



SOUTH COAST CACTUS AND SUCCULENT SOCIETY NEWSLETTER

NUMBER 6

JUNE, 2009

GENERAL MEETING: Sunday, June 14, 1:30 P.M., South Coast Botanical Gardens

PROGRAM; EUNICE THOMPSON, our speaker this month, is one of our own and a former president of Long Beach Cactus and Succulent Society. Eunice is from Florida and a graduate of the University of California at Riverside with a degree in applied mathematics. Eunice said that succulents are her favorites, but she loves cactus as well with her obsession beginning about five years ago. Her presentation will be STALKING AGAVE IN NORTHWEST MEXICO which is where she was when I called her to invite her to talk to our club. She will try to bring some plants for sale.

President' Message for June 2009

By a strange coincidence this is the third meeting in a row that conflicts with a national holiday. Although to be sure I doubt many of us celebrate "Flag Day" by doing sometimes that conflicts with attending our Club meeting. On the other hand the Los Angeles C&SS Show and Sale is scheduled for June 13 & 14, so I expect some of our members who are also LAC&SS members will be at that event. Next year's calendar seems free of holiday conflicts, but we should assume that some of our meetings will need to be rescheduled because other organizations will be requesting the classrooms for their sale events. Unfortunately for us Sales events have precedence over club meetings - it's not "first come, first served."

I heard through the grapevine that Hank did a superb job of presiding at last month's meeting. And after Tom Glavich had to cancel as speaker, Ed Curlee did some fast coordinating with Gary Duke who stepped in with what I'm sure was another excellent of his programs. I'm looking forward to hearing about Eunice's adventures in Mexico with the "Three Amigos" <Grin>.

There are number of issues concerning our Annual Show that the Board discussed at the April Board meeting. Many need membership discussion and approval because funds need to be expended. Some of these are (briefly); table coverings for Club & Vendor tables . . . next year's flyer . . . printing of People's Choice ballots and Club Table Entry slips and signs.

While discussing Job Descriptions during the Board meeting, I took the opportunity to express my desire to revise the Club's Constitution & By Laws. I will be asking for one or two members to join Philip Ross and myself in "vetting" a draft document.

Think about ways we can effectively use some of the proceeds from the show.

We need to "finalize" plans for the July meeting. Like last year, it will be a public event with a lecture in the auditorium and I'd like to get membership approval for the schedule of events so everyone will know what's going on.

Finally, this is June and I'm sure many of us have plants *in flower* or doing other spectacular things or perhaps a plant has *lost its label*, bring it to the Brag Table for a little show and tell.

Dale La Forest

South Coast Cactus and Succulent Society

Succulent of the Month - June 2009 – *Adenia, Adenium & Pachypodium*

Adenium is a genus of flowering plants in the family Apocynaceae, containing a single species, *Adenium obesum*, also known as **Sabi Star**, **Kudu** or **Desert-rose**. It is native to tropical and subtropical eastern and southern Africa and Arabia. It is an evergreen succulent shrub in tropical climates and semi-deciduous to deciduous in colder climates, is also dependent on the sub-species or cultivar. It grows tall 1-3 m, has pachycaul (pithy, thick, and succulent) stems and a stout, swollen basal caudex. The leaves are spirally arranged, clustered toward the tips of the shoots, simple entire, leathery in texture, 5-15 cm long and 1-8 cm broad. The flowers are tubular, 2-5 cm long, with the outer portion 4-6 cm diameter with five petals, resembling those of other related genera such as *Plumeria* and *Nerium*. The flowers tend to red and pink, often with a whitish blush outward of the throat.

Several regional sub-species occur:

Adenium obesum subsp. *boehmianum*. Namibia, Angola.

Adenium obesum subsp. *obesum*. Arabia.

Adenium obesum subsp. *oleifolium*. South Africa, Botswana.

Adenium obesum subsp. *socotranum*. Socotra.

Adenium obesum subsp. *somalense*. Eastern Africa.

Adenium obesum subsp. *swazicum*. Eastern South Africa.

Adenium obesum subsp. *arabicum*. Arabia.

Note: These subspecies are often considered proper species.

Cultivation and uses - *Adenium obesum* is a popular houseplant in temperate regions. It requires a sunny location and a minimum indoor temperature in winter of 40 °F. It thrives on a xeric watering regime as required by cacti. *Adenium* is typically propagated by seed or stem cuttings. The numerous hybrids are propagated mainly by grafting onto seedling rootstock. While plants grown from seed are more likely to have the swollen caudex at a young age, with time many cutting-grown plants cannot be distinguished from seedlings. The plant exudes a highly toxic sap which is used by some peoples, such as the Akie in Tanzania, to coat arrow-tips for hunting.

Adenia is a genus in the passion flower family Passifloraceae. This unobtrusive genus should be better known for the extreme toxicity of the sap, especially in those forming a perennial swollen base (a caudex, hence the caudiciform species). In addition to cyanogenic compounds, these contain lectins which destroy ribosomes, hence prevent protein synthesis. This is the same mode of action as ricin, and the toxicities are comparable. They contain the most potent plant toxins known.

Species and varieties

Adenia aculeata Engl.

Adenia cissampeloides (Planch) Harms

Adenia cladosepala (Baker) Harms

Adenia digitata Engl.

Adenia ellenbeckii Harms

Adenia fruticosa

Adenia fringalavense (Drake.) Harms

Adenia glauca Schinz

Adenia globosa Engl.

Adenia goetzii

Adenia keramanthus Harms.

Adenia lanceolata

Adenia lobata (Jacq.) Engl.

Adenia olaboensis Claverie

Adenia pechuelii Harms

Adenia racemosa

Adenia spinosa Burti Davy

Adenia stenodactyla

Adenia venenata Forssk.

Adenia volkensii Harms

Pachypodium There are now 25 known species, of which 20 come from Madagascar, the rest from south-east Africa. The species count continues to grow as *Pachypodium menabeum* has been resurrected from invalid taxonomy and *Pachypodium makayense* added newly to the list. One can speculate that in Madagascar, there might still be unidentified species that are confined to a single rocky outcrop. All have spiny, pachycaul trunks.

Species

P. ambongense

P. baronii

P. bicolor

P. bispinosum

P. brevicaule

P. cactineae

P. calypso

P. decaryi

P. densiflorum

P. eburneum

P. geayi

P. gracilius

P. horombense

P. inopinatum

P. usuporum

P. lamerei

P. lealii

P. makayense

P. meridionale

P. menabeum

P. namaquanum

P. rosulatum

P. rutenbergianum

P. saundersii

P. softense

P. succulentum

P. windsorii

Cactus of the Month June 2009 - *Cacti with Cephalia*

A Cephalium (plural -cephalia) is a specialized reproductive stem growth of some cacti, with very short internodes with (usually) dense wool or hairs. Some cephalia grow on the side, some on top. Usually when a cephalium appears the plant stops its vegetative growth, but the cephalium continue to get taller or larger.

Eupostoa – *columnar*, from the Andes of southern Ecuador and Peru

baumannii Knize
blossfeldiorum (Werdermann) Buxbaum
calva Ritter
frutescens Madsen
guentheri Kupper
huanucoensis Johnson ex Ritter
hylaia Ritter
lanata (Knuth) Britton & Rose
lanianuligera Ritter
melanostele (Vaupel) Borg
mirabilis Ritter
nana (Ritter) Backeberg
ritteri Buining
ruficeps Ritter
superba Ritter

Coleocephalocereus - erect and semi-erect columnar cacti from Brazil

aureus Ritter
buxbaumianus Buining
flumensis (Miquel) Backeberg
goebelianus (Vaupel)
pluricostatus Buining & Brederoo
purpureus (Buining & Brederoo) Ritter

Discocactus- Brazil, flattish globular from eastern Bolivia, and northern Paraguay

bahiensis Britton & Rose
ferricola Buining & Brederoo
heptacanthus (Rodríguez) Britton & Rose
horstii Buining & Brederoo ex Buining
placentiformis (Lehmann) Schumann
pseudoinsignis Taylor & Zappi

Browningia – columnar, native to Peru, Paraguay, and Chile

albiceps Ritter
altissima (Ritter) Buxbaum
amstutziae (Rauh & Backeberg) Hutchison
caíneana Cárdenas
candelaris Britton & Rose
chlorocarpa (Kunth) Marshall
columnaris Ritter
hertlingiana (Backeberg) Buxbaum
microsperma (Werder. & Backe.) Marshall
pilleifera (Ritter) Hutchison
viridis (Rauh & Backeberg) Buxbaum

Melocactus. –*globular*, native to the Caribbean, northern South America, with some species along the Andes down to southern Peru, and a concentration of species in northeastern Brazil.

xalbicephalus (natural hybrid)
andinus Gruber ex Taylor
azureus Buining & Brederoo
bahiensis (Britton & Rose) Lützeburg
bellavistensis Rauh & Backeberg
broadwayi (Britton & Rose) Berger
caroli-linnaei Taylor
concinus Buining & Brederoo
conoideus Buining & Brederoo
curvispinus Pfeiffer
deinacanthus Buining & Brederoo
ernesti Vaupel
estesvii Braun
glaucescens Buining & Brederoo
harlowii (Britton & Rose) Vaupel
X-horridus Werdermann (natural hybrid)
lansensianus Braun
levitestatus Buining & Brederoo
macracanthus (Salm & Dyck) Link & Otto
matanzanus León
mazelianus Rauh
neryi Schumann
oreas Miquel
pachycanthus Buining & Brederoo
paucispinus Heiman & Paul
perezassoi Areces
peruvianus Vaupel
praerupticola Areces
salvadorensis Werdermann
schatzii Till & Gruber
smithii Buining & Rowley
violaceus Pfeiffer
zehntneri (Britton & Rose) Lützeburg

Cephalocereus - columnar-shaped, blue-green cacti . The genus is native to Mexico

apicephalium Dawson
columna-trajani Karwinsky
nizandensis (Bravo & MacDougall) Buxbaum
senilis (Haworth) Pfeiffer
totolapensis (Bravo & MacDougall) Buxbaum

Arrojadoa -endemic to Brazil

bahiensis Braun & Esteves) Taylor
dinae Buining & Brederoo

penicillata (Gürke) Britton & Rose

**CACTUS AND SUCCULENT
CALENDAR OF UP COMING EVENTS FOR 2009**

- JUNE 6 & 7 SAN DIEGO CACTUS AND SUCCULENT SOCIETY -SHOW AND SALE
BALBOA PARK, ROOM 101, SAN DIEGO, CA. INFO.--#619-477-4779
- JUNE 13 & 14 LOS ANGELES CACTUS AND SUCCULENT SOCIETY SHOW AND SALE
SEPULVEDA GARDEN CENTER, 18833 MAGNOLIA BL., ENCINO, CA.
SHOW INFORMATION-CALL 818-363-3432
- JUNE 26-28 CSSA ANNUAL SHOW AND SALE -HUNTINGTON BOTANICAL GARDENS
1151 OXFORD ROAD, SAN MARINO, CA.
626-405-2160 or 2277 PLANTS SALES START JUNE 26TH THRU JUNE 28TH
THE SHOW OPENS ON THE JUNE 27TH THRU JUNE 28TH FREE TO THE PUBLIC
- JULY 24-26 ORANGE COUNTY SUMMER SHOW AND SALE—AT THE FULLERTON
ARBORETUM, 1900 ASSOCIATED ROAD, FULLERTON, CA
SHOW AND SALE FRI 12pm to 4pm SAT. & SUN. 10am to 4pm. INFO. 714-870-4887
- AUG. 15 & 16 24TH ANNUAL INTERCITY SHOW AND SALE-LA COUNTY ARBORETUM
301 NO. BALDWIN AVE., ARCADIA, CA. INFO. CALL TOM GLAVICH
AT 626-798-2430 or BARBARA HALL AT 818-368-5914
- AUG. 29 HUNTINGTON BOTANICAL GARDENS SUCCULENT SYMPOSIUM
ALL DAY AT THE HUNTINGTON
- SEPT 27 LONG BEACH CACTUS CLUB ANNUAL PLANT AUCTION
18127 SOUTH ALAMEDA ST., RANCHO DOMINGUEZ, CA—12PM
- NOV. 7 & 8 SAN GABRIEL VALLEY CACTUS AND SUCCULENT SOCIETY
SHOW AND SALE—LA COUNTY ARBORETUM ADDRESS ABOVE.
- DEC. 5 & 6 ORANGE COUNTY SHOW AND SALE AT THE FULLERTON ARBORETUM
1900 ASSOCIATED ROAD, FULLERTON, CA 92831
SHOW AND SALE OPEN FROM 10AM TO 4PM, FOR INFO. CALL 714-870-4887

MEMBERSHIP: Comments regarding the CSSA Convention in Tucson .

Jim Hanna:

I enjoyed the Tucson Convention and like always it's good to meet and see people and friends we have met over the years of attending conventions. There were a lot of good programs over the week and thanks goes to the Tucson Club for a great convention.

Laurel Woodley:

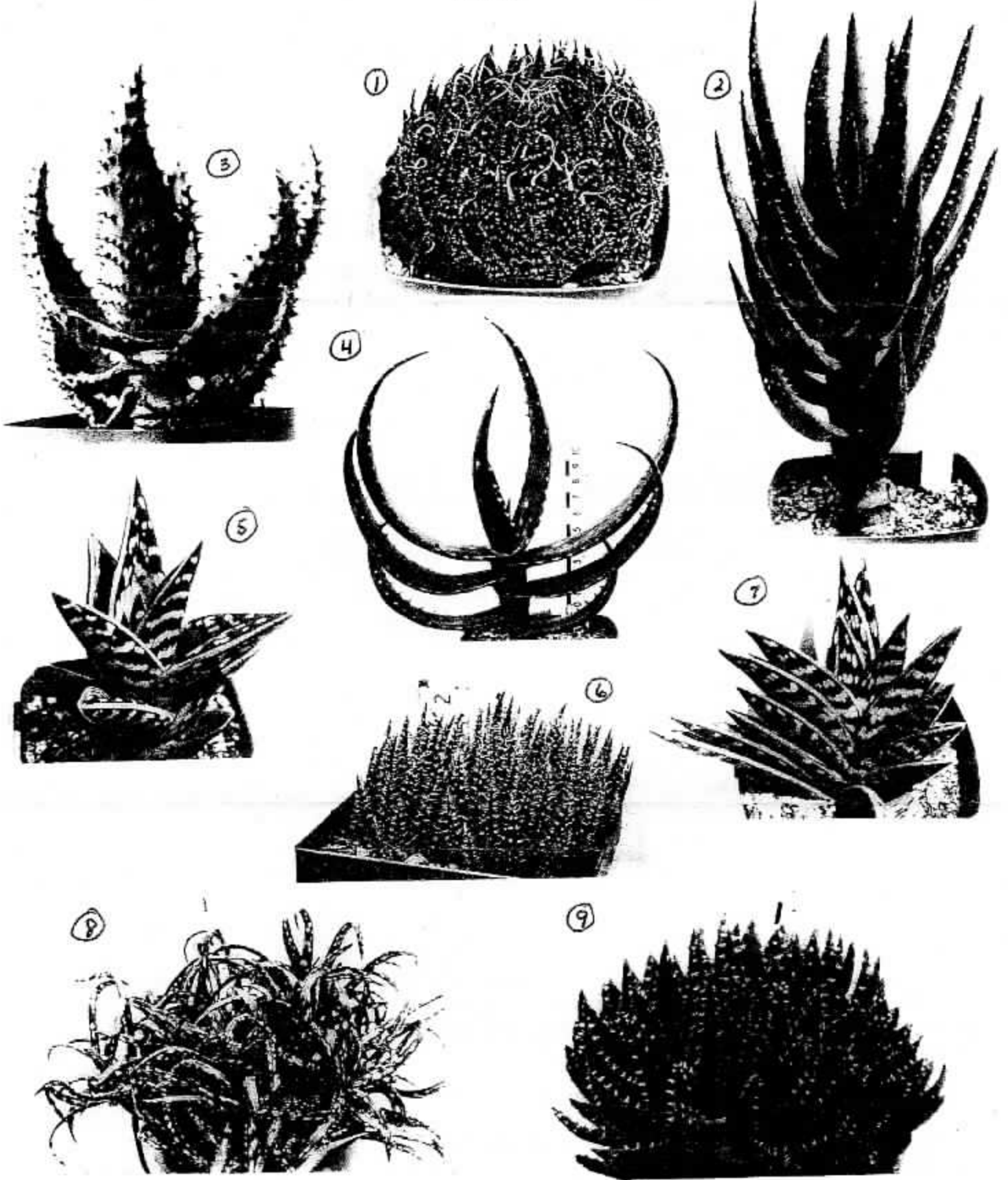
The five days of the convention were filled with activities including all-day lectures, special workshops and opportunities to purchase plants and books from dealers. Sunday evening was the CSSA Live Auction with an *Agave utahensis variegata* going for \$3,000. Monday was a field day with the most popular tour entitled: Habitat Exploration into Redington Pass and Beyond. Highlights of this wonderful field trip were *Mammillaria grahamii*, *M. macdougalii*, *Coryphantha vivipara ssp. bisbeeana*, *Ferocactus wislizeni*, *Echinocereus rigidissimus*, and *Dasyliirion wheeleri*.

Dry Times, May, 2009

SCC&SS OFFICERS: President: Dale LaForest (310)618-9886, 1st V. Pres.: Hank Warzybok, (562) 429-7110; 2nd v. Presl: Gary Duke, (714)377-0064; Treas.: Marsha Huebner, (310)834-0263;
Sec: Phillip Ross, (310)378-5748; Show Chr.: Jim Gardner; Sunshine Chr.: Lupe Hulett, (310)375-3790;
Refreshments: Carol Causey (310)675-5843; Nev.sletter: Vera Thaxton (760)564-3285.

THINK YOU KNOW YOUR ALOES?

Pictured below are nine aloes; see if you can match them with these names: a) *A. aristata*; b) *A. ausana*; c) *A. bakeri*; d) *A. brevifolia*; e) *A. dichotoma*; f) *A. gariensis*; g) *A. haworthioides*; h) *A. marlothii*; i) *A. variegata*.

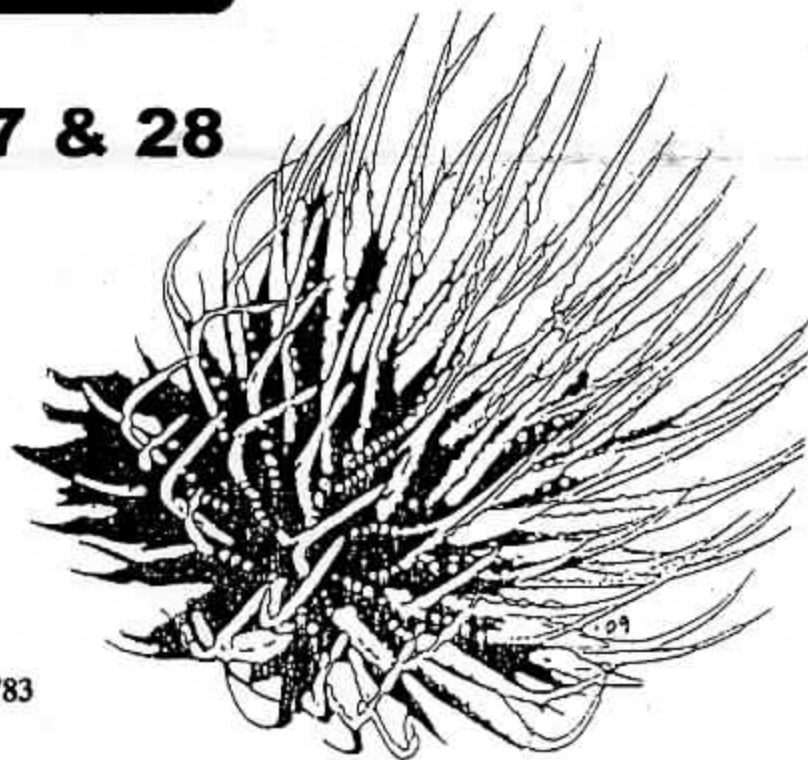


Aloe quiz answers: a) 1; b) 5; c) 8; d) 9; e) 2; f) 4; g) 6; h) 3; i) 7.

The Cactus and Succulent Society of America

**Cactus and Succulent
SHOW & SALE**

JUNE 26, 27 & 28



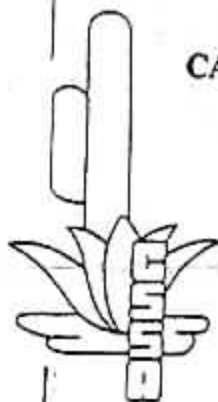
CALL INFO: (310) 822-1783

SALE: Friday, Saturday & Sunday 10:30 am
SHOW: Saturday & Sunday 10:30am

Free Admission to Show & Sale

Huntington Botanical Gardens

1151 Oxford Rd. San Marino
For Information Call - (626) 405-2100



24th Intercity
Cactus and Succulent Show and Sale
August 15 -16, 2009 9:00 - 5:00
Los Angeles County Arboretum
301 N Baldwin Ave
Arcadia, CA



Information: Tom Glavich 626-798-2430
Jim Hanna 562-920-3046
John Matthews 661-297-5364
Peter Walkowiak 858-382-1797
LA Arboretum 626-821-3222