terrace, L.A. Calif. 90026
Public Relations Director . . Mrs. Martha Rader
10934 East Flory, Whittier, Calif. 90506
Northwestern P. R. Chairman . . Mrs. E. Fariss
17721 Bothell Wy, N.E., Seattle, Wash. 98155
Southern P. R. Chairman . . . Mrs. M. Sikkelee
3603 La Joya Drive, Dallas, Texas 75220
Northern Calif. P. R. Chairman . Mrs. J.H. Smith
2479 29th Ave., San Francisco, Calif. 94116
Northeastern P. R. Chairman . . F. Kingsbury
225 Lee Street, Brookline, Mass. 02146
Northeastern Co-Chairman . . . Mrs. V. Withee
Hill Farm Road, Coventry Cntr., R.I. 02817
Eastern P. R. Chairman Miss Lily C. Fine
1240 Carrol St., Brooklyn, N.Y. 11225
New Zealand P. R. Chairman. . Don Stephenson
56 Mortimer Terrace, Willington, C2, N.Z.

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

A LABOR OF LOVE

I have been requested by the Board of Directors to write this article concerning the BEHIND-THE-SCENE of The American Begonia Society. This has been deemed necessary due to the numerous letters being received by the various members of the Board, mostly wondering just who runs the Society, don't they receive exhorbitant wages plus traveling expenses? And, who writes the Begonia articles which make up the "meat" of The Begonia?

WHAT, OR PERHAPS I SHOULD SAY WHO, MAKES THE BEGONIA SOCIETY GO?

The answer to this is very simple — YOU. Yes, each and every one of you as members make it go. Without your interest and support the Society would cease to function. Of course every organization must have leadership and the ABS, being a democratic society, accomplishes this through a Board of Directors, the nucleus of which is duly elected by the entire membership each year. Serving on this Board are people from all walks of life — housewives, carpenters, photographers, doctors, accountants and construction superintendents, just to name a few. They are serving you in their various capacities because they are interested in growing *Begonias*,

creating new interest in, and sharing this fascinating hobby with as many people as they possibly can. They are certainly not attracted to their positions through promises of high salaries and financial security. In fact, only three officers receive any payment at all for their services.

The President receives \$15.00 a month. This is perhaps the easiest of all the paid positions but carries the greatest responsibility.

The Editor receives \$60.00 a month. For this she must spend many hours every month gathering material, arranging, editing, checking nomenclature, getting it to the printer and proofreading in order that you can have your "Begonian". The articles in the magazine are written by members of the Society and other people interested in *Begonias*, their culture and research. No one is paid for these articles.

The Membership Secretary receives \$50.00 a month. For this he spends several days each month addressing, packaging and mailing some 2,500 "Begonians"; plus receiving all dues for and keeping accurate records of all members old and new.

All the other Board members serve without pay. Some of them spend many hours at their jobs each

(PLEASE TURN PAGE)

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*.

(CONTINUED FROM PAGE 51)

month so that you may enjoy the many opportunities afforded you by the Society. Being human, they make mistakes now and then, but are constantly trying to upgrade and improve the ABS by their efforts.

You can show your appreciation by supporting them and your Society with a little patience and understanding, some "constructive" criticism and a lot of participation. Let them know you appreciate them by using their services. They work hard under tremendous handicaps. They donate their time and effort. Give them a little of yours. Theirs is truly a LABOR OF LOVE.

Pearl E. Benell, *President*

COVER PICTURE

B. 'Universe' ('Norah Bedson' x 'Leslie Lynn') is a rhizomatous *Begonia*, slightly star shaped leaves, 4 x 7 inches, serrate margins with short white hairs, smooth textured and of firm substance; the veins are green, raised on the underside; petioles are 9 to 12 inches long, red dotted with stiff hairs; stipules are green, but leaf color is Kelly green with a brownish-red pattern of perfect symmetry on top, and a dark pattern underneath. Flowers are white, blooming from March to May, one inch in size, rising from the rhizome on 16 to 18 inch peduncles.

This plant was hybridized by Thelma O'Reilly of La Mesa, California and registered in 1965 (No. 251). It received the American Begonia Society Award for the most outstanding new rhizomatous hybrid of 1969.

**PATRONIZE OUR ADVERTISERS
BE SURE TO TELL THEM YOU SAW
THEIR AD IN "THE BEGONIAN"**

TYPIFICATION OF BEGONIA MASONIANA IRMSCHER

Dr. E. Irmscher first described *Begonia masoniana* in The Begonian Volume XXVI, No. 9, September 1960, pages 202-203. The latin description was published in Volume XXVI, No. 10, October 1960, page 231. Through an oversight no particular herbarium specimen was designated as a type specimen. The plant was described from material Dr. Irmscher received from the Montreal Botanical Garden.

Mr. Henry Teuscher, former Director of the Montreal Botanical Garden, has informed me that herbarium material of the same stock plants from which Dr. Irmscher had drawn his description has been prepared and a herbarium specimen deposited as a neotype specimen of *Begonia masoniana* in the herbarium of the Montreal Botanical Garden, 4101 Est. Rue Sherbrooke, Montreal, Canada, and another specimen has been deposited in the herbarium at the Botanischen Garten und Botanisches Museum, Berlin-Dahlem, Germany.

Rudolf Ziesenhenn
Nomenclature Director



AMERICAN BEGONIA SOCIETY BOOKLETS

Point Scoring System for Judging
Begonias \$1.25

A Suggested Guide to Classification
of Begonias for Show Purposes \$1.50

ORDER FROM: Ruth Pease
8101 Vicksburg Ave.
Los Angeles, Calif. 90045

A BEGONIA IS IDENTIFIED

by Thelma O'Reilly, *Research Committee*

Tubers bearing the name of B. 'Lark' Grex are happy! Their father has been identified by Professor J. D. Doorenbos, Wageningen, The Netherlands, as *B. micranthera* var. *bieronymii*. If you are growing a plant from seeds purchased from the A.B.S. Seed Fund in April 1966, No. 4. *B. micranthera*, give it the correct name.

After reading my article, "Share and Compare", in the November "Begonian", Professor Doorenbos reports, "There is no doubt that the seed you received from the Seed Fund had been sent by me. It was harvested from plants received in 1964 from the Royal Botanic Garden at Copenhagen, Denmark.

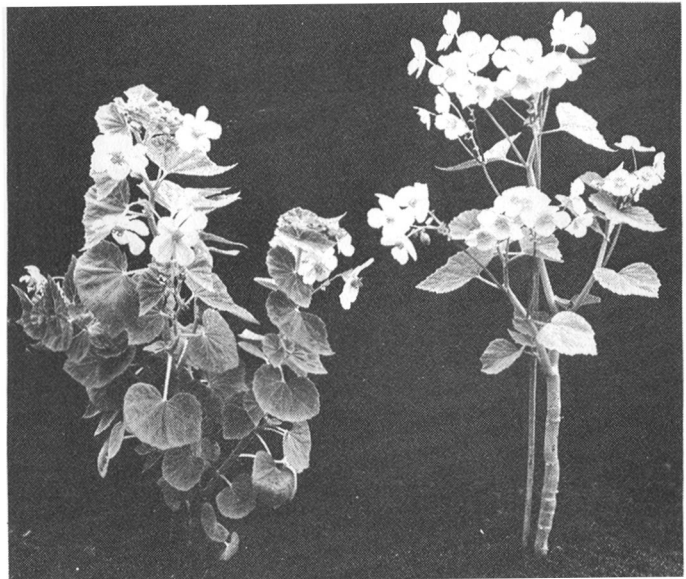
"According to the key given by Smith and Schubert in their review of the Begonias of Argentina (Darwinia 5, 1941: 78-117) the present plant is *B. micranthera* var. *bieronymii* (Lindau) Smith and Schubert, but neither Lindau nor Smith and Schubert mention that the plant is dioecious.

"We have made many crosses of this plant with other tuberous *Begonias*. In many of these hybrids (particularly those with *B. davisii*) a wonderful purple flower color appears that I have

never seen in any other *Begonia*. Another interesting feature of these hybrid populations is that they are, dependent on which parent species was used, dioecious, all female or monoecious, while in some cases they show bisexual flowers with stamens as well as stigmas and ovaries.

"I think a very important point is that Smith and Schubert state in their general description of *B. micranthera* that the flowers are white to bright pink. The fact that the flowers are pink is repeated in the description of the varieties *bieronymii* and *fimbriata*. This also supports my view that the orange flowered types are not true *B. micranthera*. Only with respect to the var. *foliosa* do they mention that it appears to

(CONTINUED ON PAGE 71)



Begonia micranthera Griseb. var. *bieronymii* (Lindau) Sm. & Schub.
Female plant (left) and male plant (right).
Photo by J. Doorenbos



Begonia philodendroides Ziesenh. variety *multiloba* Ziesenh.

TWO NEW BEGONIAS FROM CHIAPAS, MEXICO

by Rudolf Ziesenhenné, *Nomenclature Director*

In the December 1954 issue of The Begonian on pages 300-302 appears an article describing a new *Begonia* which is named in the article *Begonia philodendroides* Ziesenh.

On October 21, 1954 Thomas MacDougall, plant explorer, collected a *Begonia* above Madre Mia on the lower slope of the Sierra Madre, Ville Corzo, Chiapas, Mexico to which he affixed his number C. 169. This plant is much like *B. philodendroides* Ziesenh., with a leaf 5½ inches long and 5¼ inches wide, but at this size the major lobes have well-developed, long pointed, secondary lobes.

Dr. Eizi Matuda, plant explorer, had found this same plant on September 5, 1948 in the wet forest at an elevation of 2,310 feet at Finca Brisa, Escuintla, Chiapas, Mexico, to which he affixed his collection number 18372. This leaf is much larger than that of C. 169, measuring 10½ inches by 14 inches and has much more fully developed secondary lobes on the leaves. Plants of C. 169 have been in culture for some years and they have been grown under the same conditions as *B. philodendroides*. The variety, C. 169, always grows larger than *B. philodendroides* and produces long, pointed, secondary lobes like those of 18372 which are about two inches long.

The explorer-numbered *Begonias* C. 169 and 18372 differ from *B. philodendroides* so I wish to establish this plant as a new variety of *B. philodendroides* Ziesenh., naming Dr. Matuda's plant 18372 as the holotype and C. 169 as the co-type.

I have had living plants of C. 169 to study and make drawings from.

.....

Begonia philodendroides Ziesenh., new variety *multiloba* Ziesenhenné. This variety differs from the species in having long, acuminate secondary lobes; the margin has few large saw teeth; the leaves attain a larger size 10½ x 14 inches; the flowers have 39 stamens. Mexico, Chiapas, Escuintla, Finca Brisa, 2310 feet altitude in wet forest. Dr. Eizi Matuda No. 18372 holotype. Matuda Herbarium at the Institute of Biology, Universidad Nacional Autónoma de México, C. U., México 20, D.F. Co-type MacDougall No. C. 169. Above Madre Mia on the lower slope of the Sierra Madre, Ville Corzo, Chiapas, México. This specimen is in my herbarium at 1130 N. Milpas, Santa Barbara, Ca. 93103.

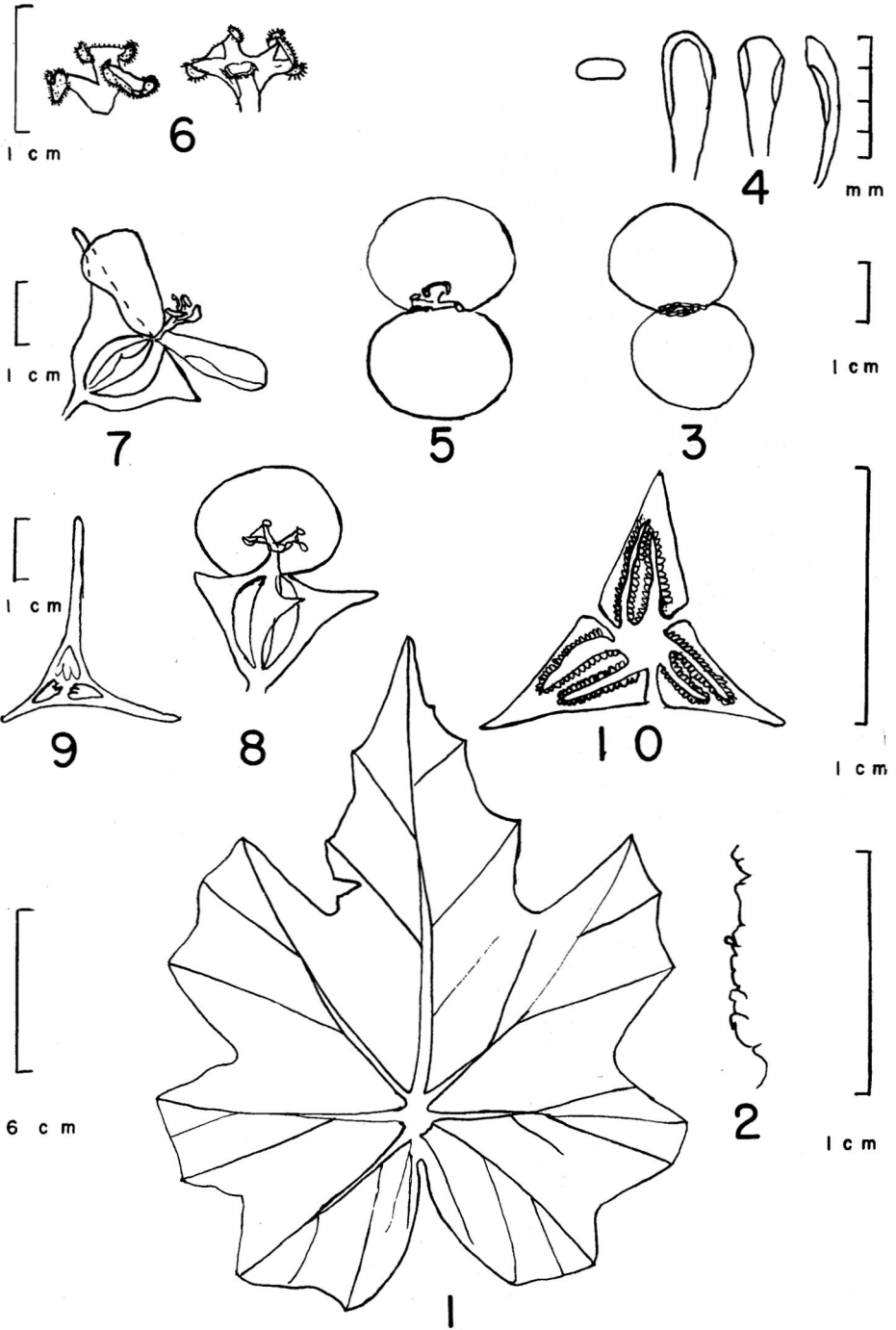
.....

Begonia philodendroides Ziesenh. var. nov. *multiloba* Ziesenhenné; *differt foliis magnis ca. 26.5 cm x 35 cm.; lobi cum lobis longis acuminatus, serratis pauci grandis, staminibus 39.*

.....

The day after Mr. MacDougall found his C. 169, described above, he came upon another *Begonia* which he numbered C. 170 near El Edan at 300 foot altitude on the north slope of Sierra Madre, Ville Corzo, Chiapas, México, having a pubescent, peltate leaf, finely hairy on both sides. This plant has a rhizome like the above

PLEASE TURN PAGE



Begonia corzoensis Zies

plant which loses its leaves during the dry season, remaining dormant like a tuberous *Begonia*.

.....

Begonia (section *Magnusia* (Klotzsch) A. DC. (subsection *Gireoudia* (Klotzsch) Wbg. *corzoensis* Ziesenhenné new species, herbaceous perennial: stem a creeping rhizome growing under the soil, fleshy, oval, tip rounded, seldom branches; leaf stem springing from below the soil level, round, green, dotted and striped oxblood red very thickly at the base and diminishing gradually to few at the top; few scattered reddish-brown shaggy hairs to 1/32 inch long, stem to 12 inches long; leaf blade (figure 1) peltate, thin papery, medium green, dull, thickly set with short fine hairs which are longer and more numerous on the nerves; below pale green, fewer scattered hairs than above but abundant on the nerves; egg-shaped, symmetrical, tip running out to a point, base cordate, margin (figure 2) very finely toothed and saw toothed, edged with red-based fleshy hairs 1/64 inch long, 7-lobed, 4 basal lobes shallow-triangular coming quickly to points; two lateral lobes longer, ending abruptly, terminal lobe largest, reducing in width abruptly twice, then terminating in a long point, 10 inches long and 8 inches wide; palmately 10-nerved, 7 prominent; inflorescence a cyme, few-flowered, blooming in the fall and winter, flower-stem arising from below the soil, like the petiole; male flowers (figure 3) tepals 2, pink with the tip area green, roundish, tip roundish, base roundish, bare, 11/16 inch long, 7/8 wide; stamens 37 (figure 4) arranged like a bunch of bananas, filaments slightly united at

the base, as long as the anthers 1/16 inch; anthers oblong, wedge-shaped, tip blunt, connective not produced; female flowers (figure 5) tepals 2, pink, roundish, tip blunt, base rounded, 3/4 inch long, 1 inch wide; styles (figure 6) 3, united 1/3 of length, 1/4 inch long, curving slightly, 2-lobed, stigma papillae on the tip and outer edge; capsule (figure 7 and 8) elliptical, tip blunt, green, 11/16 inch long, 1/2 inch wide, 3-winged (figures 7, 8 and 9) largest papery, thin, marginal at the basal part of the ovary then long triangular tapering on both edges to the tip but more so across the capsule where it is rounded, blunt, about 3/4 inch long, 5/8 wide at the capsule; second wing basal part marginal for half the length of the capsule, then tapering on both edges to a long point which is rounded, 3/4 inch long, 3/4 inch wide; third wing basal part marginal for half the length of the capsule then tapering from both margins to form a short triangle with a blunt tip; ovary (figure 9 and 10) 3-celled, placenta 2-divided and carrying seed on all sides.

This plant is most closely related to *B. philodendroides* Ziesenh. but differs from it and its variety in having peltate, pubescent leaves which are rather shortly-lobed; the lobes are cut off squarely; the nerves number 10; the seed capsule is elliptical; the wings taper from both edges; and the stamens number 37.

.....

Begonia (section *Magnusia* (Klotzsch) A. DC. (subsection *Gireoudia* (Klotzsch) Wbg.) *corzoensis* Ziesenhenné *spec. nov. Herba perennis: rhizomate repente, subterraneo, carnosio, ovali, apice obtuso, raro ra-*

PLEASE TURN PAGE

moso; petiolis teretibus, punctatis vittatis sanguineis, pilis ferrugineo 1.5 mm. longis, ad 30 cm. longis; foliis peltatis, symmetricis, papyraceis, viridibus, pubescentis, ovatis, acuminatis, cordatis, margine serrulatis, 7-lobatis, 4 basilaribus non profundis, triangularis, acutis, 2 lobis lateralibus longior, truncatis, lobis terminalibus reductis abrupte bis, acuminatis, 25.2 cm. longis, 20 cm. latis, palmatinervis nerviis 10; inflorescentia cymoso, pauciflora, pedunculis similis petiolo; tepalis masculinis 2, roseis, glabris, circularis, obtusis, 1.8 cm. longis, 2.2 cm. latis; staminibus 37, filamentis 3.5 mm. longis, leviter connatis, antheris ob-

longo-cuneatis, obtusis, 3.5 mm. longis, connectivo non producto; tepalis femineis 2, roseis, 2 cm. longis, 2.6 cm. latis, stylis 3, basi 2 mm. connatis, parte libera 4 mm. longis, auriculato-bilobis, fascia papillosa circumcursis; capsula 1.8 cm. longa 1.3 cm. lata, elliptica; inaequaliter tripartita, ala maxima longe triangulari, obtusa, 2 cm. longa, 1.7 cm. lata, ala secundo longe triangulari, obtusa, 1.3 cm. longa, 2 cm. lata, ala tertio triangulari, obtusa, .7 cm. longa, 2 cm. lata; ovario 3-loculata, placentis bilamellatis, undique ovuliferis.

Planta similis *B. Philodendroides* Zisenh. Differt foliis peltatis; pubescentis; lobis brevibus, truncatis; nerviis 10; capsula elliptico; ala symmetrico triangulari; staminibus 37.

RESEARCH REPORT

Since the last Board report of November 23, 1970, the Research Fund has increased to \$607.52. Donations were received from the Orange County Branch of California and Mr. Jack Golding, a member of the Knickerbocker Branch. Twenty two Branches have now donated to the fund.

Artificial media has been selected for research by the University of Georgia. Professor Rutland has been notified that the Fund will sponsor the project. A final detailed report will be given later.

Elaine Wilkerson, Southern Research Committee member, has been supplying the University with *Begonia* plants for the past several years. She has also supplied many others to a number of Universities in the South.

Carrie Karegeannes brought a number of *B. seychellensis* plants to the Eastern Convention and distri-

buted them to all members that were interested in growing this species. She has established an invaluable contact with the National Arboretum in Washington D. C.

Dr. Grant McGregor, Canadian Research, Chairman of the all male Robin, is planning on having the group work on question No. 34 of the Herb Warrick Question Project. This deals with the plant indications of deficiencies or excesses of the major chemicals in a fertilizer. The results will be published in The Begonian.

Jane Neal, English Research, has established a noteworthy relation with the scientific people at Wageningen, The Netherlands. Many articles have been written on *Begonias* by Dr. Doorenbos with whom she was able to discuss *Begonia* problems.

Carleton M. L'Hommedieu,
Research Director

DID YOU KNOW?

Lack of sufficient water may be the cause of the lower leaves of cane type *Begonias* dropping. *Begonias* grown in clay pots are especially prone to this problem. The air surrounding the pot may be dry and consequently the soil dries out faster causing leaf drop. There is not enough moisture in the soil to provide water to any but the top leaves. Sink the pot in water up to the lower rim. When you see moisture on the surface of the soil — remove and allow to drain and do not water again until the pot feels dry and the soil appears dry on top.

Cane type *Begonias* require more moisture in the soil than do the hirsute types but do not like soggy soil. A careful balance between too dry and too wet should be maintained. Too much water sometimes causes the elongation of the top internodes resulting in leggyness and the lower leaves to drop prematurely.

A SHORT COURSE IN HUMAN RELATIONS

The Six Most Important Words:
"i admit i made a mistake"

The Five Most Important Words:
"you did a good job"

The Four Most Important Words:
"what is your opinion?"

The Three Most Important Words:
"if you please"

The Two Most Important Words:
"thank you"

The One Most Important Word:
"we"

The Least Important Word:
"j"

IN MEMORIAM

Mr. Harry Meyers, a native Californian and a faithful member of the Theodosia Burr Shepherd Branch of the ABS, passed away January 24, 1971. He had been a member of the Branch for many years and had served as President for two different terms as well as in other offices.

He grew many beautiful *Begonias*, often entering them in the Ventura County Fair, winning many top awards. His fellow members of the Branch and his many friends will miss him.

NOTICE

The Bessie Raymond Buxton Branch of the American Begonia Society wishes to be designated simply as the BUXTON BRANCH. "We shall continue to hold the memory of Mrs. Buxton dear to us, for without her there would be no Buxton Branch."

SCHOLARSHIP FUND

Botany students at Glendale City College will benefit from a Scholarship fund established by the Glendale Branch of the ABS. Mr. H. R. Rixstine, President, announced the plans at the January meeting.

Mr. Burnell Yarick, Professor of Botany at the College was appointed Chairman of a committee to set up rules for the awarding of the scholarship.

MOVING?

The Begonian is second class mail and cannot be forwarded. The Membership Secretary would appreciate your sending him your new address and zip code in advance to avoid your missing an issue.

CLAYTON M. KELLY SEED FUND

Instructions —

“Begonias from Seed — Sowing and Growing” gives step-by-step easy to follow instructions and encouragement for beginning seed growers. Price .25.

No. 1 — B. Rex Colorvision

Shimmering red, silver and green, lavishly splashed in fantastic design. Price \$1.00 per small pkt.

(We have had many request for the above, but due to the expense involved in obtaining them, we have not been in a position to offer them. Now we can obtain them for you but the packets will be small).

PLEASE NOTE: We have many members who like to grow *Semperflorens* type *Begonias* and while some want only the rare and exotic, we feel that it is only fair to try to please all lovers of *Begonias*, so have decided to offer some of the best in *Semperflorens Begonias*. They are unexcelled as bedding, pot or greenhouse plants and give color over a long period of time. They are as follows:

No. 2 — B. sc ‘Caravelle’

Red from the “Caravelle Series”. Very early and large 2 inch flowers on well shaped uniform plants. Green foliage accents the floriferous habit. Price .50 per pkt.

No. 3 — B. sc ‘Linda’

Six inch plant with rose-salmon tinged flowers, compact habit, resists disease. Price .50 per pkt.

No. 4 — B. sc ‘Patria’

Six inch plant, bright rose with shining bronze foliage. Price .50 per pkt.

No. 5 — B. sc ‘Derby’

New. Small coral-salmon with lighter center. Unusual. Price .50 per pkt.

No. 6 — B. sc ‘Glow’

Large dark red flowers; excellent for pots. Intermediate. Price .50 per pkt.

No. 7 — B. sc ‘Sparkler’

Large flowers of brilliant orange-salmon with each petal base a creamy white. Price .50 per pkt.

(The first four *Semperflorens* mentioned are F₁ hybrids, originated in Europe).

MID-WINTER SALE CONTINUED

We are very anxious to clear the files of all seed and this is a rare opportunity to acquire choice *Begonias* for very little money. We hope to clear every thing out by spring in order to make room for something new and different. Your help will be appreciated. We are continuing with the letters of the alphabet to avoid confusion.

M. — B. venosa — Choice, shrubby plant with felted leaves and spicy blossoms.

N. — B. malabarica — Asiatic sp. small leaves, blush pink flowers.

O. — B. glabra — Also called *scandens*. Climber that can be used as a basket, green leaves, numerous white flowers.

P. — B. incarnata — Frilly fluffy plant; flesh pink flowers.

Q. — B. limmingheiana — Pointed shiny green leaves on many stems; coral-red flowers.

(CONTINUED ON PAGE 65)

INDEX OF THE BEGONIAN FOR 1970

Compiled by May Taft Drew

This index is divided into four sections: American Begonia Society affairs; List of contributors; General index of subjects; Special *Begonia* index. An asterisk (*) indicates an illustration.

AMERICAN BEGONIA SOCIETY

- Annual Meeting Minutes 240
Awards 104, 141, 153, 190, 228-9*, 239, 254
Begonia Basics 226-8, 257-9*, 282-3
Begonian 3, 4, 51, 279
Index 1970 85-88
Branch Directory 21, 22-3, 46-7, 70-1, 98-9, 122-3,
146-7, 170-1, 194-5, 218-9, 266-7, 290-1
Branch Shows 142, 190, 200, 207
Branches: Bessie Raymond Buxton 190
Connecticut 190
Eastside 190, 283-4
Elsa Fort 20
Knickerbocker 77, 90, 165
Orange County 207
Saline County 219, 226
Santa Barbara 275*
Seattle 200
Calendar 23, 47, 71, 99, 123, 147, 171, 195, 219,
243, 267, 291
Clayton M. Kelly Seed Fund 11-13, 37-9, 60-2, 81-4,
108-10, 131-3, 158-9, 180-1, 205-6, 230-2, 255-7,
276-9
Convention & Show 107, 129, 151, 162, 175-6,
224-6, 228-9, 235, 239, 247*, 274
Photographic entries 113, 129
Program 162
Rules 135
Schedule 136-8
Trophies & Awards 138
Cultural Bulletin 129
Eastern Regional Convention 1969 4
Eastern Regional Convention 1970 62, 77, 142, 163,
184-5
Editor 3, 21, 51, 67, 75, 113, 117, 143, 243
Elections 151
Gift to Rudolf Ziesenhenné 247*, 248
In Memoriam:
Butterfield, Harry M. 127
Folino, Peter 191
Gilbert, Grace 18
Irmscher, Edgar 27-9*
Korts, Edna 271
Reed, Grace 95
Shuler, Ethel M. 66
Swain, Hazel 191
Titley, Harley 66
Turner, Leo 18
Judging Course 248-9
Letters to the Editor 75, 141, 167
National Board Minutes 19, 66-7, 94, 118, 143, 167,
191, 214-5, 264-5, 288-9
News Letter 67, 95
Past President 223
President 3, 128, 175, 223
Proposed Budget 10
Public Relations 51
Questionnaire 242
Questions & Answers 178, 204, 238, 254-5, 279-80
Registrations 16-7, 35-6, 252-3
Research Director *43, 66-7, 128, 207, 243, 263
Round Robin Notes 13-4, 39-40, 63-5, 84, 89-90,
110-2, 133-4, 139, 160-1, 183, 188, 212-14, 236-8,
259-61, 280-1
Slide Librarian 59, 273

CONTRIBUTORS

- Anderson, Anna 91
Broerjes, C. Dr. 117
Doorenbos, J. 203-4, 233-4, 251-2
Galbraith, George Starbuck 264
Golding, Jack 93-4, 152*-3, 164-5, 208-11
Gould, Charlotte Ann 75
Hall, Clarence 155-6
Haring, Elda 15, 33-4*, 54-5*, 76*-7, 130*-1, 154*-5,
179*, 182*, 201-2, 226-7*-8, 257-8*-9, 282*-3
Hessel, Mrs. S. A. 177-8
Karageannes, Carrie K. 272-3
Legro, R. A. 203-4, 233-4
L'Hommedieu, M. Carleton 273-4
McGregor, W. G. 112, 166
O'Reilly, Thelma 261-2
Otyпка, Oldrich 56*-9, 79-81, 114-5*, 157
Pease, Ruth 78, 235, 248
Pease, Walter 119
Seal, J. E. 285
Tagg, "Chuck" 186-8
Warrick, Bessie 105
Warrick, "Herb" 189
Wright, Phyllis 92-3, 200, 283
Yochum, John W. 139-40, 250
Ziesenhenné, Margaret 30-33*, 52*-4
Ziesenhenné, Rudolf 5-10*, 27*-9, 247*-8

GENERAL INDEX

- African Violet 79, 80, 81
Angiosperma dicotyledonae x *Cryptocereus anthonyanus* (*cactaea*) 232
Begonia literature 279-80
Pronunciation 208-11
Show schedules 78-9
Begonias — Adventitious growth 55, 64, 133
Basket types 34*
Blooming seasons 40, 111, 134, 236
Bowl culture, see Terrarium culture
Chromosome numbers 66, 203-4, 207, 233-4
Culture 30-3*, 52-4, 91-2, 139-40*, 152*-3, 204,
238
Definition 116
Diseases & pests 65, 254-5, 280
Fertilizing 40, 134
Fragrant 260
Hardiness 92-3
Humidity 89-90
Hybridizing 14, 64, 139, 160, 236, 273-4, 281
Indiana 250
Miniature 13, 40, 182*, 183

- Pollen bank 260
 Potting mixtures 13
 Propagation
 Cuttings 258-9, 280
 Leaf cuttings 14, 111-2, 160, 186, 237, 280
 Seed 13, 89, 111, 134, 183, 260-1, 281
 Registrations 16-7, 35-6, 252-4
 Seed storage 112
 Self pollenating 251-2
 Spotted leaved canes 261
 Stem rot 254-5, 280
 Terrarium culture 40, 112, 183, 186-8, 255, 256
 Watering 40, 56-9, 134, 212, 255, 258
 Winter bloom 111, 134
 X-ray effects 65
 Begonias on the Rocks 152*-3
 Botanical terms – Glossary 195
 Bromeliads
Aechmea luddmanniana 61, 110
Billbergia distachia 279
venezuelana 61, 110
Canistrum lindenii var. *roseum* 61, 110
Vriesea botafogensis 231
 var. *purpurea* 232
flamea 232
friburgensis 232
gladifolia 232
gutta var. *striata* 232
incurvata 232
perfecta 231
platynema 232
 Bubbles and Bowls 186-8
 Christmas cactus 42
 Clark, Alice M 247*, 248
 Coleus 81
 Dacayana, Jan 225*
Dieffenbachia picta 81
 Dyckman, Mrs. Herbert P. 225*
 Electric Shock 90
Epiphyllum 79
 Ferns 61, 90, 231, 236-7, 259-60
Adiantum caudatum 159
gracillum cv. *grandiceps* 159
trapeziforme
Asplenium nidus avis 61
resiliens 259
Ruta muraria 260
Cheilanthes alabamensis 259
Crytogramma Stelleri 259
Currantia robertiana 260
Cystopteris bulbifera 259
Doryopteris pedata 231
Lygodium 259
Phyllitis scolopendrium 150, 260
Pallaea atropurpurea 259
glabella 259
Polypodium squamulosum 159
Platynerium grande 12
madagascariense 231
pumila (*pumilum*) 231
wilhelminae reginae 231
willinkii 12
veitchii 12
Plumosus falcatus 231
 Propagation 231
 Florida State Prison 215
 F₁ Hybrids 273-4
 Fuchsia Society Show 7
 Garden Therapy 215
 Geranium 79
 Gesneriads
Aeschyananthus Black Pagoda 79
lobbiaus 256
rasmoaisima 159, 206
Columnea 'Cornelian' 99
 Early Bird 79
Chirita kurzii 159, 206
Didymocarpus aurantiaca 159, 206
podocarpus 159, 206
Episcia dianthiflora 61, 82
Gesneria parviflora 206
Gloxinia 232
Loxostigma griffithii 206
Lysionotus serrata 159, 206
Rebteineria leucotricha 232
Sinningia regina 279
Streptocarpus 117
 Greenhouse management 14, 139-40
 Gynura 108
Haemanthus katherinae 62
 Heinlein, Mary 117
 Houseplants 105-6
Lantana montevidensis 79
Manettia bicolor 279
 Mealie bug 65
 Meristemic tissues 189
 Mildew 13, 89
 Montreal Botanic Garden 166
 Moss Walls with Begonias 52*-4
 Murphy, Oakley 229*
 Nematodes 284-5
 Note on Notes 279
 On a Seed (poem) 264
 Pease, Ruth 119, 225*
 Pesticides 65
 Plant classification 116
 Plant Growth 189
 Plexiglass Container – Molding 114-5*
 Poinsettia 79-80
 Pollen 14
 Pollen Bank 260
Primula malacoides 41
Primula obconica 41
Rhoeo discolor 79, 81, 257
Saintpaulia 117
 Scale 65
 Slugs 115, 155-6, 167
 Sugar Balls 14
 Sun Dew 40
 Systemics 65
 Tetraploids – Adventitious Bud Technique 117
 Tuberous Begonias (poem) 75
 Wick Watering 56*-9, 79*-81, 114-5
 Ziesenhennel, Rudolf 247*
Zygocactus 42

SPECIAL BEGONIA INDEX

A

- Abel Carriere 63
acaulis 12, 111, 158, 204, 233
acetosa 84, 213, 233
acida 152, 233
aconitifolia 180
acuminata 166, 211-234
acutifolia 234
albo-picta 233
allichiana (*wallichiana*?) 183

- American Beauty 166, 188
 Amsterdam 108
 Amy 166
andersonii 158, 256
 Anna Christine 185
aptera 272
 Aqua Marine 101*, 103, 143
 Aquarius 213
aridicaulis 211, 234
 Aries 213, 253

- Arndt's Stitched Leaf 152
attenuata 280
augustae 233
 Azellia 61, 110
B
 B. K. W. 12, 111
 Baby Perfectifolia 152
baumannii 20
 Beatrice Haddrell 58, 152
 Beryl 25*, 35

- Bhotan species 63
 Black Monarch 54*-5
boisiana 233
boliviensis 37, 234
bornoniensis 233
boutbainensis 132
 Bow-Chancee 58, 79*
 Bow-Joe 182*
 Bow-nigra 3, 261
boweri 179, 182, 234
nigramarga 58, 65, 234
 x Zip 64
bowringiana 233
bradei 58
 Brazillian Heart 63
brooksii (plebeja) 13, 183, 211
 x *incana* 13
 Bunchii 58
- C**
caespitosa 211
 Calla Lily 221*, 257
 Cameroun species 62
capenemae 37*, 62
caragutatubensis 132, 159
 Carol Star x Sunderbruchii 161
 "Carollina" 134
carolinaefolia 234
catbayana 186, 212, 233
cathcartii 233
 Cathlyana 89
 Charm 58
 Cheimantha 201
 China Doll 15*, 182*
Chumasb 252-3
cinnabarina 83, 211, 234
 x *pearcei* 65
circumlobata 233
 Cleopatra 180, 152, 204
coccinea 58, 211, 230, 233
 Cocoeette 16
 Cocoroon 16
 Colorvision Rex 183, 281
conchaefolia 6, 7, 134, 234
 Confederate Gray 64
convalliodora 59
convolvulacea 11, 59, 158, 211, 233
 Corallina 38, 234
 Corallina de Lucerna 30, 59, 157,
 266-7*
crenata 256
crispula 134, 186, 211, 214
cubensis 234
cubincola 234
cucullata 234
 Curly Fire Flush 89
 Curly Silver Sweet 60, 109
- D**
daedalea 5, 6, 7, 8, 9*, 10
davisii 234
decora 233
 Decorus 12, 111
deliciosa 83, 158, 211, 233
 Derby 132
diadema 83, 158, 233
dichotoma 211
dichroa 234, 260, 261
 Diclata 35-6
dietrichiana 43, 261
dipetala var. *warszewiczii* 7
dominicalis 233
 Dorothy Barton 185
dregei 15, 201, 212, 233
 Dumbo 161
- E**
echinosepala 38, 43, 134, 158,
 211, 233, 261
- Ecuador species 205
egregia 205
 Elaine 260
 Elda 65
 Elizabeth Lockhart 260
 Elsie Frey 20
 Emerald Jewel 186
eminii 204, 233
engleri 111, 134, 233
epipsila 108, 261
 False 230
eriocaulis 84
erythrocarpa 211
 Esther Albertine 14, 185, 261,
 269*, 271
evansiana 63, 132, 233
 Exotica 134
- F**
fagifolia 39, 233
falciloba 234
fernando-costae 61, 109
ficicola 180, 211
filipes 89
 Fireflush 4, 89, 141
 Flamingo (cane) 12, 111
foliosa 233
 x *fuchsioides* 236
franconis 38, 251*-2, 256
 Frances Kay 32*
 Frances Lyons 33, 185
 Freda Stevens 110
froebelii 204, 234
fuchsioides 234, 236
fulgens 211
fusca 234
Fuscomaculata 83
- G**
 Gee Dee 14
 Gee Gee 17, 158, 256
gigantea 211, 230
 Gigi Fleetham 185
glabra 233, 278
 var. *cordifolia* 233
 Glendale 141
 Gloire de Lorraine 201
 Glory of Chatelaine 132, 230
 Glory of Cincinnati 111
goegoensis 186, 233, 236
 Golden Sheen 89
 Golden West 141
 Grace Lucas 14, 110
gracilis 211, 234
 var. *grandiflora* 234
grandis var. *evansiana* 233
 Green Glimmer 253
 Green Gold 92-3
 Grey Feather 59
griffithii 186
 Gwen Lowell 33-4*, 185
- H**
 Hannah Serr 36, 73*, 75, 260
 Hazel Snodgrass 213, 253
 Helene Harms 205, 256
 Helen Teupel 64, 125*
bemsleyana 233, 273
 Heracleicotyle 108
beracleifolia 7, 58, 181, 234
berbacea 62, 186, 211, 233, 276*,
 280
biemalis 211
 Hippie 17
hirtella 28, 252
 His Majesty 166
humilis 252
hydrocotylifolia 183, 234, 256
- imperialis* 51, 58, 186, 234
 var. *smaragdina* 234
incana 134, 234
incarnata 234, 278
 Indian Bride 230
 Indian Maid 230
inflata 233
involutocrata 214, 234, 247*, 248
 Iron Cross 39, 160, 181, 230, 250
isoptera 233
 It 111
itaguassuensis 84, 213
- J**
 Jill Adair 12, 33, 111
 Joe Hayden 89, 181, 260
johnstonii 37
josephi 111, 131, 134, 181
jussiaecarpa 233
- K**
 Kallaking 38, 111, 134, 158
 Kathy 205
kellermanni 111, 132, 134
 Kentwood 36, 260
kenworthyii 152, 183, 234, 236,
 281
kublmannii 234
 Kumwha 141-143
- L**
laciniata 233
 Lady Frances 60, 164*, 165*
 Lady Frances Jean 17, 109, 141
 Lady Frances Leatherman 35
 Lady Mac 201
largesna 166
 Lavender Glow 89
 Lenore Olivier 39, 90, 185, 260,
 261
 Seedlings 39, 90
leptotricha 57
 Leuchtfeuer 205, 256
liebmannii 234
 Lil'O'Neill 111, 185
 Lily of the Valley 12
limmingbeiana 52, 183, 234, 278
 x Orange Rubra 183
 Linda 158
listida 59, 83, 183, 236
 x *olsoniae* 236
longipes 233
petiolata 278
 Louise Lackey 89
lubberrisii 60, 109, 234
ludwigii 103
 Lulu Bower x *goegoensis* 236
 Luminosa Compacta 206
luxurians 211
lyncheana 255
- M**
macbethii 37, 152, 183, 280
macdougallii 234, 255
macrophylla 211
maculata 234
 Madam Queen 141
malabarica 233, 278
manicata 6, 234
manicata aureo maculata crispata
 x *kenworthyii* 236, 280
mannii 108
 Maphil 108
 Maphil x *conchaefolia* 161
 Margaret Stevens 110, 185
 Marina 111

- Marjorie Gibbs 201
 Marjorie Sibly 110
 Martha Floro 110
 Mary Armstrong 281
masoniana 83, 141, 152, 160, 181,
 204, 211, 230, 233
maxima 234
mazae 89, 211, 234
megaptera 278
 Melior 111
 Mercury 213, 253
 Merry Christmas 130*, 152*
metachroa 139, 186, 211, 214
metallica 133, 154, 211, 233
 Meximperia 186
micranthera 234, 261-2
vicenturii 262, 281
 x *ecbinosepala* 65, 281
 x *micranthera* 262
minor (mitida) 234
 Miyu Berger 14, 134
monophylla 234
 Moonbug 252
morelii 276-7
 Mrs. Scripps (Mrs. Fred T. Scripps)
 143
 Mrs. Townsend 108
 Mrs. Wallow (Mrs. W. A. Wallow) 143
multiflora type 205
- N**
- Nancy Gail 14
nelumbifolia 134, 211, 234
 Nibowcans 89
nigramarga 182*
nitida 226, 234
 Norah Hanson 14, 245*, 261
nurii 186, 187
- O**
- obscura* 43, 211
octopetala 234
odorata 83
odorata rosea 12, 281
olbia 161, 234
olsoniae 83, 133, 183, 197, 211
 Orange Rubra 59, 141
 Otto Alfred 39
ottonis 234
 Our Indian 152
ovatifolia 131
- P**
- palmaris* 39, 58, 111, 134, 281
 Panama Species (Cane) 39
 Panama Species (Rhizomatous) 39,
 281
paranaensis 43, 108, 111, 183
parilis 38, 233
parva 214, 233
 Patria 61
 Paulanna (Paulana) 213, 254
paulensis 81-2, 132-3, 213, 277
 Peace 76*-7
pearcei 83, 133, 211, 234
 Peggy Stevens 110
 Penny O'Day 36
 Philippine Islands 39
philodendroides 211, 234
Phyllomanica 61
picta 64, 131, 233
picta rosea 58
pilifera 211
 Pink Charm 258*-9*
 Pink Parade 12, 111
 Pink Shasta 59
platanifolia 180*, 230
plebeja 13, 183, 211
plumieri 183, 186
polygonata 234
popenoei 234
porteriana 38, 251-2
 Prince Charming 89, 134
 Prince Charming x Pink Calla 38
 x Pink Parade 111
pringlei 82*
prismatocarpa 214
 Purple Petticoats 141
purpurea 152*
 x *masoniana* 65
pustulata 51, 186
- Q**
- quadralata* 40, 111
 Quakertown 17
- R**
- rajah* 186, 212, 277, 280
 Raspberry Parfait 152
 Red Berry 40
 Red Comet 61
 Red Wonder 205
reniformis 233
rex (species) 237
 Rex Cultorum 31*, 32*-3, 59, 60,
 89, 183, 237, 285
 Upright forms 89
 Richard Robinson 280
 sport 40
richardsiana 84, 152, 212
 x *dregei* 38, 84, 108, 111, 212
 Richmondensis 160, 211
 Riciniifolia 58, 81, 211
 Ricky Minter 141
rigida 103, 211
 Robert Shatzer 16
 Rosalie Wahl 110
 Rose Comet 61
rostrata 252
rotundifolia 65, 183, 256
roxburghii 131, 181
 Rubellina 83
rubro-venia 131, 233
 Ruhrthal 152*, 154
- S**
- sanguinea* 111, 134, 154, 211,
 230, 233
scabrida 166
scandens 233, 278
 cordifolia 278
sceptrum 14, 260, 261
scharffii 157, 181
schmidtiana 158, 234, 257, 282-3*
schultziana 82-3
sementacea (sarmentacea) 197*, 199
semperflorens 4, 52, 58, 108, 112,
 160, 164-5*, 181, 257-9*, 280,
 282
 x *rayed* 65
serratifolia 211, 213-4, 226-7*,
 233
sessilifolia 233
seychellensis 272-3
sikkimensis 131, 181
 Silvadore 103
 Silver Jewel 49*, 51, 141, 186
 Silver *pustulata* 58
 Sir Arthur Leatherman 35
 Sissonii 183
 Sleeping Beauty 158
socotrana 89, 93-4, 111, 201, 202,
 233, 281
solananthera 63
 Sophie Cecile 59, 141, 185, 201,
 261
- Spaulding 152
 Speculata 152
 Spider Web 89
squamosa 211
squarrosa 211
 Starfolia 132, 181
 Stash 1*, 3
staudtii 111, 233
 var. *dispersipilosa* 204, 233
stigmosa 7
strigillosa 5-6*, 7, 8, 9, 10
suaveolens 211
subvillosa 111, 134, 281
subnummularifolia seedlings 90,
 237
sulcata 212, 234
 Sunderbruchii 64, 132, 161, 261
suffruticosa 37
sutherlandii 61, 109, 204, 233
 Upright form 84
 Swanson's Pink 275*
 Swirly Top 134
- T**
- tafiensis* 40, 256
 Tasso 205
taylorii 63, 205, 236, 261, 278, 281
 Templini 3, 64, 166, 183
 Terry-O 89
teuscherei 226, 234
thomsonii 233
 Thrush 40
 Thurstoni 154*
thwaitesii 276-7
tomentosa 61, 84, 110, 158, 159
 var. *meyeri* 84
 Tuberhybrida 14, 59, 160, 173*,
 177-8, 188, 204, 238, 254-5,
 256
 Tuberous rooted Rexes 64
- U**
- ulmifolia* 234
undulata 12, 234
uniflora 278
 Universe 16, 213
uruaensis 234
- V**
- veitchii* 83, 234
vellozoana 83, 132
venosa 38, 158, 277
 Verde Grande 14
versicolor 39, 64, 186, 188, 236,
 255
violaeifolia 13, 236, 261
 Virbob 141
viscida 11
vitifolia 134
- W**
- wallichiana* 183, 252
walteriana 27
 White Mountain 59
 White Tausendschon 230
 Wild Rose 20
 Winning Way 12, 62
wollnyi 180*
- X**
- X-rayed *semperflorens* 65
xanthina 83, 158, 211, 233, 237
 lazuli 237
 pictafolia 237
- Z**
- Zanja 58
zebrina 211
 Zee Bowman 89, 179*
 Zip 65

R. — B. uniflora Watson. Formerly known incorrectly as *B. taylorii* — Mexico. Oddity with rose colored flowers.

S. — Manettia bicolor (“fire-cracker vine”) attractive small climbing plant from Brazil with many tubular red and yellow flowers.

T. — Billbergia distachia. Brazil — Small plant, flowers blue and green, leaf pinkish-brown, tubular growth, partial light.

U. — At least eight different varieties of Gesneriads — mixed only — do not ask for separate names, we do not have them.

V. — B. herbacea Vell. — Curious *Begonia* that grows on fern bark or

wood.

W. — B. egregia syn. *B. quadrelocularis*. Tapering, pebbly leaves, flowers tiny, pink-tipped hearts.

X. — B. Semperflorens — X-Ray — Anything can appear.

We look forward to sending out many packets of the close out sale and hope you will help us. This is a real bargain and can be yours for the price of \$5.00 for the 12 packets or .50 for single packets.

Please send request for seed to:

Mrs. Florence Gee
Seed Fund Administrator
234 Birch Street
Roseville, Calif. 95678

OBSERVING BEGONIA VERSICOLOR

by Yvonne Wells, Mesquite, Texas

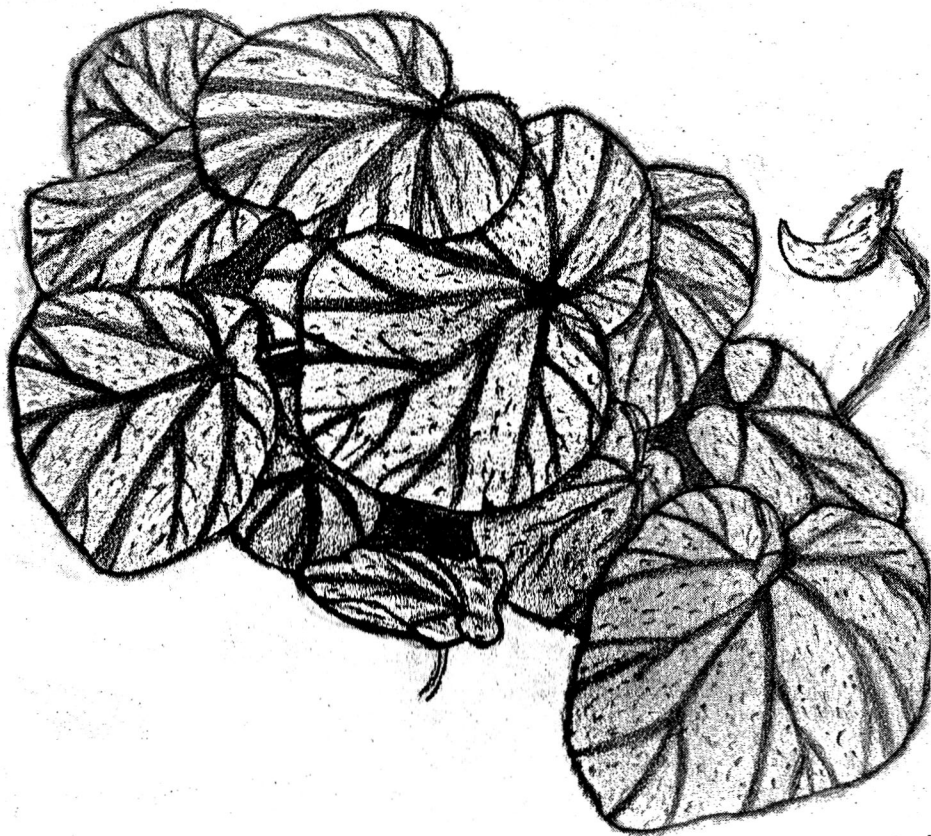
There seems to be no one to date that has really observed *Begonia versicolor*. Why, is a mystery as it is a very beautiful and rare plant and as hard as it is to believe, it's the easiest *Begonia* I own to grow and I have quite a collection. I have had my plant two years and it has proved itself a million times over.

Before I go any further, I will repeat what little background material I have been able to find, which is brief to say the least. It was sent to Leslie Woodriff prior to 1954 from central China before the communist took over Munan Province. It was first called 'Fairy Carpet' by Mrs. Woodriff because of the velvety appearance of the leaves. THAT IS IT! There is not another word on its true discoverer or a botanical

description that I have been able to find.

Begonia versicolor is a low growing rhizomatous, miniature or dwarf in size. It averages 4 to 6 inches in height, leaves are 3 to 4 inches, dark green with dark maroon veins. The entire leaf is splashed with silver. The leaf and petioles are covered with thick red hairs giving a velvet appearance. This is strictly an illusion as the leaves are very pustulated and have a "bumpy" feel to them. The new baby leaves are truly soft as a "fairy carpet". The blooms are a medium to dark pink and the backs are covered with this dark red hairs as are the ovaries of the female blossoms. The female blooms have 5 petals, the males 4, on a 3 to 4

PLEASE TURN PAGE



Begonia versicolor drawn by Charles Wells

(CONTINUED FROM PAGE 65)

inch red hairy peduncle. It blooms in an erect cluster never having more than 3 or 4 blooms to a cluster. When mine first bloomed it had only male blossoms the entire blooming season, the females would drop before maturing. The second season, however, some females appeared of which I took full advantage. As the male flowers seem to have an enormous amount of pollen and they are not possessive, they release it proudly. I now have a nice brown seed pod that has hung on for two months so I am sure it has some good seed.

B. versicolor seems to be an almost everblooming plant only taking very

short rest periods from blooming. It never stops growing. After about a months rest, it burst into full bloom again.

This plant must be grown in a terrarium. However, it does need an airing at least once a day for just a few minutes. It also prefers a cool temperature rather than a warm one, 50 to 60 degrees would probably be perfect. I have mine in a lightly shaded window so it gets quite a bit of filtered sun and seems to enjoy it. I grow *B. versicolor* in long fibered sphagnum moss fertilized with fish emulsion every month or so. When first planting it, let the moss soak overnight in the diluted

fish emulsion. Follow directions on the bottle. This way you won't have to fertilize for at least another month.

Begonia versicolor is readily propagated by leaf and rhizome cuttings, however, it is not always easy or 100% successful. The leaf must be cut half way through and left to callus. Then completely removed from the mother plant and placed in long fibered sphagnum moss, in a covered bowl, dish or jar. A little

plant will first appear at the sinus, then from the stem end. It generally takes from five to six weeks. The leaf should be placed on the moss in such a way that when the plantlet at the sinus appears its roots can reach the moss. I have heard of leaf wedges being rooted in sterilized sand and producing vigorous plants.

Try *Begonia versicolor*. The easiest *Begonia* in the world to grow, not to mention its beauty!

EASTERN CONVENTION AND SHOW

The 6th annual Eastern Convention and Show is scheduled to be held on the 8th and 9th of October 1971, under the sponsorship of the Buxton Branch of the American Begonia Society. The Sheridan Motor Lodge at Lexington has been selected for the meeting.

Professor Fred A. Barkley and Mr. Michael Kartuz are jointly supervising the Convention. Mrs. Evelyn Cronin, President of the Buxton Branch, will make a formal announcement of plans for the Convention as soon as the plans are finalized.

Since the justly famous autumn foliage of this area is at its height at that time it is suggested that guests plan to use the 10th of October for viewing it.

It is the hope of the Buxton Branch that not only the Branches of the American Begonia Society in the Central and Eastern United States, but the National Officers and West coast Branches will be represented at the Convention and where possible in the Show.

Further information may be ob-

tained by writing to any of the following:

Mrs. Raymond C. Cronin
88 Ledgeways
Wellesley, Mass. 02181

Mr. Michael Kartuz
92 Chestnut Street
Wilmington, Mass. 01887

Prof. Fred A. Barkley
Department of Biology 403 Ri
Northeastern University
Boston, Mass. 02115

Mr. Kalil S. Boghdan
Department of Biology 403 Ri
Northeastern University
Boston, Mass. 02115

Mr. Kamil B. El Tigani
Department of Biology 403 Ri
Northeastern University
Boston, Mass. 02115

"THE BEGONIAN" ADVERTISING RATES

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

ROUND ROBIN NOTES

Interest is high in the flights this time of year. Members are discovering new ways of growing *Begonias* and sharing their thoughts and methods with others.

In the Round Robin Notes of January 1971 "Begonian", it was reported that Ruth Stanley of Bellefontaine, Ohio had tried to self Murray Morrison's (of Bronx, N.Y.) *B. herbacea*. Murray reported that three pods finally hung long enough to mature. It took between three and four months for the seed to germinate. Murray reported he left on vacation October 5th and was gone three weeks and didn't have the courage to look at the seeded boxes, being quite certain that nothing had happened. So it was three or four weeks before he dug into that area to see what was happening in the several plastic boxes into which he had placed vermiculite and seed. To his surprise and pleasure the three boxes marked *B. herbacea* selfed all had nice little seedlings. He was sorry to report there was nothing in the other boxes containing the crosses with *B. ficicola*. Murray added, after all that time, not one of these plastic boxes were dry! — still plenty of water and humidity. He feels that no other medium will tolerate such neglect and still bring forth seedlings. Sphagnum moss dries out very quickly for Murray, even when using the closed plastic boxes; but vermiculite just goes on doing its job.

Rex:

Priscilla Beck of Mystic, Connecticut planted her rex *Begonias* in the ground last summer and they were lovely up until frost about October

15th. The cold nights before that did not seem to bother them.

Ann Bello of Brooklyn, N. Y. put a layer of moistened milled sphagnum moss in a deep dish and sets her rex *Begonias* in this and waters from the bottom, always keeping the moss moist. Only time she waters from the top is when the moss in the dish dries, then she puts enough water in the dish to make the moss wet and pours off the excess.

B. crispula:

Priscilla reports that *B. crispula* is ever blooming for her. Everytime this *Begonia* puts up a new leaf, it sends up a flower stalk. *B. crispula* produces only male flowers in the greenhouse, she feels it needs longer and warmer days to produce female flowers. Priscilla has found her *B. crispula* has never minded water on its leaves but does not like hot humid weather. She uses a very sandy soil — one half sand to the rest of the mix. Pat Burdick of Burnsville, Minnesota had rooted two leaves of *B. crispula* without any trouble. They were in covered glass bowls and rooted in moss and vermiculite. She moved them into her home as she felt the greenhouse is too cold. Pat's *crispula* had both male and female flowers.

B. acaulis:

Marilyn Bottjer of Eastchester, New York had transplanted five seedlings of *B. acaulis* from a family pot into separate pots, except one she put on a rock and all were doing very well. They were all alike except one which really spurted into growth, it was a tiny trout leaf *Begonia*.

Begonias on the rocks:

Marilyn planted B. 'China Doll', *B. acaulis* and B. 'Skeezar' on a rock with three holes. Leaves of B. 'China Doll' were a red brown in December instead of their usual distinctive black markings.

Begonias in terrariums:

Elaine Wilkerson of Slaughter, La. reported that *B. subnummularifolia* and B. 'Fiji Island' were growing beautifully in a terrarium in October. Elaine was growing *B. versicolor* successfully for the first time. Elaine moved a terrarium from west kitchen window to north window in the living room and the change was miraculous, *B. lubbersii* has bloom buds since the much brighter light in the morning.

Wilbur Graves of Spanaway, Wash. reported growing *B. nurii* in a terrarium with leaf petioles about six inches long, he decided he did not have enough light as the *Begonias* growing under much stronger light were more compact. Wilbur had *B. violaeifolia* growing fine in a terrarium. He removed what he thought was a plantlet from a rooted leaf, instead it separated into three parts — literally a leaf with its stem and roots. These were put into a terrarium, instead of sulking and dying, as he had expected, they stood firm and straight, got a good toehold and took off! Now he has three beautiful little *Begonias*.

Begonias:

Olive Lever of New Zealand has *B. versicolor* in a terrarium in her home and it has thirteen beautiful leaves, she has already propagated eight young plants from this *Begonia*. The mix in the terrarium is mostly peat moss but she is growing

her young *versicolor* in sphagnum.

Olive reported that one leaf of B. 'Zip' (3099 species) produced eight plantlets, she felt they were quaint with the wee red dot.

Begonias in bowls:

Mae Blanton of Mesquite, Texas has a gorgeous *B. nurii* and a beautiful *B. versicolor* growing in ten inch bowls. She had rooted a leaf of *B. rajab* and moved it to a ten inch bowl. Mae had received two leaves of *B. griffithii* and in ten days the one in rooting medium was looking bad but the one in coarse sphagnum was still looking good. She had received a *B. ficicola* leaf and was hoping to have a nice plant of that *Begonia* too. *B. violaeifolia* bloomed in a bowl for Mae all summer, then rested about two or three weeks and was budded to bloom again in November.

B. engleri:

Yvonne wells of Mesquite, Texas had *B. engleri* with one long old stem with four leaves at the end so she decided to repot it. She was surprised to find a bulb a little smaller than a dime, beneath the soil line, growing on one side of the stem.

If you are interested in joining a flight, tell how you grow *Begonias* and your choice of flights.

Write to:

Mrs. Anita Sickmon
Round Robin Director
R. R. 2, Box 99
Cheney, Kansas 67025

VISIT A BRANCH THIS MONTH

BELVA NELSON KUSLER

"I've been growing *Begonias* since World War II, at which time I moved to Wisconsin with the children while Mr. Kusler was in the Navy. After finding that I could not grow anything but *Sansevieria* in my Chicago situation, I was delighted with the instant success in the changed environment. My love of, and interest in, plant growing has never waned.

"I am 59 years of age, of Danish parentage, my grandparents having been early pioneers in this area of Northern Wisconsin (a little closer to the twin ports of Duluth and Superior than to the twin cities of St. Paul and Minneapolis).

"We live on 33 acres on Big Clam Lake, 3½ miles from the town of Siren, Wisconsin. Ours is a solar house with a south window wall 32 feet long and 8 feet high. Plants are grown in pots set in long trays at the foot of these windows for approximately 8 months of the

year. During the summer they are in two glasshouses built in the shade of the trees. The shelter is necessary to protect from the force of the winds blowing across the expanse of the lake, and to shield from heavy rains, which cause plant damage and leach the nutrients from the soil in the pots.

"Three years ago we built a 14 x 20 foot greenhouse, which has served to speed up the hybridizing process. All small seedlings are raised indoors under fluorescent lights.

"My hybridizing began 20 years ago and in the last years has taken much of my time and effort. B. 'Anna Christine', named after my Mother, was the first *Begonia* that I introduced and registered. Now there are many".

Belva Nelson Kusler
June 29, 1970

(See Editors note next page.)

CHARTER MEMBER

Do you have a Charter Member in your Branch? Recently the East Bay Branch at Berkley, California was treated to a program devoted to a travelogue back through time to its formation by a Charter Member who was one of those responsible for the formation of the Branch. At that time Mr. Martin Boyd was appointed Historian of the Branch and he has preserved all the memorabilia relating to the Branch, records, history, ribbons, trophies and every copy of The Begonian back to 1934 through June 1938 of the Mimeographed issues.

Such a program would serve to

create an interest by the newer members of your Branch in the purpose and ideals of the Branch, bring closer together the new and old members and create a unity of purpose. A program or a portion of a program devoted to "looking back" could create that "spark" to instigate a bigger and better Branch.

(The Editor is indebted to Mrs. E. H. Ellerbusch of the East Bay Branch for the above information.)

A subscription to "The Begonian" would make a nice Birthday gift or a Gift for any occasion.

(CONTINUED FROM PAGE 53)

be dioecious; from the pictures they give of the varieties *nana* and *venturii* it is clear that these are monoecious”.

The Professor's comments on the characteristics of the hybrids resulting from *B. micranthera* var. *hieronymii* crosses certainly follow the same pattern as the reports from the testers of B. 'Lark' Grex. One of my tubers produced lovely brilliant pink blooms with seven tepals, ruffled margins and small petals in the stamens and stigmas. Credit for size must go to the Pease family. They report test tubers ranging from 2½ to nearly 4 inches, obviously female parent trait.

We are deeply grateful to Professor Doorenbos for sharing this important information and the interesting photo which shows that the dioecious characteristics does occur in the *Begoniaceae*.

CORRECTIONS

Please make the following corrections in the February issue:

Page 37, *B. lubbersii*

Page 35, (under picture) Col. Gale.

EDITORS NOTE

Coming next month – a fascinating article about how Belva Kusler grows and selects the *Begonia* hybrids she introduces, watch for it!

DEADLINE for all material submitted for "The Begonian" is the 1st of the month preceeding the next months issue.

Palos Verdes

**Begonia
Farm**

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

TUBEROUS BEGONIAS

COMPLETE SELECTION OF BEGONIAS
AND SHADE PLANTS
FUCHSIAS—CAMELLIAS—FERNS
OPEN DAILY
Complete Nursery & Garden Supply Shop
1½ Miles E. of Redondo Beach
Hi-Way 101

HEINLEIN NURSERY

19395 S. W. 248th Street
Homestead, Florida 33030

12 nice-size plants (our choice) \$10.00
postpaid. (Send \$2.00 extra for
special handling and insurance.)

You may select 12 of any of the following:

BROMELIADS FOLIAGE PLANTS
FERNS SPECIES ORCHIDS
BEGONIAS VINES

OR MIXED

A New and More Complete List will be ready
later and will be sent to those on my
mailing list, or for 10c postage.

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

FREE PRICE LIST

WILSON'S GREENHOUSE
OZARK, MISSOURI 65721

FISHER'S NURSERY – TROPICALS

17747 East Highway 120
Ripon, California 95366

Rex Begonias – Bright colored and
spirals of the most popular varieties.
Sent each a different variety in 3 inch
plastic.

Prepaid postage

5 – \$4.50; 10 – \$7.95; 20 – \$10.85

FREE tropical plant with each order.

Condensed Minutes of the Meeting of The National Board of The American Begonia Society, January 25, 1971

The regular meeting of the Board of the American Begonia Society was held on January 25, 1971 in the Southgate Auditorium. After the usual opening ceremonies, 16 officers and 11 representatives answered roll call. The minutes of the November meeting were read and approved.

The Secretary reported that a copy of the Articles of Incorporation had been received through the excellent cooperation of our Past President, Clarence Hall of Sacramento.

A motion made and carried to enter a display in the Fern Show and to purchase a \$20.00 ad in the Fern Society's Show program.

The Treasurer reported for two months, November 19, 1970 to January 18, 1971; receipts \$2,043.48; disbursements \$2,032.27; leaving a balance on hand as of January 18, 1971 of \$1,503.58. The Fund for the Catalog of Begonias was opened with the amount of \$350.00.

Membership Secretary: (reporting for two months) new members 109; renewals 304; total members on January 19, 1971, 2,164. Funds received and deposited \$1,722.40. Membership Secretary made the following motions: 1 - The ABS set a goal of 500 new members by the end of 1971; 2 - Begonia Boat start flying a banner on the cover with the current membership figure and The Begonian start a drive on lots of membership publicity; 3 - that we publish an illustrated recruiting brochure designed to be given out at fairs, shows etc. The cost subject to Board approval; 4 - The National Board to finance the starting of a new branch with an outright gift of \$30.00 as a good will gesture; 5 - That we publish a brochure on how to start a branch, in all details; 6 - At each show including the National, have a garden display sponsored by the Membership Secretary and each new member be given a plant or some garden item; 7 - That a questionnaire be drawn up and sent to ex-members to find out why they dropped out. Also, a letter of welcome, signed by the President and Membership Secretary, to new members. These motions were seconded and passed.

Advertising Manager: (reported for two months) Receipts \$91.85, unpaid accounts \$62.50.

Mr. Tagg reported for the special Committee appointed to investigate the desirability of having a committee to assist the Editor. They decided it is not feasible to appoint such a committee, however, suggestions were made to relieve the Editor of non-editorial chores. A motion was made and carried; 1 - All advertising matter for The Begonian shall be submitted to the Advertising Manager; 2 - This shall include all advertisements submitted by the ABS, its departments and its Branches; 3 - this shall specifically not include the Seed Fund article which is considered a technical article. A second motion was made and carried; all "Begonian" space occupied by advertising shall be financially accounted for. When this space is used by the ABS, its Departments or its Branches, the advertising costs shall be shown as an expense

so that it may also be shown as a source of revenue. The Seed Fund excluded. The Committee further recommended that the Editor assume the title of Managing Editor and appoint a corresponding Editor to relieve the Editor of much correspondence. The committee also recommended that a Committee be established to prepare a written set of guidelines for the publication of The Begonian.

Walter Pease, reporting for the Awards Committee, made a motion to revise the number of Cultural Award Certificates to conform to the present schedule of classifications, i.e. thick-stemmed, shrub-like, which replace the old division fibrous. An amendment was made to read: One Award Certificate to be available for each Begonia Division in the Show Schedule; Amendment and motion passed. Motion was made and carried to approve payment of \$75.00 for the Fire Insurance policy which covers the office equipment owned by the ABS.

Judges Course Director reported \$23.00 received for sale of Judges Courses, \$29.50 for sale of Classification and Point Scoring books. Seventeen attended the Judging Class in December and 22 in January. Motion made and carried to approve the price of \$2.50 for mimeographed copies of class information updating the Judges Course. These copies to be free to those presently taking the class.

Librarian reported \$145.91 in her bank account.

Round Robin report read; Seed Fund reported \$50.00 sent to Treasurer.

Show Chairman reported good progress made on plans for the 1971 Show and Convention. Motion carried to approve the Pioneer High School in Whittier as the place, and September 2, 3, 4 and 5th as the dates.

Public Relations Director asked the approval of the Board for a change in the Constitution and By-Laws requested by the San Francisco Branch. Motion carried to approve as there is no conflict with the National Constitution and By-Laws.

Because of the lateness of the hour, there were no Branch reports.

Meeting adjourned at 11 p.m.

Respectfully submitted
Irene Grannell, Secretary.

With rushing winds and gloomy skies
The dark and stubborn Winter dies:
Far-off, unseen, Spring faintly cries,
Bidding her earliest child arise:
March!

Bayard Taylor

BEGONIAS GESNERIADS

Many varieties of *Begonias* listed.
Rex, Rhizomatous, Cane, and Rare,
including *B. Versicolor*
Price list — 10c

MRS. ROSETTA WHITE

1602 N.W. Third St., Abilene, Kansas 67410

**BEGONIAS
HOUSE and GARDEN PLANTS**

Send for List—10c

MRS. BERT ROUTH
Louisburg, Missouri 65685

Gloxinias—African Violets—Begonias
Varieties which thrive under
fluorescent light
New Catalog—25c

KARTUZ GREENHOUSES
Dept. B—92 Chestnut Street
Wilmington, Massachusetts 01887

ANTONELLI BROTHERS

2545 Capitola Road

SANTA CRUZ, CALIFORNIA 95060

36-page color catalog 25 cents

There is no job so small that it
can't defeat the man who thinks he
is too big for it.



**AMERICAN
BEGONIA SOCIETY**

INSIGNIA PINS \$4.50
EMBLEM STICKERS50
GARDEN SIGNS 1.00

Price includes postage
(California residents, add 5% tax.)

ORDER FROM

MRS. PEARL BENELL
10331 South Colima Road
Whittier, California 90604



**A.B.S.
LIBRARY
BOOKSTORE**

**The following selection of books are
FOR SALE**

- *Gesneriads And How To Grow Them. \$7.95
by Peggy Schulz
- *Rex Begonias As House Plants \$1.00
by Virginia Withee
- *All About Begonias \$5.95
by Bernice Brilmayer
- *So Say The Experts \$2.00
by Ruth Pease
- Classification Guide Compiled by . . \$1.25
the Westchester Branch, A.B.S.
- *Ferns We Grow by Sylvia \$3.85
Leatherman and Dorothy Behrends
- *Begonias Slanted Toward the \$3.00
Beginner by Dorothy Behrends
- *Platycerium Fern Facts \$4.95
by Wendy Franks
- *The Tuberos Begonia \$10.80
by Brian Langdon
- The Begonian—Complete reprints . . \$6.00
Jan. 1934 through June 1938

Pamphlet — Begonias From Seed —
Sowing and Growing25

The Begonian— 1960-1969 25c per issue
1950-1959 40c per issue
1940-1949 50c per issue

There is a limited number of 1940-1949
issues but will fill each order to the best of
my ability.

*Calif. residents, add 5% tax on these items.

Please include 50 cents to cover postage

Send your orders to:
MRS. LYDIA AUSTIN
15329 Eastwood Avenue
Lawndale, California 90260

HYPONEX
Soluble PLANT FOOD Complete

GROWS BETTER PLANTS INDOORS OR OUTDOORS
In Poorest Soil -- Even In Sand or Water
Preferred by millions for 30 years. Simply dissolve
in water and feed all plants through roots or foliage.
Clean, odorless. If dealer can't supply, send \$1.29
for 10 oz. Makes 60 gals. 75 items catalog Free.

HYDROPONIC CHEM. CO., Copley, Ohio 44321, U.S.A.

BRANCH DIRECTORY

VISITORS ARE ALWAYS WELCOME AT THESE MEETINGS

BRITISH BRANCH

F. J. Bedson, Secy., Kent, England

BUXTON BRANCH

3rd Saturday, Homes of Members
Mrs. Herbert Hurley, Secy.
11 Woodland Rd., Lexington, Mass. 02173

CONNECTICUT BRANCH

4th Sunday of each month
Nellie Radtke, Secy.
24 Cooper St.,
Norwich, Conn. 06360

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.
Charles Badcock, Secy.
2325 Esmond, Richmond, Calif. 94804

EASTSIDE BRANCH

4th Wednesday, 7:30 p.m.
590 116th Avenue N.E., Bellevue, Washington
Edith Lange, Secy.
9905 Belfair Lane, Bellevue, Washington 98004

EL MONTE COMMUNITY BRANCH

3rd Friday, Members' Homes
Mrs. Gladys Mattuket, Secy.
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.
Mrs. Madge Borden, Secy.
602 North Angelino, Azusa, Calif. 91740

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. Frances Perkins, Secy.
3712 Revere Ave., Los Angeles, Calif. 90039

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

INGLEWOOD BRANCH

2nd Wednesday, 7:30 p.m.
Western Federal Savings Building
355 E. Manchester Blvd., Inglewood, Calif.
Lola Somes, Secy.
4849 W. 130th Street, Hawthorne, Calif. 90250

KNICKERBOCKER BRANCH

3rd Tuesday, 7:30 p.m.
McAlpin Hotel, New York City
Mrs. Philip Sarna, Secy.
37 East 30th Street, New York 10016

LONG BEACH PARENT CHAPTER

3rd Sunday, 1:30 p.m.
Great Western Savings and Loan Bldg.
6300 East Spring St., Long Beach, Calif. lif.
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

NORTH LONG BEACH BRANCH

3rd Tuesday, 7:30 p.m.
American Legion Post No. 560
East 59th and Orange, Long Beach
Mrs. Barbara Welty, Secy.
4741 Hazelbrook, Long Beach, Calif. 90808

ORANGE COUNTY BRANCH

2nd Thursday, 7:30 p.m.
Garden Grove Grange Hall, Century and Taft Sts.
Garden Grove, Calif.
Mrs. Ronnie Nevins, Secy.
1913 Aspen Circle, Fullerton, Calif. 92631

PHILOBEGONIA 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. Juanita Spunaugle, Secy.
4248 Mentone Ave., Culver City, Calif. 90230

RHODE ISLAND BRANCH

1st Saturday, Homes of Members
Mrs. Robert Northrup, Secy.
555 Kingstown Road, Peace Dale, R.I. 02883

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. Annette M. Winston, Secy.
2519 Aramon Drive, Rancho Cordova, Calif. 95670

SALINE COUNTY BRANCH OF KANSAS

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

CALENDAR

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 McCooney, 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.
Mrs. Oakley Murphy, Secy.
119 E. Simpson, Ventura, Calif. 93001

SMOKY VALLEY BRANCH

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

SOUTH CAROLINA BRANCH

Mrs. Leonard Thomas
333 Harrow Dr., Columbia, S.C. 29210

SOUTH SEATTLE BRANCH

4th Tuesday, 7:30 p.m., Wm. Moshier Field House
430 South 156th Burien
Sally Harding, Secy.
11632 1st Ave. S., Seattle, Washington 98168

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.
Port Arthur, Texas
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 Fediaczko, 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

March 12 — Philobegonia Branch
Home of Mrs. Edith Waefalear,
Merchantville, N. J. Mrs. Esther
Long will conduct program on
L'Hommedieu questionnaire on
"Roots".

March 16 — Seattle Branch, 7:00
p.m. Regular Meeting. Loyal
Heights Recreation Center.

March 22 — ABS Board, 7:30 p.m.
South Gate City Auditorium, 4900
Southern Ave., South Gate, Calif.
Meetings are always open to mem-
bers.

March 27 — Redondo Area Branch,
7:30 p.m. Wiseburn School, 13500
Aviation Blvd., Hawthorne, Calif.

April 1 — Whittier Branch 7:30
p.m. Regular Meeting, Palm Park,
Whittier.

April 1 — Westchester Branch, 7:30
p.m. Speaker, Mr. W. Murray
"Staghorns A to Z". Visitors most
welcome.

Thank goodness everyone can
make a mistake. Human failability
is a great leveler.

Have you tried raising Gesneriads Indoors—Outside—Under Lights?

Learn about these by joining the
American Gesneria Society; Receive
the beautiful in color G.S.N. publica-
tion. Membership dues \$4.00 a year.

Mail to: AMERICAN GESNERIA
SOCIETY, Worldway Postal Center,
Box 91192 (B), Los Angeles, Calif.
90009.

SECOND CLASS MAIL

American Begonia Society
6157 Lime Avenue
Long Beach, California 90805

BEGONIAS, GERANIUMS, FERNS
RHAPSODIE AFRICAN VIOLETS
Catalog 25c

FLORA GREENHOUSES
Box 1191, Burlingame, California 94010

EXOTIC FERNS, BEGONIAS,
BROMELIADS & CHRISTMAS CACTUS

NEW CATALOG 25c
No Shipping to Florida

TALNADGE FERN GARDENS

Section B, 354 "G" Street
Chula Vista, California 92010

BEGONIAS & PLATYGERIUMS

REX BEGONIA SEED -- \$1.00 per pkt.

RUDOLF ZIESENHENNE

1130 North Milpas Street
SANTA BARBARA, CALIFORNIA 93103

GREEN HILLS NURSERY

Exotic & Hardy Ferns

Open Saturdays and Sundays
10 a.m. to 4 p.m. or by appointment

2131 Vallejo Street St. Helena, Calif. 94574
Mrs. E. Bolduc

SPOONIT
FLOWER FOOD

Send Post Card for Information and Sample

PLANTSMITH

Box 818 Palo Alto, Calif. 94302

BEGONIAS, GERANIUMS, EXOTICS
FERNS, OXALIS, CACTI, HERBS

New 75th anniversary catalog, with more color—50c

LOGEE'S GREENHOUSES

(Est. 1892)

65 North Street, Danielson, Connecticut 06239

LOWE'S NURSERY

REX BEGONIAS (110 varieties listed)
Rhizomatous, Angel Wing, Miniatures and
other Odd and Rare *Begonias*.

BROMELIADS and ORCHIDS
Wholesale & Retail—New price list now ready, 10c
23045 S. W. 123 Rd., Gaults, Florida 33170

GRO-LUX LAMPS—BLACK LIGHT

All sizes of lamps and fixtures
for residence or business.

FLUORESCENT TUBE SERVICE

13107 S. Broadway, Los Angeles, Calif. 90061

Phone (213) 321-6900