



Espinas y Flores

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

Volume XX, Number 7

July 13, 1985



Top Picture, Classes 15 & 16

Bottom Pictures Individual Specimen

Topby Winners

Top Picture: Class 38

Bottom Picture: One Specimen from

Lit Phan's Exhibit

1985 SDCSS Show Winners

- 1A: Ariocarpus fissuratus (FJ), Obregonia denegrii (JB), A. fiss. (JB).
 1B: Leuchtenbergia principis (MM)[K], A. retusus (TK), O. denegrii (SB).
- 2A: Astrophytum asterias (JW), A. myriostigma nudum (SF), A. capricorne (JB).
 2B: A. ornatum mirbelii (DD), A. ornatum (JB), ---.
- 3A: Epithelantha micromeris v. unguispina (MM), Turbinicarpus pseudomacrochele (MM), T. schmiedickeanus v. gracilis (ML).
 3B: E. micromeris (MM), E. micromeris (JB), Pelecyphora aselliformis (MM).
- 4A: ---, 2) Copiapoa goldii (SB), C. cinerea (JB).
 4B: C. haseltoniana (MM), C. krainziana (MM), 3) C. humilis (JB) & C.-tenuissima (JB).
- 5A: Escobaria leei (DLP), E. leei (DD), Coryphantha elephantidens (SB).
 5B: ---, 2) C. greenwoodii (JB), ---.
- 6A: Uebelmannia pectinatus (JB), Ü.pectinatus (JW), Ü. multicostatus (RL).
 6B: ---, 2) Discocactus boomianus (JB), Buiningia aurea (JB).
- 7A: Gymnocactus beguinii v. senilis (JB), Hamatocactus hamatocanthus (JB), Echinofossulocactus rectispinus (SB) & E. wippermannii (SB).
 7B: Ferocactus chrysacanthus (DD) [Ξ], F. diguetii (DD), 3) F. schwarzii (FT), F. acanthoides (JB) & F. a. v. rostii (DD).
- 8A: Echinocereus nivosus (JB), E. cinerascens (DLP), E. laui (JB).
 8B: E. stramineus (SB), E. engelmannii v. nicholii (DD), E. pacificus (JB).
- 9A: Sulcorebutia albopectinata X heliosa (JB), S. alenaceae (JB), S.-crispata (JB).
 9B: S. rauschii (FT), 2) S. flavissima (DD) & Echinopsis hybrid (DD), 3) Lobivia sp. (JM) & Acanthocalycium peitscherianum (JB).
- 10A: Frailea schlinzkyana (JB), F. chrysacantha (JB), F. schlinzkyana (FT).
- 11A: Gymnocalycium pungens (JB), G. zegarrae (SB), G. quehianum (JW).
 11B: G. monvillei (JB), G. andraea (PF), 3) G. bruchii (JB) & G. brachyanthum (SB).
- 12A: Mammillaria klissingiana (RL), M. candida (RL), M. marksiana (SB) & M. rekoi v. leptacantha (FT).
 12B: M. canelensis (DD), 2) M. humboltii (JB) [P] & M. geminispina (FT), M. bocasana v. roseiflora (DD).
- 13A: Matucana comacephala (SB), 2) M. aurantiaca (JB) & M. weberbaueri (JB), Submatucana madisoniorum (SB).
 13B: Sm. aureiflora (FT), 2) M. oreodoxa (FT) & Oroya peruviana (JB), Denmoza rhodacantha (GR).
- 14A: ---,---,3) Melocactus azureus (JB).
 14B: M. disciformis (SB), M. disciformis (MM), M. matanzanus (JW).
- 15A: Machaerocereus eruca (JB), Lemaireocereus thurberi (JB), Carnegiea gigantea (SB).
 15B: Cephalocereus senilis (EG), L. dumortieri (JF), C. senilis (JB).
- 16A: Thrixanthocereus senilis (JB), Australocephalocereus dolichospermaticus (JB), ---.
 16B: Pseudopilosocereus pachycladus (GA), Micranthocereus densiflorus (DD), Ac. purpureus (DD).

- 17A: *Neochilenia* sp. (JB), *N. chilensis* (JB), ---.
17B: *N. aerocarpa* v. *fulva* (SB), *N. paucicostata* v. *viridis* (SB), *N. aspillagei* (JB).
18A: *Pyrrhocactus cachtienensis* (SB), *P. bulbocalyx* (SB), 3) *Neoporteria nidus* (JB) & *N. sp.* (JB).
18B: *N. subgibbosus* (JB), *N. subgibbosus* (BA), ---.
19A: *Notocactus warasii* (SB), *N. scopa* v. *murielli* (SF), 3) *N. warasii* (SF) & *N. scopa* v. *albispina* (SF).
19B: *N. neobuenekeri* (DD), *N. leninghausii* (DD), 3) *N. scopa* v. *albispina* (PF) & *N. magnificus* (DL).
20A: *Austrocylindropuntia floccosa* (MM), ---, ---.
20B: *Tephrocactus strobiliformis* (JBy) [O], *T. atroviridis* (SB), *Opuntia fuscoatra* (RW).
21A: ---, *Parodia splendens* (SF), *P. pencillata* v. *nivosa* (JB).
21B: *P. pencillata* (DD), *P. laui* (DD), *P. pencillata* (SB).
22A: *Rebutia heliosa* v. *cajasensis* (JB), *R. heliosa* (SB), *R. krainziana* (JB).
22B: *R. puchella* (JB), *R. kupperiana* (JB), *R. chrysacantha* (JB).
23A: *Schlumbergera opuntioides* (PF) [T], *Rhipsalidopsis rosea* (JW), ---.
23B: *Rhipsalis rauhiorum* (WB), *R. tonduzii* (WB), *R. horrida* (WB).
24A: *Pterocactus tuberosus* (JB), *Echinocereus* sp. (JB), *Cochemia setispina* (JB).
24B: *Cochemia poselgeri* (PF), *C. setispina* (DD), X *Ferobergia 'Gil Tegelberg'* (DD).
25A: *Rooksbyaeuphorbioides cristata* (DD), *Opuntia vulgaris monstrosus variegata* (SF), 3) *Opuntia microdasys monstrosus* (FJ), *Cereus chalybaeus Monstrosus* (DD), *Opuntia vestita cristata* (DL), & *C. sp. mon.* (DD).
25B: *Espostoa nana cristata* (DD), *Mam. geminispina cristata* (RL), 3) *Mam. bocasana cristata* (DD) & *Espostoa ritteri cristata* (DD).
26: *Mammillarias* (JB), ---, *Rebutias* (JF).
27A: *Adenia spinosa* (JB), *A. glauca* (JB), *A. spinosa* (SB).
27B: *A. fruticosa* (JB), *A. glauca* (JB), ---.
28A: *Sempervivium 'Raspberry Ice'* (SB), *Aeonium tortuosum* (MT), *S. magnificum* (SB).
28B: *S. calcareum* (JB), *A. sedifolium* (DLP), *A. sedifolium* (JB).
29A: *Agave macroacantha* (SB), *A. parry* v. *huachusensis* (JB), 3) *A. utahensis* v. *nevadensis* (JB) & *A. parviflora* (JB).
29B: *A. victoria-reginae* v. *ornatum* (DLP), *A. striata* v. *nana* (DD), 3) *A. filifera* v. *compacta* (DD) & *A. potatorum* (BA).
30A: *Alluadia comosa* (JB), *A. montagnacii* (JB), *A. procera* (EM).
30B: *A. comosa* (ML), *Decaryia madagascariensis* (PF), *A. procera* (JB).
31A: *Aloe parvula* (PF [A], *A. erinaceae* (SB), *A. deltoidedonta* v. *nova* (TK).
31B: *A. haworthioides* (DD), *A. vanbalenii* (RGL), *A. macroacanthus* (RGL).
32A: *Anacampseros alstonii* (DLP), *Talinum paniculatum* (JB), *A. rufescens* (JB).
32B: *Portulacaria afra variegata* (RL), *P. afra* (EM), ---.
33A: *Calibanus hookerii* (JB), *Beaucarnea striata* (JB), ---.
33B: *C. hookerii* (BA), *C. hookerii* (JB) & *B. recurvata* (JB), 3) *B. r.* (JW).
34A: *Commiphora simplicifolia* (RL), *Pachycormus discolor* (RL), *Bursera microphylla* (RL).
34B: *P. discolor* (RL), *Fouquieria fasciculata* (RL), 3) *F. columnaris* (JB) & *B. microphylla* (DLP).
35: *Cyphostemma cirrhosa* (SB), *C. cirrhosa* (JB), *Cissus tuberosus* (JB).
36: *Conophytum aurieflora* (RGL), *C. notatum* (RGL), *C. pearsonii* (RGL).
37A: all *Cotyledon luteosquamata* 1) (RL), 2) (SB), 3) (ML).
37B: *C. buchholziana* (MM), *C. reticulata* (SB), 3) *C. orbiculata* v. *oophylla* (RW) & *C. reticulata* (DLP).
38A: *Crassula teres* (DD), *C. 'Buddha's Temple'* (DD), *C. pyramidalis* (DD).
38B: *C. strongi* (Ls), *C. portulaca 'Gollum'* (JB), *C. ausiensis* v. *giessii* (DD).
39A: *Ipomoea holubii* (RL), *Seyrigia humbertii* (RGL), *Ibervillea sonora* (JB).
39B: *Dioscorea elephantipes* (JB), *D. sylvatica* (JB), *Gerrardanthus macrorhizus* (JB).
40A: *Dorstenia* sp. Tala'a Gorge (RW), *Ficus brandegeei* (JB), ---.
40B: *Peperomia graveolens* (DD), *F. palmeri* (JB), *F. petiolaris* (RL).
41A: *Abromeitiella brevifolia* (ML), *Dyckia fosteriana* (JB), *D. rariflora* (JW).
41B: *Puya laxa* (JB), *Hechtia glabra* (JW), *Tillandsia ionantha* (PF).
42A: *Dudleya greenii* (DD), *Echeveria purpurorum* (SB), ---.
42B: *E. 'Colibra'* (DD), *E. 'Morning Light'* (DD), *E. 'Black Prince'* (GA).
43A: *Euphorbia bupleurifolia* (RW), 2) *E. stellata* (SB) & *E. decidua* (RL), 3) *E. cylindrifolia tuberifera* (RL), *E. sepulta* (ML) & *E. horrida* v. *'Snowflake'* (JB).
43B: *E. horrida* v. *striata* (MM) [T], 2) *E. phillipsae* (ML) & *E. schoenlandii* (DD), 3) *E. misera* (DLP).
44A: *Monadenium montanum* v. *rubellum* (DD), *M. sp. nova* (SB), *M. majus* (JB).
44B: *Jatropha podagrica* (DD), *M. spinescens* (ML), *M. sp. nova* Kenya (DD).
45A: *Gasteria armstrongii* (ML), *G. verrucosa* (JB), *G. lilliputana* (MT).
45B: *G. batesiana* (DD), *G. obtusifolia* (SB), *G. maculata* (JM).
46A: *Haworthia comptoniana* (DD), *H. triebneriana* v. *pulchra* (ML), 3) *H. magnifica* v. *paradoxa* (DD) & *H. pumila* (ML).
46B: *H. shinneri* (DD), *H. reinwardtii* v. *chalwinii* (DD), *H. turgida* v. *suberecta* (DL).
47A: --- *Kalanchoe tomentosa* (JB), ---.
47B: *K. blossfeldiana* (EM), *K. blossfeldiana* (JW), *K. tomentosa* (SF).
48A: *Lithops marginata* (ML), *L. umdavensis* (ML), *L. schwantesii* (RGL).
49A: ---, *Mestoklema arboriformae* (JB), *Herreroa nelii* (RGL).
49B: *M. macrorrhizum* (DLP), *M. tuberosa* (JB), *M. tuberosa* (RL).
50A: *Pachypodium brevicaulle* (DLP), *P. horombense* (JB), *P. brevicaulle* (JB).
50B: *P. brevicaulle* (WJ), *P. densiflorum* (ML), *Adenium obesum* (ML).
51A: *Sarcocaulon flavescens* (WJ), *Pelargonium alternan* (RL), *S. vanderietiae* (RL).
51B: *S. vanderietiae* (DLP) [V], *S. vanderietiae* (WJ), *P. dasycaulon* (JB).
52A *Sansevieria* FKH 432 (FJ), *S. Bally '268'* G.C. 44-81 (JB), *S. FKH 432* (JB).

CARE OF CACTI & SUCCULENTS

- 52B: *S. ehrenbergii* (SB), *S. aethiopica* (Ls), *S. gracilis* (JB).
 53A: *Sedum hystrix* (SB), *S. oxypetalum* (RL), *Tacitus bellus* (JB).
 53B: *S. frutescens* (MM), 2) *S. oxypetalum* (PF) & *S. frutescens* (JB), 3) *S. oxypetalum* (RL).
 54A: *Othonna herreae* (SB), *Senecio scaposus* (RL), *O. euphorbioides* (DLP).
 54B: *S. fulgens* (JB), *S. deflersii* (DD), *S. haworthioides* (DD).
 55A: *Caralluma socotrana* (RW), *Tavaresia grandiflora* (RW), 3) *Rhytidocaulon sheilae* (JBz) & *Stapelianthus madagascariensis* (JB).
 55B: ---, *Huernia* sp. (MT), *Hoodia gordonii* (DD).
 56A: *Ceropegia fusca* (RW), *Fockea edulis* (RL), *Fockea edulis* (JB).
 56B: *F. edulis* (RL), *F. edulis* (DLP), *F. edulis* (SB).
 57A: *Welwitschia mirabilis* (MM), *Unicarina grandidiera* (RL), *Brighamia citrina* v. *napaliensis* (JB).
 57B: 1) *Opercularia decaryi* (RL)[L], *Begonia richardsiana* (DLP) & *Brighamia citrina* v. *napaliensis* (JB), 2) *O. decaryi* (RL), 3) *Brachychiton rupestris* (RL).
 58A: *Huernia scheideriana cristata* (DD), ---, ---.
 58B: *Oxalis herrerae cristata* (DLP), *Euphorbia ingens monstrosus* (JW), *Aeonium tabulaformae cristata* (Ls).
 59: *Euphorbias* (RL), *Euphorbias* (JB), *Pelargoniums* (WJ).
 60: 1) (RGL), 2)(JWd), 3) (EM) & (BR).
 61 Bonsais (LP) [E] [P].

KEY

(GA) = Gloria Alexanderson	(RGL) = Rick Latimer
(BA) = Bud Aubuchon	(ML) = Madelyn Lee
(JBz) = Joey Betzler	(Ls) = the Lemrows
(JBy) = Jim Berry	(RL) = Rudy Lime
(JB) = Jerry Brattmiller	(EM) = Elibet Marshall
(WB) = Warren Buckner	(MM) = Martin Mooney
(DD) = Dorothy Dunn	(JM) = Joan Miller
(PF) = Phyllis Flechsig	(LP) = Lit Phan
(JF) = Janet Freeman	(DLP) = Lee Phelps
(SF) = Sandy Frost	(BR) = Blaine Rhobothan
(EG) = Elizabeth Glover	(GR) = Gerald Rudy
(FJ) = Ffances Johnson	(FT) = Frank Thrombley
(WJ) = Wilna Johnson	(MT) = Marianne Thrombley
(TK) = Tom Knapik	(JW) = John Williams
(DL) = Dorothy Larberg	(RW) = Ruby Winters
(SB) = Shirley Berry	(JWd) = Joseph Wood

TROPHIES

[K] = Best Cactus - Martin Mooney	[A] = Best Aloe - Phyllis Flechsig
[S] = Best Succulent - Rudy Lime	[T] = Best Epiphyte - P. Flechsig
[E] = Best Exhibit - Lit Phan	[V] = Best Pelargonium or Sarcocaulon - Lee Phelps
[P] = Most Artistic Display - Lit Phan	[O] = Best Opuntieae - Jim Berry
[M] = Best Mexican Plant - Dorothy Dunn	[X] = Sweepstakes - Jerry Brattmiller
[Y] = Best Euphorbia - Martin Mooney	
[G] = Best Graft - Jerry Brattmiller	

Thanks to all who worked so hard to make the show and sale such a success.

POT in a clean container with a drain hole; the pot should be about 1" larger in diameter than the plant.

POTTING MIX should be fast-draining. One-half to 2/3 by volume can be a commercial potting mix or your usual clean, pest-free mix; 1/3 to 1/2 should be drainage material well mixed in: pumice or perlite or coarse (not fine) sand.

TO PLANT in the ground: build a mound, or use a slope, incorporating material for fast drainage. DO NOT plant small seedlings in the ground.

TEMPERATURE: Most succulents will not withstand many hours of subfreezing temperatures, and being cold and wet at the same time can be fatal, so protect them from cold.

WATER healthy plants if:

They are dry, and it is warm and sunny;
It is their growing season.

DO NOT WATER plants if:

They are wet already;
Temperatures are low;
Weather is bad;
Plant is dormant.

SUN OR SHADE? Place new plants in light shade. Small plants will burn in hot sun. Most cacti & succulents do well in strong indirect light.

FEED regularly with low-nitrogen fertilizer--about 8-12 % nitrogen. Dilute liquid fert. twice as much as it says to on the label.

PESTS: Inspect often so as to prevent them. Use alcohol on a brush to remove them, or insecticidal soap, or a systemic insecticide poured into the soil around the plant.

by Phyllis Flechsig

C.S.S.A. CONVENTION
SAN DIEGO - 1985

Sunday, July 7th

9:00 a.m. Bus departs for CSSA Show and Sale returning 5:00 p.m.
10:00 a.m. - Registration - Tenochca Residence Hall
6:00 p.m.
2:00 p.m. - Buffet Lunch
3:00 p.m.
5:00 p.m. - Dinner
6:00 p.m.

Monday, July 8th

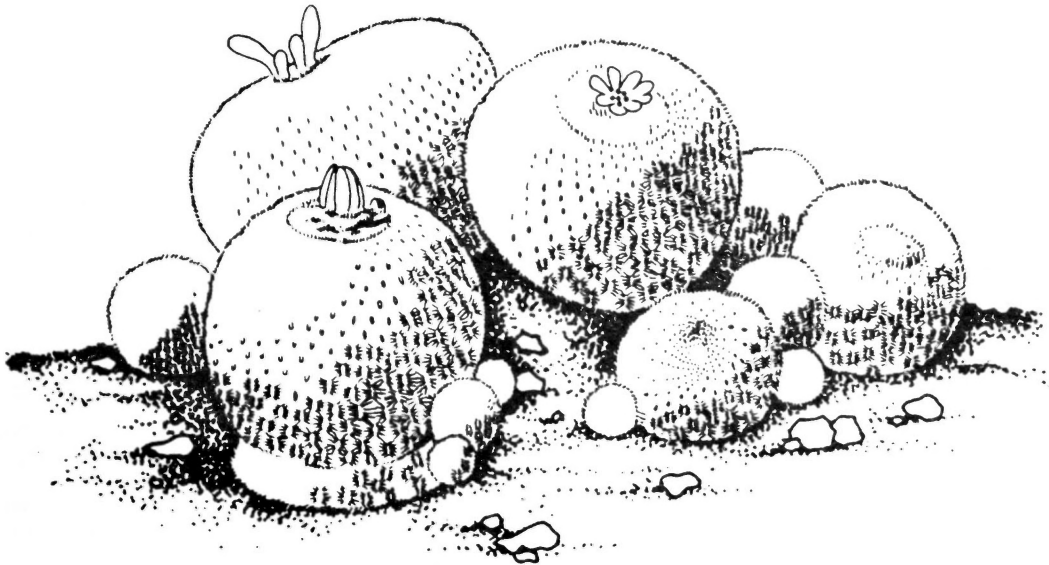
7:00 a.m. - Breakfast
8:00 a.m.
8:00 a.m. - Registration - Tenochca Residence Hall
Noon
12:30 p.m. - Lunch
1:30 p.m.
2:00 p.m. CASA REAL: Dorothy Dunn - "The Baja Barrels; the
Ferocacti of Baja California"
THE BACKDOOR: Henry Varney - "Introducing
Adromischus"
3:00 p.m. CASA REAL: Steven Brach - "Cacti of the Southwest;
Carlsbad Caverns, Guadalupe Mountains, and White Sands"
THE BACKDOOR: James Dice - "The genus Dudleya:
an introduction"
4:00 p.m. CASA REAL: Kenneth Heil - "The cacti of Bid Bend
National Park"
THE BACKDOOR: Charles Russell - "The versatile
prickly pears; plants with great economic potential"
7:00 p.m. MONTEZUMA HALL: Opening Banquet
Susan Carter Holmes - "East African safari"

Tuesday, July 9th

7:00 a.m. - Breakfast
8:00 a.m.
MONTEZUMA HALL
8:00 a.m. CASA REAL: Paul Thoma - "The Netherlands Antilles;
the land, people, and plants:"
9:00 a.m. MONTEZUMA HALL: Charles Uhl - "Some species and
hybrids in the American Crassulaceae"
CASA REAL: Kenneth Heil - "The cacti of Big Bend
National Park"
10:00 a.m. Break
10:30 a.m. MONTEZUMA HALL: Werner Rauh - "Peru and its cacti"
11:30 a.m. MONTEZUMA HALL: Roberto Kiesling - "Cacti in the
Argentine vegetation"
12:30 p.m. - Lunch
1:30 p.m.
1:45 p.m. MONTEZUMA HALL: Faith Campbell - "Protection of
rare plants in the U.S. and abroad"
CASA REAL: Joseph Clements - "Show Judging"
2:45 p.m. MONTEZUMA HALL: Hernando Sanchez-Mejorada -
"Conservation of Mexican cacti"
CASA REAL: Charles Russell - "The versatile prickly
pears - plants with great economic potential"
3:30 p.m. Break
4:00 p.m. MONTEZUMA HALL: Dave Grigsby - "Round table discussion"
5:00 p.m. - Dinner
6:00 p.m.
7:00 p.m. MONTEZUMA HALL: Carlos Ostolaza - "Cacti and the
ancient Peruvians"
8:00 p.m. MONTEZUMA HALL: Rare plant auction

Wednesday, July 10th

- 7:00 a.m. - Breakfast
8:00 a.m.
- 7:30 a.m. Bus Trip #1 North County Growers. Bus departs returning to SDSU 5:00 p.m. (Box Lunch)
- 7:30 a.m. Bus Trip #2 North County Growers and Wild Animal Park with dinner. Bus departs returning to SDSU 10:30 p.m. (Box Lunch)
- 7:30 a.m. Bus Trip #3 Huntington Gardens. Bus departs returning to SDSU 5:00 p.m. (Box Lunch)
- 7:30 a.m. Bus Trip #4 Huntington Gardens and Wild Animal Park with dinner. Bus departs returning to SDSU 10:30 p.m. (Box Lunch)
- 12:30 p.m. - Lunch
1:30 p.m.
- 4:30 p.m. Bus Trip #5 Wild Animal Park with dinner. Bus departs returning to SDSU 10:30 p.m.
- 5:00 p.m. - Dinner
6:00 p.m.
- 7:00 p.m. MONTEZUMA HALL: Dr. Leroy Phelps - "Succulents as bonzai"



EPITHELANTHA MICROMERIS (*Button cactus*). Texas, New Mexico and Mexico. These cacti are noteworthy for the complex, lacy network of white spines which cover the plant body. They do not require constant intense sun, but

should be given less water than average and none in winter. A porous, sandy soil with extra limestone added is essential. Small pink flowers in spring are followed by tubular red fruit.

Thursday, July 11th

- 7:00 a.m. - Breakfast
8:00 a.m.
- ALL PROGRAMS IN MONTEZUMA HALL UNLESS OTHERWISE NOTED
- 8:00 a.m. Michael Hawkes - "Succulents of the Pacific Northwest"
- 9:00 a.m. John Lavranos - "Botanizing on the Socotra Archipelago"
- 10:00 a.m. Break
- 10:30 a.m. Karl Johnson - "Growing succulents in the land of the Kiwi"
- 11:30 a.m. Dave Bramwell - "Origin and evolution of the Canarian succulent flora"
- 12:30 p.m. - Lunch
1:30 p.m.
- 1:45 p.m. Richard May - "The ecology of *Sclerocactus polyancistrus*"
- 2:45 p.m. MONTEZUMA HALL: Charles Uhl - "Chromosome hybrids and the evolution in the American Crassulaceae"
CASA REAL: Steven Brach - "Cacti of the Southwest; Carlsbad Caverns, Guadalupe Mountains, and White Sands"
- 3:30 p.m. Break
- 4:00 p.m. David Hardy - "Namibia, land between two deserts"
- 5:00 p.m. - Dinner
6:00 p.m.
- 7:00 p.m. Werner Rauh - "The xerophytic vegetation of northeastern Brasil"
- 8:00 p.m. Yair Elber - "Succulent plants and halosucculents of Israel and their cultivation"
- 9:00 p.m. Delegates Meeting

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Friday, July 12th

7:00 a.m. - Breakfast
8:00 a.m.

ALL PROGRAMS IN MONTEZUMA HALL

8:00 a.m. Faith Campbell - "Legal restrictions on the succulent trade: what and why"
9:00 a.m. Roberto Kiesling - "Carlos Spegazzini, his life and his cacti"
10:00 a.m. Break
10:30 a.m. Carlos Ostolaza - "In search of the lost cacti"
11:30 a.m. Davie Hardy - "Glimpse of the vegetation of the Venda Republic"
12:30 p.m. - Lunch
1:30 p.m.
1:45 p.m. Dave Bramwell - "The Canarian succulent flora; its ecology, distribution, and cultivation"
2:45 p.m. Susan Carter Holmes - "New Euphorbias from East Africa"
3:30 p.m. Break
4:00 p.m. John Lavranos - "Botanizing in Southern Yemen"
7:00 p.m. Farewell Mexican Fiesta

Saturday, July 13th

11:00 a.m. At this time you must be checked out of SDSU unless you have made other arrangements with SDSU.

NEWS NEWS NEWS

WELCOME NEW MEMBERS

Sally Richerson-Elcagon C. Kevin Becker- SD
Charles, Perla & Marilyn Hansen- Chula Vista
Dennis W. Stowell-National City
Wally Musser- SD Joseph D. Wood-Coronado
Milton Yarbrough-Imperial Beach
Bill & Diane Crowley-SD Betty & Keith Whitcomb-El Cajon
Thom & Amy Whidden-Winter- SD Suzanne Roger-SD
Lisa Falkenthal-SD

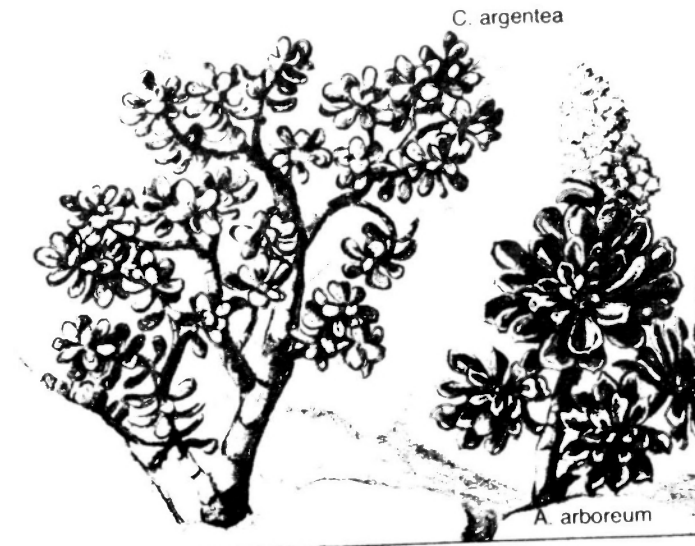
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From Tom Hammecher- Extensive Collection of Melocatus and South American Cactus for Sale/ El Cajon
Call Evenings 440-6245

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CORRECTION: from the last issue of E y F
It was Bob and Mildred Anderes of Chula Vista who donated the plants to Balboa Park.

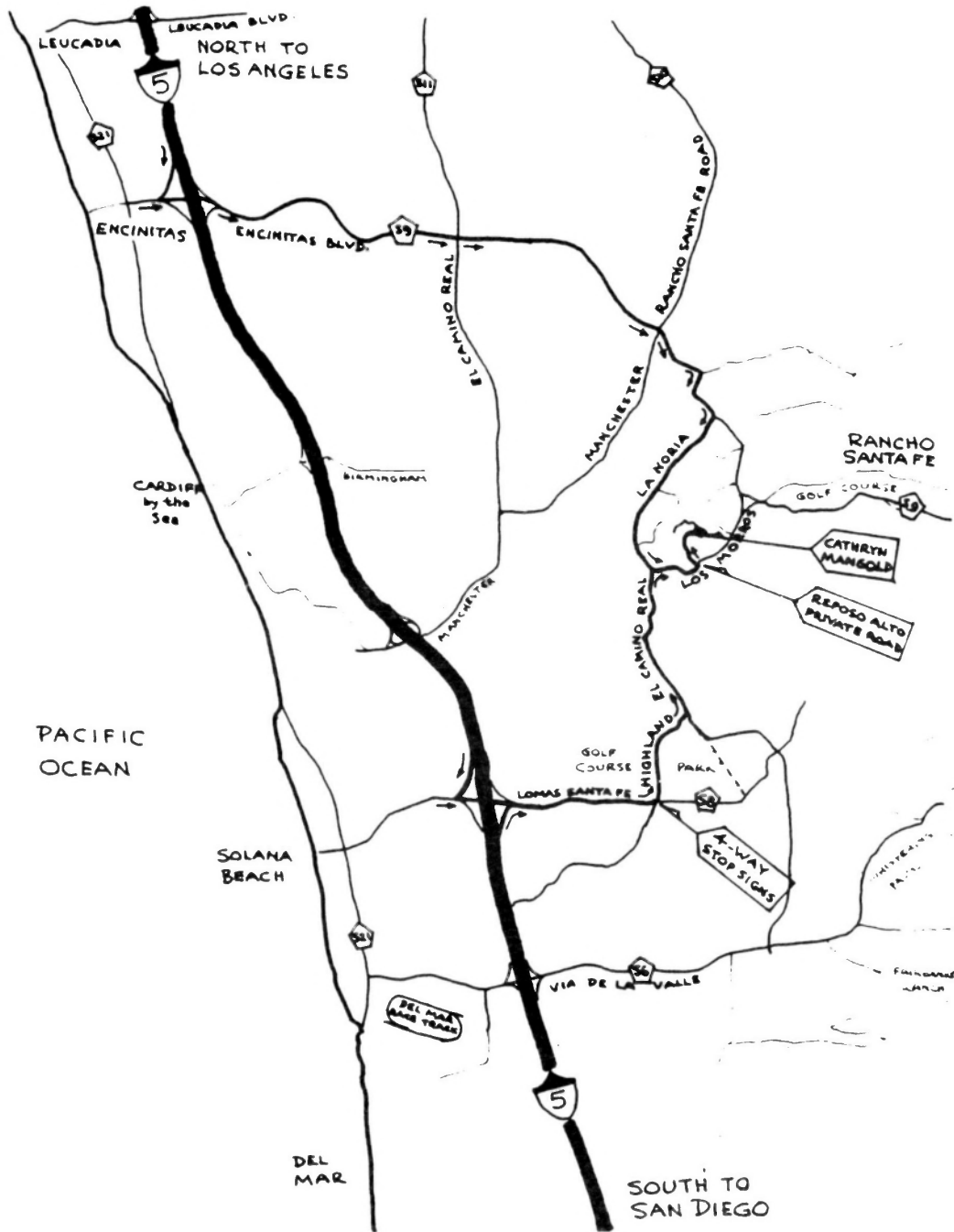
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FROM CATHRYN MANGOLD

Adromisclus is a little known, interesting and variable genus that does well in So. California. Henry Varney will talk about them at the convention and the best of my collection will be on display in our patio during that week from 10-6 P.M. I will leave them for another week so that interested members can stop by and take a look at them. July 15 through Sunday July 21- 1-5 pm
Please phone first- 756-2069

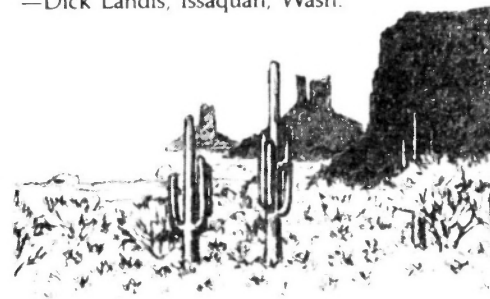
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READER NEEDLES WOOD ABOUT CACTUS COLUMN

Perhaps it is the lingering effect of certain strong potions made of cactus juice which prompted someone on the staff to agree that *Cereus giganteus* is a tree, and a hardwood at that ("Saguaro," WOOD, April, 1985, page 83).

—Dick Landis, Issaquah, Wash.



Dick, we referred this prickly problem to WOOD consulting wood technologist Paul McClure, who lives and works right in the heart of saguaro country in Tempe, Ariz. Paul says there's no doubt as far as he's concerned—the saguaro is indeed a tree and a hardwood. Here's a further reference from *The Complete Trees of North America* by Thomas S. Elias (Van Nostrand Reinhold, New York, 1980): "Four native species [of the *Cereus* genus]—the Saguaro, the Deering, and Key West cephalocereus, and the organ-pipe cactus—are considered trees." All meet the criteria of a tree as a woody plant that usually grows to at least 16' and has a single trunk.

WOOD WOMAN

WOOD Editor Larry Clayton asked to hear from a few women woodworkers in his April column.

IN JULY

Saturday July 13, 1985

1:00 P.M. NOTE TIME

Casa Del Prado, Room 101, Balboa Park

PROGRAM

JOHN J. LAVRANOS

John J. Lavranos was born on Corfu, an island on the west coast of Greece, and became fascinated with flowers as a child. He soon became captivated by succulents and had a good size collection before WWII. After the war, he went to South Africa because of the country's flora, particularly the succulents. He made his first visit to Southern Arabia in 1962 and since then has made a second trip there and also has done considerable field work in North Yemen, Namibia and Kenya. He has discovered over 90 and described some 50 new species of Stapelieae. Lavranos has published over 100 scientific papers and has several more in preparation. He re-discovered various "lost" species, and Introduced into cultivation a large number of species. His main interest has shifted from taxonomy to plant geography. He has written for CSSA Journal since 1965. Lavranos is an insurance broker.

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NEXT REGULAR MEETING ----- AUGUST 10, 1985

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SHOW SCHEDULE FOR JULY AND AUGUST

July	7	San Diego Dahlia Specimen Show	Sun:1:00 - 4:30 pm
July	14	Convair Garden Club Summer Show	Sun: 1:00 - 4:30 pm
July	27 & 28	San Miguel Br.American Begonia Show	Sat:1:00-5:00pm Sun:10am-5pm
Aug.	3 & 4	San Diego County Dahlia Show	Sat:2:00-5:00pm Sun:10am-5pm
Aug	17 & 18	San Diego Fern Show	Sat:1:00-5:00pm Sun:10am-5pm
Aug	24 & 25	San Diego Turtle & Tortoise Show	Sat: & Sun: 10:00am - 5:00 pm
Aug	31 & Sept 1	San Diego Gesneriad Show	Sat:12pm-5pm Sun:10am-5:pm
Sept	7 & 8	San Diego Bromeliad Show	Sat:1:00-4:30pm Sun:11-4:30pm

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DEADLINE FOR THE AUGUST ESPINAS Y FLORES -- July 27, 1985 -

Your contributions are greatly appreciated -
Have a good summer.

Mary

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SAN DIEGO CACTUS & SUCCULENT SOCIETY

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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
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