



Espinas y Flores

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

Volume XIX, Number 1

July 14, 1984



1984 Plant Show Winners

Class

- 1A Obregonia denegrii
Martin Mooney
- A. scapharostrus
Robert Kent
- A. kotschoubeyanus
R. Kent
- 2A Astrophytum asterias
R. Kent
- A. capricorne v. aureum
R. Kent
- 3A Epithelantha micromeris v. un-
M. Mooney guispinus
- E. micromeris
M. Mooney
- Turb. lauii
Jerry Brattmiller
- 4A Copiapoia mollicula
R. Kent
- C. grandiflora
R. Kent
- C. krainziana
J. Brattmiller
- 5A Escobaria leei
Lee Phelps
- Coryphantha connivens
R. Kent
- E. runyonii
R. Kent
- 6A Buiningia brevicylindrica
J. Brattmiller
- Uebelmannia pectinifera
J. Brattmiller
- B. purpurea
R. Kent
- 7A Echinomastus unguispinus
R. Kent
- Gymnocactus gielsdorfiana
R. Kent
- G. beguinii v. senilis
J. Brattmiller

Class

- 1B Ariocarpus retusus
Beverly Kirkegaard
- A. retusus
R. Kent
- Leuchtenbergia principis
M. Mooney
- 2B A. capricorne
R. Kent
- A. myriostigma
R. Kent
- A. myriostigma
Douglas Shultz
- 3B E. greggii
R. Kent
- Turbinicarpus pseudopectinata
R. Kent
- Toumeyia papyracantha*****
R. Kent
- 4B C. dealbata
R. Kent
- C. haseltoniana
M. Mooney
- C. sp. (Chaneral)
R. Kent
- 5B Neolloydia grandiflora
R. Kent
- C. erecta
Frank Thrombley
- C. vivipara
Bud Aubuchon
- 6B Discocactus silicola
R. Kent
- U. pectinifera
R. Kent
- E. brevicylindrica
R. Kent
- 7B Ferocactus chrysacanthus
Joe Clements
- Thelocactus sanchez-mejoradae
Joan Johnson
- F. acanthoides v. rostii
Dorothy Dunn

- 8A Echinocereus puchellus
R. Kent
- E. fendleri v. rectispinus
J. Johnson
- E. davisii
R. Kent
- 9A Sulcorebutia heliosa v. caja-
J. Brattmiller ensis
- Lobivia crassicaulis
J. Brattmiller
- L. winteriana
Sandy Frost
- 10A Frailea chrysacantha
J. Brattmiller
- F. schilinzkyana
J. Brattmiller
- F. schilinzkyana
F. Thrombley
- 11A Gymnocalycium ochoterenai
R. Kent
- G. pungens
B. Aubuchon
- G. cardenasianum
R. Kent
- 12A Mammillaria pectinata
R. Kent
- M. rekoi v. leptantha
R. Kent
- M. microthele
J. Johnson
- 13A Matucana weberbaueri
J. Brattmiller
- Eomatucana oreodora
R. Kent
- Oroya borchesii
J. Brattmiller
- 14A Melocactus amoenus
R. Kent
- M. matanzanus
Rudy Lime

- 8B E. lindsayii
R. Kent
- E. puchellus
R. Kent
- E. knippelianus & E. k. v.
R. Kent (both) kruegerii
- 9B Acanthocalycium peitscherianum
J. Brattmiller v. violaceaf.
- L. sp.
R. Kent
- A. klimpelianum
R. Kent
- 10B
- 11B Weingartia neumanniana
R. Kent
- W. pilcomayensis
R. Kent
- G. monvillei
J. Brattmiller
- 12B M. nivosa
R. Kent
- M. hahniana & M. plumosa
Warren Buckner R. Kent
- M. carmenae & M. bombycina
D. Dunn R. Kent
- 13B Borzicactus myriacantha
J. Clements
- M. chagualensis
R. Kent
- Subm. aureiflora
F. Thrombley
- 14B M. depressus
R. Kent
- M. glisleoviridis
R. Kent
- M. deinacanthus
R. Kent

- 15A M. eruca
J. Brattmiller
- 16A Thrixanthocereus blossfeldi-
J. Brattmiller orum
- T. senilis
J. Brattmiller
- 17A Neochilenia nigrascoparia
J. Clements
- N. sp.
J. Johnson
- 18A Neoporteria atrispinosa v. -
J. Brattmiller villosa
- Horridocactus echinus v. minor
R. Kent
- H. aspillagai
R. Kent
- 19A Notocactus scopa v. murielli
Cathy Frost
- N. warasii
S. Frost
- 20A Tephrocactus sphaericus
F. Thrombley
- T. verticosus
F. Thrombley
- O. sp.
F. Thrombley
- 21A Parodia lauii
D. Dunn
- P. chrysacanthion
J. Clements
- P. splendens
S. Frost
- 15B Machaerocereus eruca
F. Thrombley
- Cephalocereus senilis
J. Brattmiller
- 16B Eulvchnia st. pieana
R. Kent
- Pseudopilosocereus superfloc-
F. Thrombley cosus
- Stephanocereus leuchostele &
F. Thrombley
- Oreocereus celsiana
D. Schultz
- 17B N. paucicostata v. viridis
J. Brattmiller
- N. aspillagai
J. Brattmiller
- 18B Eriosyce aurata
R. Kent
- N. subgibbosa
J. Brattmiller
- N. subgibbosa
R. Kent
- 19B N. neobueneckeri
R. Kent
- N. leninghausii
D. Dunn
- N. uebelmannianus?
B. Aubuchon
- 20B Opuntia ruiz-lealii* & *****
R. Kent
- T. microsphaericus
R. Kent
- O. pachypus
R. Kent
- 21B P. penicillata
D. Dunn
- P. mairanana
R. Kent
- P. aurispina & P. maxima
R. Kent B. Aubuchon
- 22A Rebutia puchella
J. Brattmiller
- R. heliosa
M. Mooney
- R. puchella
William Hanna
- 23A Rhipsalis fasciculata
W. Hanna
- Rhipsalidopsis 'China Pink'
Lee Phelps
- 24A Cochemia lalei
J. Brattmiller
- C. setispina
J. Brattmiller
- Delaetia woutersiana
R. Kent
- 25 Lobivia famatimensis cristata - Douglas Shultz
Espostoa ritteri cristata - Lit Phan
Turbinicarpus valdeianus cristatus - Phyllis Flechsig
- 26 Mammillarias - R. Kent
Mammillarias - J. Brattmiller
Uebelmannias - R. Lime
- 27A Adenia sp.
R. Kent
- A. keramanthus
J. Brattmiller
- 28A Monanthes muralis
Barbara Jolly
- Monanthes subcrassicaulis
D. Dunn
- M. muralis
John Williams
- 29A Agave filifera v. compacta
D. Dunn
- 22B R. wessneriana
R. Kent
- R. muscula
J. Brattmiller
- R. albipilosa
J. Brattmiller
- 23B Hatiora salicornioides*****
W. Buckner
- R. horrida
W. Buckner
- R. rauhiorum
W. Buckner
- 24B Ortegocactus macdougallii
R. Kent
- Sclerocactus pubispinus
R. Kent
- C. poselgeri
J. Brattmiller
- 27B A. fruticosa
J. Brattmiller
- 28B Sempervivium calcareum
J. Brattmiller
- 29B A. filifera v. compacta
F. Thrombley
- A. polianthiflora
D. Dunn
- A. parviflora v. minima &
D. Schultz
- A. arizonica
J. Johnson

- 30A Alluaudia comosa
J. Brattmiller
- Alluaudia humbertii
J. Brattmiller
- 31A
- A. descoingsii hybrid
P. Flechsig
- 32A Talinum caferum
R. Kent
- Portulacaria afra variegata
R. Lime (3rd)
- 33A
- C. hookeri
J. Brattmiller
- 34A Bombax ellipticum
R. Lime
- Fouquieria mcdougallii
R. Lime
- F. fasciculata
J. Brattmiller
- 35A Cissus cirrhossa
J. Brattmiller
- Ci. tuberosus
J. Brattmiller
- 36A Conophytum sp. (2nd)
Rick Latimer
- 37A Tylecodon sinus-alexandrae
L. Phelps
- Adromischus sp.
R. Kent
- A. klinghardtii
R. Kent
- 30B Didierea madagascariensis
Ruby Winters
- Decarvia madagascariensis
P. Flechsig
- A. comosa
R. Kent
- 31B Aloe calcariophylla*****
Lee Phelps
- A. dorothea
J. Johnson
- A. haworthioides
D. Dunn
- 32B
- Anacampseros telephiastrum
M. W. Lemrow (3rd)
- 33B Calibanus hookeri
J. Brattmiller
- Beaucarnea recurvata
J. Brattmiller
- B. stricta
John Pasek
- 34B Pachycormus discolor
R. Lime
- F. fasciculata
J. Johnson
- F. (Idria) columnaris***** &
J. Brattmiller
- Bursera sp. - R. Lime
- 35A Cyphostemma juttiae
F. Thrombley
- 36B
- T. buchholziana
M. Mooney
- A. aricolor
Brunhilde Grothe
- A. cooperi
M. Lemrow
- 38A Crassula 'Ivory Pagoda'
D. Dunn
- C. ausiensis v. giessii
D. Dunn
- C. colummella
D. Dunn
- 39A Dioscorea sylvatica
J. Brattmiller
- I. sonorae
J. Brattmiller
- Ipomoea texensis
J. Brattmiller
- 40A Dorstenia foetida
J. Brattmiller
- D. sp. (Taba's Gorge)
R. Winters
- 41A Dyckia brevifolia
J. Brattmiller
- 42A Echeveria aff. peacockii
D. Dunn
- E. minima
D. Dunn
- E. shaviana & E. 'Blue Curls'
D. Dunn D. Dunn
- 43A Euphorbia schizitcanta
R. Kent
- E. sepulta
R. Kent
- E. bupleurifolia
R. Winters
- 44A Monadenium rhizophorum
R. Kent
- 45A Gasteria nigricans (2nd)
J. Brattmiller
- G. liliputana
L. Phelps
- 38B C. 'Buddha's Temple'
D. Dunn
- C. trachysantha
B. Grothe
- C. comptonii
W. Hanna
- 39B Ibervillea tenuisecta
Lit Phan
- Kedrostris africana
Lit Phan
- Gerrardanthus macrorhizus
Lit Phan
- 40B Peperomia graveolens
D. Dunn
- D. crispa
R. Lime
- 41B Puya laxa
J. Brattmiller
- Tillandsia streptophylla
M. Mooney
- Abromeitiella brevifolia
D. Dunn
- 42B E. 'Morning Light'
D. Dunn
- 43B E. trichadenia*****
L. Phelps
- E. misera
R. Lime
- E. knobelii & E. multiclava
R. Kent R. Kent
- 44B Jatropha podagrica
D. Dunn
- M. sp. nova
R. Kent
- M. lugardae
J. Johnson
- 45B Bowiea volubilis (2nd)
R. Latimer

46A Haworthia maughnii
J. Clements
H. comptoniana
D. Dunn
H. dekenahii maculosa
J. Clements

47A

48A Lithops lesliei
R. Latimer
L. pseudotruncatella "alpina"
R. Latimer
L. weneri
R. Latimer

49A Fenestraria sp.
M. Lemrow

Titanopsis calcarea
R. Kent

Aloinopsis schoonesii
D. Dunn

50A Pachypodium horombense
J. Brattmiller

P. densiflorum
R. Lime

P. densiflorum
J. Clements

51A Sarcocaulon vanderietiae
J. Clements

S. inermis
W. Johnson

P. dasycaulon
J. Brattmiller

52 Sansevieria gracilis - J. Brattmiller
S. singularis - Marianne Thrombly
S. powellii - R. Kent

53A Tacitus bellus
J. Brattmiller

S. oxypetalum
R. Lime

T. bellus 'Superstar'
W. Johnson

54A Senecio tropaeofolius
J. Brattmiller

46B H. vicosa
R. Kent

H. pumila
R. Kent

H. herbaceae
R. Kent

47B Kalanchoe tomentosa (3rd)
S. Frost

48B

49B Mestoklema tuberosum
J. Brattmiller

Gibbaeum petrense
M. Lemrow

50B P. brevicaulum
Wilna Johnson

P. namaquanum
M. Mooney

P. geavi
F. Thrombly

51B Pelargonium cotyledonis*****
W. Johnson

S. vanderietiae
R. Kent

53B Sedum furfuraceum
R. Kent

S. frutescens
M. Mooney

S. frutescens
F. Thrombly

54B S. haworthii
D. Dunn

S. fulgens
J. Brattmiller

55A Caralluma dodsoniana
P. Flechsig

Piarranthus framesii
J. Williams

C. dodsoniana
L. Phelps

56A Raphionacme procumbens
J. Brattmiller

Fockea edulis
J. Brattmiller

F. aff. tugalensis
J. Brattmiller

57A Pterodiscus speciosus
L. Phelps

Brighamia citrina v. napali-
iensis
J. Brattmiller

58 Dorstenia radiata cristata - L. Phelps
Pachypodium lamerei cristata - J. Pasek
Euphorbia ammak variegata - J. Williams

59 Pelargoniums - Wilna Johnson
Euphorbias - Jerry Brattmiller

60 Sarah Schell
John Williams
Harold Richter

61 Ferocacti - Frank Thrombly *** & ****
Crests, Monstrose, & Variegates - Dorothy Dunn *****

55B Hoodia gordonii
D. Dunn

Huernia kennedyana
R. Winters

56B Ceropegia balleyana
P. Flechsig

C. dichotoma
R. Latimer

R. sp.
R. Kent

57B Brachychiton rupestris**
R. Lime

Welwitschia mirabilis
M. Mooney

Sesamothamnus lugardii
R. Kent

TROPHY WINNERS

BEST CACTUS (Phillip Corliss)[SDCSS]-----Robert Kent
BEST SUCCULENT (Ruby Falk) [SDCSS]-----Rudy Lime
BEST EXHIBIT (Reuben Vaughan)[SDCSS]-----Frank Thrombly
BEST EDUCATIONAL DISPLAY [CSSA]-----Frank Thrombly
MOST ARTISTIC DISPLAY (Walter & Hazel Scott)[SDCSS]-----Dorothy Dunn
BEST MEXICAN PLANT (Dudley Gold)[Paul & Joan Johnson]--Jerry Brattmiller
BEST EUPHORBIA (Lydia Evans)[Russel Evans]-----Lee Phelps
BEST GRAFT (Bob & Suzanne Taylor)[Lee Phelps]-----Robert Kent
BEST ALOE (Barbara Jeppe)[Martin & Pat Mooney]-----Lee Phelps
BEST EPIPHYTE (Bill & Ruth Nelson)[Rick Latimer]-----Warren Buckner
BEST PELARGONIUM OR SARCOCAULON [Wilna Johnson]-----Wilna Johnson
BEST OPUNTIEAE [Jim & Shirley Berry]-----Robert Kent
SWEEPSTAKES [Martin & Pat Mooney]-----Robert Kent

(The number of stars after the trophy winners in the Class listing represent the trophy [or trophies] won. One star represents the Best Cactus, two stars represents the Best Succulent, etc. in the order that the trophies are listed immediately above.)

PEP TALK

Mrs. Peg Spaete
27821 S. E. Sun Ray Drive
Boring, OR 97009

A long, willowy, white "tail" called a catkin is the unique flower spike of the lovely little compact called a peperomia. This member of the Piperaceae family is equally at home in the greenhouse, in a light garden, on a windowsill, and some even in a terrarium. The diversity of leaf shapes and textures and the various growing habits complement any decor or planter. The trailing peperomias make lovely basket showpieces while the rosette types and uprights are suitable for the many other appropriate containers. There are several variegated forms and a number of succulent species in the Peperomia genus.

Many of the members of the succulent group have green, keel-shaped leaves of varying degrees of thickness and length. P. ferrya, P. dolabriformis, P. asperula, and P. nivalis are four easy-to-grow, interesting species. P. graveolens, with its split keel-shaped leaf, has an added attractive feature - a red reverse. The smaller growing P. columella has flat-top ovals for leaves, stacked closely on an upright, later pendant stem. All these varieties clump and start easily from stem cuttings.

Soft to touch is the flat, felty leaf of P. incana - another easy grower; however, it does need to be pinched for compactness. The thick-stemmed, half-inch thick dark-green leaved P. congesta (rauhii) is another strong grower reaching a height of two feet. For a trailer, P. species #34 "Trailing Jade" is a beautiful, cascading candidate. Until it receives its botanical name, the common name is quite descriptive. It is a deep-green, jade-thick leaf appearing in whorls of three on a sturdy, reddish, pendent stem.

Peperomias adopt quite readily to different soil mediums and to different growing conditions. All my peperomias have had the opportunity to grow in regular houseplant mix, in a succulent mix, and in a soilless mix. Almost all responded with a positive effect. This experiment was conducted in different locations as well. In the greenhouse they took temperatures of 40°. Several small plants of the succulent P. columella were left in vermiculite growing under lights at the end of the tube tray about ten inches from the light. The other succulent ones were repotted to my succulent mix and were placed in the greenhouse away from any direct sunlight. Peters 20-20-20 at $\frac{1}{4}$ strength was used during the growing season.

Peperomias have frequently been recognized and recommended as a companion plant to other collections because of their adaptability and appearance. It is time these versatile, little compacts be recognized and recommended as point-of-interest plants because of what they have to offer!

The catkin contains hundreds of minute flowers (a magnifying glass is needed) which are pollinated by insects which crawl up and down the spike spreading the pollen from flower to flower. Out of its natural habitat, they can be pollinated by gently caressing the spike with your thumb and forefinger and moving your fingers from the bottom to the top of the spike. Do this procedure every couple of days to a fresh catkin. It is important that you wipe your fingers with alcohol before touching the catkins since it appears that body oils can harm them. Also, wipe your fingers with alcohol before touching the catkin of a different species so there is no cross pollination. Some catkins are prolific seed producers, while others will produce only a few.

Remove the catkin from the plant when the tiny brown seeds start to appear and place in a plastic baggie. Leave the baggie open so the seeds dry (4 weeks \pm). Tacking the baggie flap to a bulletin board or clothespin the flap to a rope are two suggestions for storing the open baggies. Remember to write the name of the species on the baggie with a magic marker or a sticky label. It has been recommended that Sevin be sprinkled in the bag to kill any insects and to coat the seeds (some are sticky; some are dustlike). Germination time varies, so do be patient.

Occasionally mealybugs will be attracted to peperomias, but a spray of alcohol and water or Safer's Insecticidal Soap or the use of a systemic will discourage their stay.

If you would like to learn more about peperomias, write to Mrs. Joni Vines, 311 East 11th, Hutchinson, KS 67501 for information about the Peperomia Society.



P. Columella



P. sp. "Trailing Jade"



P. graveolens

Thanks to Peg Spaete for this contribution

WELCOME TO NEW MEMBERS

- | | |
|--|---|
| Ralph Dunn - San Diego | Mrs. Evelyn Fried - San Diego |
| Felix & Lorraine Hanley - Imperial Beach | Mrs. Mary E. Holman - San Diego |
| Harry & Hannah Nachman - San Diego | Walter & Jeannette Reynolds - San Diego |
| Lanny R. Roth - El Cajon | Robert Sanders - San Diego |
| Susan J. Shepherd - San Diego | |

WINNERS OF THE BRAG TABLE ARE:

1st place winners for June are Rudy Lime and Wilna Johnson

PICNIC AND PLANT AUCTION

Come to the annual SDC&SS picnic, at our regular date.

Day: July 14, 1984

Time: 10:00 - Eat at 12:00 NOON

Place: Felicita Park
Map at right

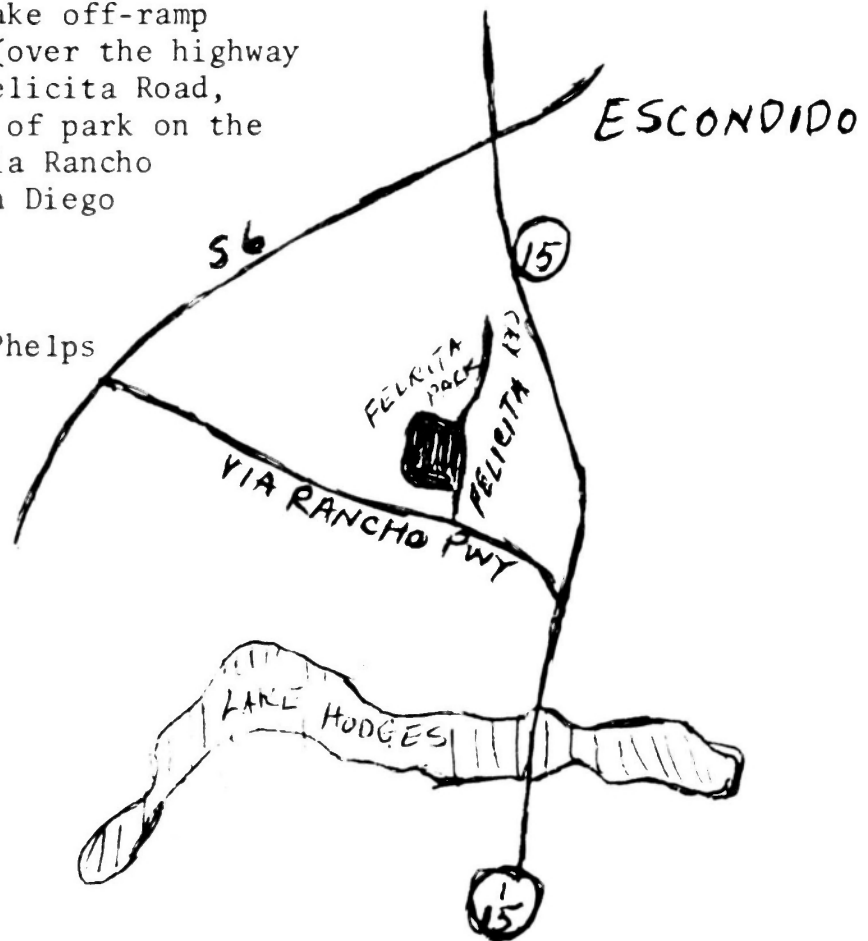
From San Diego - North on I-15. Take off-ramp at Via Rancho Parkway and go West (over the highway I-15) Approximately 1 1/2 miles to Felicita Road, Turn RIGHT. Go 1/2 mile to entrance of park on the LEFT. From the North - turn off Via Rancho Parkway. Area #4 will have the San Diego Cactus and Succulent sign in View.

NOTE: There will be 'Door' Prizes and an Auction. Auctioneer - Lee Phelps

PLEASE BRING - a Pot luck dish enough for eight.

All drinks and eating service will be furnished.

Plan for a day of good food and fun.



SAN DIEGO CACTUS & SUCCULENT SOCIETY

OFFICERS

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Dorothy Dunn, Phyllis Flechsig, Madelyn Lee
Joe Clements, Bud Aubuchon, Verna Pasek

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Succulents - Rick Latimer and Dorothy Dunn
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Quail Botanical Garden - Phyllis Flechsig
S.D. Botanical Garden Foundation - Elizabeth Glover
S.D. Floral Association - Verna Pasek
Liaison & Publicity: Robert Kent
Orientation:

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 \$8.00 per single member per year, \$2.00 for each additional member of a household within a family. Single copies of Espinas y Flores are 60 cents.

Editor
Mary Aubuchon
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FIRST CLASS

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