

Espinas y Flores

BULLETIN OF THE SAN DIEGO CACTUS AND SUCCULENT SOCIETY
Affiliate of the Cactus and Succulent Society of America, Inc.

Volume XVI, Number 8

August 8, 1981

AUGUST MEETING

Saturday August 8, 1981

1:30 p. m.

Casa del Prado, Room 101, Balboa Park

Our August program will be different than our usual kind with slides. Dorothy Dunn will give a program on the Cactus and Succulents of Baja California. She will have approximately forty plants to show as examples and discuss. This will be our first such program in many years. We have included some biographical information in this bulletin.

---Frank Thrombley

ANNUAL SHOW AND PLANT SALE

Saturday and Sunday August 29 & 30, 1981

1:00-5:00 & 10:00-5:00

Casa del Prado, Room 101, Barboa Park

Our Annual Cactus and Succulent Open House is coming again. And what fun they always are! And how about our Show Program this year (note the artist)? Posters will be available at the August meeting for members to post in their neighborhoods. Entry tags (see examples in this issue also) will be available then as well, or at the show before Judging (1 p. m. - 8 p. m. August 28 or 7 a. m. - 10 a. m. August 29). The Registrar & Clerks Chairman, Betty Athy, would like all members displaying plants to check in with her first before placing their plants on the appropriate table. The plant sales will be in Room 102 this year. Donated plants are welcome, but they should be named and

cont. on p. 4

IN THIS ISSUE:

Page

August Program — Frank Thrombley	1
Annual Show — Martin Mooney	1
President's Message — Rick Latimer	2
Botanical Shows — Elizabeth Glover	2
Special Announcements — Johnson, Athy, Roths, & Dice	3
Dorothy Dunn — Frank Thrombley	4
Austrocephalocereus — Frank Thrombley	6
Dorstenia & Ficus — Madelyn Lee	7
Officers, Directors, & Committees — Rick Latimer	8

PRESIDENT'S MESSAGE

Our major event of the year is coming this month — our Show! It is always alot of work, but more so alot of fun for those involved. The more members who involve themselves in this special event, means less work for each member and more fun for each member. We were all quite pleased to see all those beautiful plants brought in, especially by our "Amateurs"! There were only four prizes per the two categories, so some of the same plants at our Mini-Show will probably get Blue Ribbons at our Open House, even though they won lesser ribbons or none at all! Our congratulations to these winners:

Novice Group:

- | | |
|-----------|---|
| 1st Place | Dorothy Dunn for <u>Haworthia emelyae var. beukmannii</u> |
| 2nd Place | S. N. Winters for <u>Caralluma adscendens</u> |

cont. on p. 4

SHOW SCHEDULE FOR AUGUST 1981

Aug. 1 & 2	San Diego Dahlia Show	Sat:2 - 5 pm, Sun:10 am - 5
Aug. 15 & 16	San Diego Fern Show	Sat:11 am - 5 pm, Sun:10 am - 5 pm
Aug. 22 & 23	San Diego Turtle & Tortoises	Sat & Sun: 10 am - 5 pm
Aug. 29 & 30	San Diego Cactus & Succulents	Sat:1-5 pm, Sun:10 am - 5
Sept. 5 & 6	Ikenobo School of Ikebana & Calligraphy Show	Sat & Sun: 11 am - 4:30 pm

—Elizabeth Glover

We proudly welcome the following new members:

Georgia Richmond, San Diego
Bud Aubuchon, Chula Vista
Gerald Bratmiller, Bonita

—Joan Johnson

We graciously thank those who so generously gave to our library:

Meritorious Mammillarias

by W. F. Maddams
a gift of Artie & Betty Bishop

&

Newsletters of the Aloe, Cactus
and Succulent Society of Rhod-
esia March 1973 - Sept. 1978
a gift of Jim & Shirley Berry

—Betty Athy

We thank Barbara Jolly for bringing
in those Dioscorea bulbiliferas last
meeting

—John Roth

A reminder that the following mem-
bers have signed up to provide re-
freshments for the August meeting:

Marcelle Barfield
Helen Bowen
Helen Brinkley
Amna Cornet
Evelyn Diamond
Judy Hannula
Francis Johnson
Sophie Loyland
Judy McNulty
Jean Parks
Edith Pratt
Marianne Thrombley

—Nancy Roth

CACTI AND SUCCULENTS SYMPOSIUM

A Cacti and Succulent Symposium in honor of Dr. Lyman Benson will be held Saturday, October 24, 1981, at Cal. State Univ. at Fullerton. The symposium is co-sponsored by the Southern Calif. Botanists and the CSUF Dept. of Biological Science. General admission is \$10.00 and \$5.00 for SCB members and students. It will be held in the University Center Multipurpose Room. The address is: California State University, Fullerton, 800 No. State College Blvd., Fullerton, Ca. One unit college credit available through California State University, Fullerton, Extended Education. For further info, call 714/773-2611.

The following is a tentative program of the symposium:

8:00-9:00	Registration
9:00-9:05	Welcome & introductions - David L. Walkington, CSUF
9:05-9:15	Introductory Remarks - Lyman Benson, Professor Emeritus, Pomona College
9:15-10:00	Edward F. Anderson, Whiteman College - "The ecology and evolution of the Galapagos Island opuntias"
10:00-10:15	Break
10:15-11:00	Jerry McLaughlin, Purdue Univ. "Cactus alkaloids: Chemotaxonomy"
11:00-11:45	Arthur C. Gibson, UCLA. "Innovative structural designs of cacti"
12:00-1:30	Lunch Break - Open House, Arboretum & Greenhouses
1:30-2:15	Irwin P. Ting, UC at Riverside, "Responses of cacti and succulents to water stress: shifts in metabolism from C ₃ to CAM"
2:15-3:00	Donald Pinkava, Ariz. State Univ. at Tempe, "Cactus chromosomes & hybridization"
3:00-3:15	Break
3:15-4:00	Reid Moran, Museum of Natural History, San Diego, "Stonecrop family: Variations on a pattern"
4:00-4:15	Summary - D.L. Walkington
4:30-5:30	Reception, University Center Patio. Hosted by the Dept. of Biological Science

—Jim Dice

We are saddened at the news of the loss of our member Barrett A. Shaw and the mother of our longtime member Nellie Kennett. We give our sympathy to Nellie and Mrs. Shaw and dedicate this issue in their memory.

—Rick Latimer

THE DEADLINE FOR THE SEPTEMBER AND
THE OCTOBER ISSUE WILL BE AUGUST 26!

DOROTHY DUNN

A CONDENSED BIOGRAPHY

by Frank Thrombly

Dorothy was born near San Bernardino, California. She was indeed a gifted child, for at the age of 4 years she was playing the piano and reading music. She is a person with an extraordinary quality of possessing a "perfect pitch". Upon entering college she had hopes of being a concert pianist and graduated from Southern California with a Masters Degree in music (piano).

Her interest in succulent plants dates from recent times, becoming a really serious "affliction" less than ten years ago. In 1972 she moved from the San Fernando Valley to the Oceanside-Vista area, and in 1973 joined the Palomar Cactus & Succulent Society. She served as the club librarian for four years. Dorothy is still a member of the Palomar Club and in addition to acquiring plants for the club's sales table, she writes their "Plant-of-the-Month" articles and conducts the "Plant-of-the-Month" discussions at each meeting.

Dorothy is presently employed by Cooper's Cactus Nursery in Vista. Her prime responsibilities at the nursery are plant propagation and working with new species.

Her interest in classical music and playing the piano has not diminished. However, Dorothy's favorite forms of recreation are hiking, and taking "exploring" trips into the wilderness areas of Baja California in the company of fellow "cactophiles".

Dorothy joined the San Diego Cactus & Succulent Society in June of this year and I would like to echo what Joan Johnson said in the July Bulletin, "Welcome".

SHOW NEWS CONTINUED:

priced. And do not forget to groom your plants for the show! It is a good idea not to water your plants just before the show. The water will run out and leave unsightly damp areas on the table covers. If we all work together, we will make this our most successful show ever!

---Martin Mooney

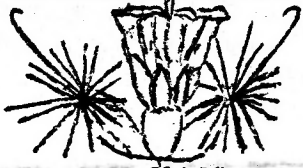
PRESIDENT'S MESSAGE CONTINUED:

3rd Place John Myers for Uebelmannia pectinifera
4th Place Ramona Huftill for Euphorbia lactea cristata


Advanced Group:

1st Place Gerald Dice for Caralluma socotrana
2nd Place Bob Taylor for Mammillaria collinsii
3rd Place Floyd Cable for Mammillaria magnifica
4th Place Warren Buckner for Bursera fagaroides cont. on next p.

TYPE OF NAME TAG THAT WILL BE USED FOR THE AUGUST SDC&SS SHOW

DIV. _____ CLASS _____		
VARIETY _____		
Name _____		
Address _____		
1st 0 AWARD	2nd 0 AWARD	3rd 0 AWARD
1st 0 AWARD	2nd 0 AWARD	3rd 0 AWARD
Name _____		
SAN DIEGO CACTUS and SUCCULENT SOCIETY 		
DIV. _____ CLASS _____		
VARIETY _____		

BLANK TAGS CAN BE PICKED UP AT THE AUGUST 8 MEETING OR WHEN ENTERING YOUR PLANTS.

DIV. <u>1</u> CLASS <u>13</u>		
VARIETY <u>MAMMILLARIA</u> <u>BOCASANA</u>		
Name <u>JOHN DOE</u>		
Address <u>ESCONDIDO</u>		
1st 0 AWARD	2nd 0 AWARD	3rd 0 AWARD
1st 0 AWARD	2nd 0 AWARD	3rd 0 AWARD
Name <u>JOHN DOE</u>		
SAN DIEGO CACTUS and SUCCULENT SOCIETY 		
DIV. <u>1</u> CLASS <u>13</u>		
VARIETY <u>MAMMILLARIA</u> <u>BOCASANA</u>		

AN EXAMPLE OF HOW TO FILL OUT THE NAME TAG.

NOTE: WHEN ENTERING YOUR PLANTS HAVE NAME TAGS FILLED OUT. FOLD THE TOP OF TAG, AT THE PERFORATION, UNDER THE LOWER PART. PLACE TAG UNDER THE POT SO THAT THE JUDGES CANNOT SEE YOUR NAME, BUT CAN SEE THE SDC&SS LOGO. DO NOT LEAVE PLASTIC NAME TAGS IN YOUR POTS. PUT YOUR NAME ON THE BOTTOM OF YOUR POT FOR IDENTIFICATION.

We also thank our Judges!

Would anyone be interested in having Ada Perry visit their garden and have her write an article as publicity for our Show? It would have to be a flat garden and she does not care for Euphorbias (or is it already too late?). Did anyone attend the program on June 27 about the cactus flowers of Baja given by Professor Reyes of the Universidad Autonoma de Baja California? Bring your Astrophytum and Pachypodiums & Adeniums this month too --- Rick Latimer

CACTUS-OF-THE-MONTH

Austrocephalocereus Backeberg

F. C. Thrombley

Austrocephalocereus (ôs-trô-séf'-ă-lô-sē'-rē-ŭs)
Cereus Group

A genus of Cerei from the country of Brazil, South America. This genus was established by Backeberg to include the sole Brazilian genus with glabrous (devoid of hair) flowers, and a lateral cephalium which does not arise from a groove or cleft. He described four species, A. dybowskii, A. lehmannianus, A. purpurius and A. albicephalus, which can be found listed under Cephalocereus by other authors.

Cephalocereus was erected by Pfeiffer in 1838 for a genus whose type-species had white hairs and a broad cephalium, at first on one side only of the stem, but later sometimes enveloping the entire apex. The flowers and fruit were hairy. Later this became a comprehensive genus to which plants with different characters or flower and cephaloid development were referred.

Austrocephalocereus species are offsetting at the base and have branches that are 3 to 5 inches in diameter and grow to 12 feet high at maturity. The cephalium can grow to be 3 feet long with 5 inch bristles and can consist of thick wooly tufts. The flowers are nocturnal and are white, pink, redish or shades of these colors.

All species should be of easy cultivation and very resistant. They can take full sun but probably should have some shelter in winter where frosts are heavy. Austrocephalocereus is considered a tropical genus and therefore will take a moist atmosphere and should do well along the Southern California Coastal area where it is frost free. The soil should be of good garden loam-gritty or gravelly for good drainage.

Since the publication of Backeberg's book, "Cactus Lexicon", new species have been discovered. One such is listed in the latest Grigsby Cactus Gardens wish letter. It is Austrocephalocereus estevesii and is described as follows:

A new species of great beauty whose multi-ribbed blue body is furnished with many golden spines. I, for one, cannot resist - there certainly is room for just one more plant in my garden.

Reference used:

Backeberg, Curt 1977 Cactus Lexicon Blandford Press, England

FIG NOTES:

The Rubber Tree is Ficus elastica, the Moretown Bay Fig is Ficus macrophylla, and the edible fig (with many cultivars) is Ficus carica.

---Fig Newton

SUCCULENT OF THE MONTH FOR AUGUST

DORSTENIA

-- family Moraceae (Fig family)

FICUS

DORSTENIA

Of the 200 or so species in this genera only 32 species and varieties are succulent. It is interesting to note that in 1954 only four succulent species were listed. In 1970 there were 32. You can argue what is a succulent and when isn't a succulent. I imagine the argument will go on forever. It could be that the 28 plants 'considered' succulents during those 16 years were known all along, but also during that time botanists specifically interested in succulents were out in the field looking for succulent plants. During those years many succulent plants were described and re-located. You the collector were interested and so the scientific community became interested and received the necessary support to do their work.

Dorstenias range through East Africa, Madagascar and India. They vary in size from four feet, D. gigas, to a few inches tall. Some have succulent stems, some have tubers, all are fascinating. A tuft of shiny, lance shaped leaves at the top of a stem speckled with light leaf scars. And what flowers! You can't even see the individual flowers at all. All you see is a coin or triangle shaped pebbly surface surrounded by long rays with drops on the end. Or, if you wish, a fig without its 'pucker'. In fact an opened fig laying flat. The flowers seem to be self-fertile and the seeds form under the surface. When ripe they shoot out for several feet from the plant.

Dorstenias are not 'easy' to grow. Keep them in the smallest pot possible. Keep warm and partly dry in the winter dormant period. Some shade and very good drainage necessary.

FICUS

You might say this is a fig of a different color. In fact the bark is a nice yellow-white. From Mexico and Baja Calif. these plants start as epiphytes and grow into shrubs or 30 foot trees. You have heard of 'strangler figs', well that is our Ficus. The roots hang down from the host tree or root in rock cracks and then 'creep' in cream colored waves over everything in sight. In a pot they have better manners and the fat, cream colored trunk and semi-heart shaped leaves are very attractive.

Water normally when plant is growing and, when leafless during the winter dormant period, water lightly.

WARNING: Both of these genera hate insecticides, especially Cygon. Do Not apply directly to the plant but use in the soil as a systemic.

FOR MORE INFORMATION READ:

Complete Handbook of Cacti & Succulents by C. Innes
Lexicon of Succulent Plants by H. Jacobson
Illustrated Encyclopedia of Succulents by G. Rowley
Cactus & Succulent Journal (U.S.) Many articles

---Madelyn Lee

JUDGING SCALE

SPECIMENS, COLLECTIONS, and DISPLAYS

Condition	70%
Staging	15%
Size & degree of maturity	10%
Nomenclature	5%

EDUCATIONAL DISPLAY

Educational value	80%
Staging & originality	20%

ARRANGEMENTS

Judges option	100%
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SHOW COMMITTEE

SHOW CHAIRMAN	Martin L. Mooney 427-6796
SHOW MANAGER	Frank Thrombley 487-5544
REGISTRAR & CLERKS CHAIRMAN	Betty Athy 469-7647
HOSPITALITY CHAIRMAN	Perlo Lewis 583-9085
SALES CHAIRMAN	John Pasek 271-0515
IDENTIFICATION CHAIRMAN	Ron Monroe 461-8444
PUBLICITY CHAIRMAN	Warren Buckner 469-1391
TREASURER	James Berry

PLANT SALES

ROOM 102

10:00 A.M. — 5:00 P.M. Saturday & Sunday
August 29 & 30

SAN DIEGO CACTUS & SUCCULENT SOCIETY

ANNUAL SHOW and PLANT SALE

SATURDAY AND SUNDAY
29, 30 AUG 1981
1:00-5:00; 10:00-5:00

ROOM 101
CASA DEL PRADO
BALBOA PARK
CALIFORNIA

CLASSIFICATION

Classes 1 through 50 are "A" and "B".

"A" = 6" and under, "B" = over 6".

Judging Saturday 29 August 10:00 A.M.—1:00 P.M.

DIVISION I CACTI— Individual Potted Specimens

CLASS

1. Ariocarpus, Obregonia
2. Astrophytum
3. Aztekium, Epithalantha
Pelecypora, Turbinicarpus
4. Copiapoa, Islaya
5. Coryphantha, Escobaria Neolloydia
6. Discocactus, Uebelmannia
7. Echinocactus, Echinofossulocactus
Echinomastus, Ferocactus
8. Echinocereus
9. Echinopsis, Lobivia
10. Frailea, Blossfeldia
11. Gymnocactus, Thelocactus
12. Gymnocalycium
13. Mammillaria
14. Matucana, Oroya, Submatucana
15. Melocactus
16. North American Cereus
17. South American Cereus
18. Neochilenia, Neoporteria
19. Opuntia, Tephrocactus
20. Notocactus
21. Parodia
22. Rebutia, Sulcorebutia, Weingartia
23. Any other Genus
24. Crests, Monstrose, Variegates
25. Collections (Up to 10 different
species of any genus or sub-tribe)

Room 101

Casa del Prado

Saturday, August 29 1-5 P.M.

Sunday, August 30 10 A.M.-5 P.M.

SET UP TIME

Friday, August 28 10 A.M.-8 P.M.

Saturday, August 29 7 A.M.-10 A.M.

TAKE OUT TIME

Sunday, August 30 after 5 P.M.

CLASSIFICATION

DIVISION II OTHER SUCCULENTS Individual Potted Specimens

CLASS

26. Anacampseros, Talinum, Portulacaria
27. Aeonium, Kalanchoe
28. Agave, Yucca
29. Aloe
30. Bursera, Fouquieria
31. Calibanus, Beaucamea
32. Cissus, Cyphostemma
33. Cotyledon, Crassula
34. Dioscorea, Testudinaria
35. Dudleya, Sedum
36. Echeveria
37. Euphorbia
38. Gasteria, Haworthia
39. Graptopetalum, Pachyphytum, Tacitus
40. Idria
41. Pachypodium, Adenium
42. Conophytum
43. Lithops
44. Other Mesembryanthemums
45. Sarcocaulon, Pelargonium
46. Stapelia, Caralluma, Huernia
47. Trichocaulon, Hoodia, Pseudolithos
48. Any other Genus
49. Crests, Monstrose, Variegates
50. Collections (Up to 10 different
species of any genus or sub-tribe)

DIVISION III ARRANGEMENTS

51. Dish Gardens (miniature scene)
with props
52. Planters
53. Terrariums

DIVISION IV

54. Educational Display

DIVISION V

56. Individual Display

SHOW RULES

Open to anyone with an interest in succulent plants. There is no limit to the number of entries per class or the number of classes entered. No entry shall be entered in more than one class. All property shall be marked with the owner's name, not visible to the judges. Plants must be grown by the exhibitor for six months. Grafted plants will be accepted in any class. All entries must have entry cards and exhibitors are responsible for placing entry cards with their entries. Awards must remain with exhibits until close of show. The show committee reserves the right to reject plants or exhibits and to readjust entries for the good of the show. Show hours must be followed. The San Diego Cactus and Succulent Society will exercise due caution in safeguarding exhibits; however, it cannot assume responsibility for injury or loss of property. Entries are judged against perfection. The judges' decisions are final. The show Chairman shall make all final decisions, except in matters of judging.

AWARDS

FIRST, SECOND and THIRD place ribbons will be awarded in each class; however, should the judges feel that a FIRST, SECOND, or THIRD place is not merited it will be withheld.

BEST CACTUS

BEST SUCCULENT

BEST EXHIBIT

BEST EDUCATIONAL DISPLAY

MOST ARTISTIC DISPLAY

BEST MEXICAN PLANT IN SHOW

BEST EUPHORBIA

BEST GRAFT

BEST ALOE

SWEEPSTAKES TROPHY

Phillip Corliss Plaque

Ruby Falk Plaque

Reuben Vaughan Plaque

C.S.S.A. Award

Walter & Hazel Scott Plaque

Dudley B. Gold Trophy

Lydia Evans Cup

Bob & Suzanne Taylor Trophy

Barbara Jeppe Trophy

San Diego Cactus & Succulent Society

Officers

President - Rick Latimer	
5990 Lake Murray Blvd., La Mesa, CA. 92041	463-1655
1st V. Pres. - Frank Thrombley	
16333 Roca Drive, San Diego, CA. 92128	487-5544
2nd V. Pres - John Pasek	
10283 Covina Place, San Diego, CA. 92126	271-0515
Recording Secretary - Beverly Kirkegaard	
10009 Bonnie Vista, La Mesa, CA 92041	463-2801
Treasurer - Joan Johnson	
3599 Via Zara, Fallbrook, CA. 92028	728-7317
Corresponding Secretary - Anna Cornett	
3905 Ibis St., San Diego, CA. 92103	291-6426
Immediate Past Pres. - Tom Hamecher	
996 Terrace Crest, El Cajon, CA. 92020	440-6245

Board of Directors

Elizabeth Athy, Shirley Berry, Dr. Ronald Monroe
Martin Mooney, Lee Phelps & Phyllis Flechsig

Committees

Activities:

Audit: James Berry

Conservation: Dr. Ronald Monroe

Education:

Cacti - Frank Thrombley and Dr. Ronald Monroe

Succulents - Madelyn Lee and Dr. Leroy Phelps

Exhibits:

Bragging Table - Shirley Berry

V.I.P. (Very Important Plants) Table - Sandra Buck

Historian: Rick Latimer

Library: Elizabeth Athy, Ruth Nelson and Caroline Miller

Membership: Joan Johnson

Open House: Martin Mooney

Plant Exchange Table: John Roth

Plants & Supplies Table: John Pasek and Gerald and Eleanor Dice

Programs: Frank Thrombley

Publication: Rick Latimer

Reception: Rose D'Attilio and Perlso Lewis

Regalement: Nancy Roth

Representatives:

Balboa Park Desert Garden - John Pasek

Quail Botanical Garden - Audrey Johnson

S. D. Botanical Garden Foundation - Elizabeth Glover

S. D. Floral Association - Verna Pasek

The San Diego Cactus & Succulent Society is open to all persons interested in growing cacti, other succulents and exotic plants. Meetings are held the second Saturday of each month at 1:30 pm in Room 101, Casa del Prado, Balboa Park. Board of Directors meetings are held after the general meetings. Annual dues are \$7.00 per family. Single copies of Espinas y Flores are 60¢.

Editor
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FIRST CLASS

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