



*Gates Cactus
and
Succulent Society*

SEPTEMBER 2005

NEXT MEETING: " WEDNESDAY " SEPTEMBER 7th

AT THE SAN BERNARDINO COUNTY MUSEUM

I- 10 AT CALIFORNIA STREET IN REDLANDS, CA.

7:30 PM

PROGRAM

Kelly Griffin is our speaker. He's still working on the topic. Needless to say it will be entertaining and very informative. 'Can't wait to see his plant offerings.

PRESIDENT'S MESSAGE

Yvonne and I just finished a delightful weekend. We participated in the inter-City Show in a big way for the first time. We had 26 plants entered in the show and came away with more ribbons than not. We also participated in the judging for the first time. Huge show, more than 1,200 plant. They used 12 judges and 24 clerks. The judging starts at about 6:00 PM on Friday evening and is all done by 9:00. Pretty amazing. And the plants, are they impressive. I took a few pictures, later,

but the show in total is just so big as to be nearly overwhelming.

HELP! We still need a candidate for Vice President for the coming two years.

Board meetings are the third Tuesday each month, except December, at the JMCC. (Jurupa Mts. Cultural Center).

OCTOBER GATES MEETING. Woody Minnich will be our speaker.

Don't forget the Best Dead Plant.

Dr. Death is planning to officiate again this year.

Looking ahead to the next couple of months, please note the following to watch for:

BARBEQUE: Saturday, September 24. 4:00 is

President	951-360-8802	Buck Hemenway
E-mail:	BuckHem@earthlink.net	
Vice-Pres	951-684-2635	Jill Coleman
Treasurer	951-369-7180	Karen Roholt
Secretary	909-947-5841	Kathy Conway
Past Pres	951-243-5940	Amber Jones
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Director	951-485-1816	Dennis Kucera
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Director/Editor	909-793-5395	Joe Casey
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Librarian	909-796-6417	Barry Urman

LEADERSHIP TEAM -- 2005

the start time at the Jurupa Mountains Cultural Center. We should start eating at around 5:30.

BARBEQUE

Here is the Plan.:

1. **Cactus Cook-off.**

Prepare your favorite dish with cactus ingredients and enter the Cook-off. Prizes for the best entries as voted by the members. Get there early so you can taste all of the entries.

2. **Games.**

Opuntia Toss, Horse Shoes. More fun, More prizes.

3. **Tours of the grounds.**

See what John's been up to lately at the JMCC. He will have the nursery open as well.

4. **Eating.**

The club (thank you Helen) provides the meat (chicken, burgers and hot dogs), the condiments and the soft drinks/water (thank you Chris).

To Prepare the food we need cooks. We need a few volunteers. Are you willing?
YOU bring the rest, side dishes and deserts. It is always a feast and a lot of fun.

5. We're looking for **new games** to play. Give us an idea.

We have ordered the New Cactus Lexicon for the club's library. Look to receive it in January or February 06.

And a review of some my comments from last month.

Tee Shirts and Ball Caps

We are still working on T-Shirts and Ball Caps for our Show & Sale next year. It is not too late to pass on your ideas to the Board.

Web Site

The Gates Web Site is up and running. Take the time to go look at it right now. It is a great work and we thank Buck for getting it up so

quickly. www.gatescss.org

Free Tickets

One more bit of news concerns our monthly Mini-Show. We keep trying to convince some of our more shy members to participate in the Mini-Shows. We began a new policy of enticement. Everyone who enters plants in the monthly Mini-Show will receive a raffle ticket for that month's drawing. That's one ticket regardless of the number of plants you show.

Free Plants

And if that's not enough the club is going to back to an old system of welcoming guests at our meetings. First time guests and new members attending their first meeting will receive a Free Plant grown by one of our member growers.

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MINI-SHOW SUBJECTS FOR 2005

SEPT. 7 Cactus Rebutia, Lobivia
Succulents Adenium, Pachypodium
Plumeria

OCT. 5 Cactus Parodia
Succulent Mesembryanthemaceae

And Special Category - Dead cactus
1 each of; single specimen
Or Planter with 2 or more dead cactus
Or Arrangement with dead cactus

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MINI-SHOW RESULTS FOR AUGUST 2005

CACTUS MONSTROSE OR VARIEGATED CRESTED

Bob Laughlin and Dennis Kucera judging

ADVANCED small, 6" pot or less

- 1st Bob Laughlin Mammillaria elongata
Cristatakl v. Copper King
- 2nd Joella Olsen Mammillaria species
- 3rd Joella Olsen. Rebutia species

ADVANCED LARGE, over 6" pot

- 1st Bob Laughlin Mammillaria elongata
cristata

SUCCULENTS **VARIEGATED**
MONSTROSE **OR** **CRESTED**

Bob Laughlin and Dennis Kucera judging

ADVANCED small, 6" pot or less

- 1st Buck Hemenway Echeveria shaviana crest
- 2nd Joella Olsen Gasteria, Aloe hybrid
- 2nd Buck Hemenway Gasteria sp. variegated
- 3rd Joella Olsen Euphorbia maughanii
crest
- 3rd Bob Laughlin Cotyledon ladismithiensis

ADVANCED LARGE over 6" pot

- 1st Buck Hemenway Senecio tallinoides
crest
- 2nd Bob Laughlin Haworthia cymbiformis

NOVICE

- 1st Ann Reynolds Monvillea stegaze
gazzinii

SEPTEMBER BIRTHDAYS

Our Very Best Birthday Wishes to all of these members:

- 9/01 Don Zeber (69)
- 9/03 Jerry Horne (68)
- 9/03 Carol Wujcik (62)
- 9/10 Joe Caldarelli (63)
- 9/10 Amber Jones (44)
- 9/13 Jill Coleman (59)
- 9/13 Alan Towar (50)
- 9/14 Pat Kramer (86)
- 9/15 Monica Dirac (63)
- 9/21 Don McGrew (71)
- 9/24 Herman Mauritz (79)
- 9/25 Diana Higdem (58)
- 9/29 Janet Burnham (64)
- 9/29 Judy Horn (64)
- 9/29 Gary Sims (59)

Only two are under 58! WOW!!
To all 15, we send our *very best wishes* especially to Pat Kramer on her 86th BD.

SEPTEMBER ANNIVERSARIES

- 9/06 Edna & Karl Osborn (35)
- 9/10 Sharlene/Herman Mauritz(39)
- 9/20 Peg & Mel Parks (49)
- 9/20 Jodee & Alan Towar (8)
- 9/25 Diana & Jim Higdem (40)

Congratulations on your special day. May you be able to do all that you used to do or wish to do!

MINI-SHOW PLANTS:

CACTUS OF THE MONTH
SEPTEMBER 2005

LOBIVIA AND REBUTIA

These two genera belong in the *Cereus* subfamily or tribe of the Cactaceae. Botanists break the *Cereus* tribe into 8 subtribes of more closely related cacti. The *Rebutias*, *Lobivias* and *Echinopsis* belong to the *Echinocereanae* or hedgehog cactus subtribe. These are low growing globular or cylindrical small cacti. They have single or multiple stems depending on the species and are heavily ribbed and spiny. Their bell shaped showy flowers appear on the sides of the stems. These three genera are closely related and intergrade in their stem and flower structures. .

Lobivia is a genus included by some botanists in the *Echinopsis*. It is commonly called cop cactus and contains about 70 species of low ribbed cacti from Bolivia, Peru and Argentina. The stems are simple and globose with 10-25 more or less tubercled ribs. The flowers open during the day and are capmalulate of red or yellow color. The fruits are small globose and hairy.

L. bruchii is the South American golden barrel cactus. It has globose stems to 1 foot thick with about 50 ribs, with chin like tubercles. The flowers are red. It is native to Argentina.

L. chrysantha has small stems 2 ½ inches high and 3 inches wide. The flowers are orange yellow with a purple center, and is native to Argentina.

Rebutia is a genus of about 40 species, called crown cactus. Now included in this genus are *Sulcorebutia* and *Weingartia*. They are cultivated for their colorful flowers. They are mainly small single stem to clump forming cacti found wild in high mountainous terrain to 13,000 feet in Bolivia and Argentina.

R. grandiflorajk, the scarlet crown cactus has flowers 2 ½ inches long.

R. aureifolia is a freely clustering cactus. The stems are covered with spirally arranged tubercles with white areoles and white spines. The flowers are yellowish orange with white throats.

R. spegazziniana is a clustering cactus with 2 inch thick stems with 18 warty ribs and white felted areoles and white spines. It has pink to red flowers in mass. It comes from Argentina.

R. senilis is the fire crown cactus growing 3 inches high with bristle like white spines. The flowers are carmine red 1 3/8 inches across.

Dennis Kucera

SUCCULENTS OF THE MONTH SEPTEMBER 2005 PLUMERIA, PACHYPODIUM, ADENIUM

These 3 genera are members of **Apocynaceae** the dogbane or oleander family. This family has about 215 genera and about 1300 species. They are mostly tropical plants that grow as herbs, shrubs, vines or trees. Usually they have milky juice with toxic alkaloids and glucosides. Several species are sources of medicinal products. Members of this family have simple, pinnately veined leaves with smooth edges like oleander. The flowers have 5 petals united at the base, tubular, that flair out above, horizontally like propeller blades, each petal is angled. Each flower has 5 stamens. Some other genera of this family that are used as ornamentals are *Carissa macrocarpa* the Natal plum, with edible fruit, *Trachelospermum jasminoides*, the very fragrant star jasmine, *Vinca major*, periwinkle a blue flowered cover plant and *Catharanthus roseus*, the Madagascar periwinkle a shrublet with showy pink or white flowers and has medicinal properties.

Plumeria, commonly called frangipanni, is a genus of 8 species from tropical and subtropical America. They are drought and cold deciduous shrubs or trees with round succulent stems. They have large showy clusters of very fragrant 5 petaled flowers that are white, pink, yellow or purple depending on the species. Visitors to Hawaii may be presented with a frangipanni flower Leigh strung on a long string. They can be rooted from cuttings or seed grown. The stems have abundant toxic milky sap, so use care.

P. acutifolia is a species native to Baja California Sur south of La Paz and Mexico. They can grow to 20 feet and often bloom before

leafing out forming a showy mass of white flowers with yellow centers.

P. alba of Puerto Rico and other nearby islands is called the west Indian jasmine. It forms a sparsely branched tree to 20 feet with very thick stems. It has yellow eyed white flowers 2 ½ inches across summer and autumn.

P. rubra is the more common frangipanni with rose pink or sometimes red to bronze flowers. It is native to Mexico southward to Panama. For most of us it is best to grow as a large container plant that can be protected from frost and moved under a patio corner or in the house.

Adenium is a genus of about 6 species or one extremely variable species with many varieties. They are found in semi-arid regions of the Arabian Peninsula, eastern and southwest Africa. Be very careful in handling these plants since the milky sap that oozes when cut is very poisonous. Wash your hands thoroughly. Adenium is a smooth, spineless succulent stem shrub or tree with a very swollen caudex. The coarsely branched stems are tipped with clusters of simple leaves.

A. obesum, called desert rose, is a variable perennial succulent with a thick bottle shaped caudex up to 6 feet tall when mature. Many short succulent brown branches produce oval leaves 4 inches long in the summer. Very showy red or pink flowers each 1 ½ to 2 ½ inches across are in small terminal clusters in summer. This more commonly grown species is very frost tender and must be protected from winter frost and rain. Keep dry and warm in winter since it will go dormant and drop its leaves. This species is native to Kenya Tanzania and Zimbabwe.

A. socotrana from the island of Socotra, south of the Arabian peninsula is similar to *A. obesum* but grows much larger.

A. oleifolium*, or subspecies *oleifolium has an almost oval caudex with 1 to 5 slender branches with clusters of lance shaped gray green leaves.

The plant grown only to 18 inches tall. In late summer it has clusters of pink to red flowers. It comes from Botswana and Namibia.

A. somalense* or subspecies *somalense is from eastern Africa has a very tall, cone shaped caudex up to 9 feet tall at maturity. It has short upright branches with clusters of blue green leaves with wavy margins. The smaller ¾ inch flowers are white or pink.

Pachypodium is a genus of about 17 species of spiny stemmed perennial shrubs or trees mostly from Madagascar and 5 species from south Africa. Many have swollen bottle shaped caudices; pachy, thick, podium base. They are very frost tender also and must be grown in a frost free area or under cover.

P. lamerei from southern Madagascar is a tall thick trunked spiny succulent to 20 feet tall. It branches near the top at maturity. It has shiny lance shaped dark green leaves 10 to 16 inches long. In summer it produces white flowers 3 inches across and has yellow throated white flower up to 4 ½ inches across.

P. geayi of Madagascar is similar to *P. lamerei* growing to 25 feet. The spiny branches have more narrow linear leaves to 16 inches long. In summer it produces flowers 3 inches across.

P. namaquanum of south Africa and Namibia has usually a simple thorny trunk to 8 feet tall and 12 inches thick. The single cluster of leaves are 2 to 5 inches long with slightly hairy and wavy edges. In summer it has tubular yellow green to purple red flowers.

P. saundersii from the Natal of S. Africa, and Zimbabwe is a shrubby, less thorny plant. It has smaller oval shiny green leaves. The showy white flowers have red stripes. There are many more Adeniums and Pachypodiums than mentioned above. Bring them in for the mini-show or discussion table.

OTHER TABLES

Plant Sales, Discussion, and Refreshments Tables will be open for the September 2005 Meeting.

If you can, bring some 'Goodies' to support the **Refreshment Table**.

Ambersigned up for August Hostess but Helen served up the "goodies". Helen signed up for this month. Maybe they can switch, and we can wish Amber a Happy Birthday as we go through the line.

And again as usual. a special **thank you** to those who frequently bring the goodies we enjoy so much.

And while on the subject of Kitchen Hostess, we have no one signed up for October and November. Please see me, Joe. To sign up at the Meeting. We'd like to have a few folks on the list for November because of the expected 'crowds' at the Auction. And consider bringing a little extra to feed the 'crowds'.

You always come thru with lots of goodies, so I'm sure we won;t go hungry. BUT, eat before you arrive, these are refreshments not supper!

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Cactus and Succulent Events

Sep 24, Sat., Gates C&SS Annual BBQ, JMCC, Cactus Cook-off, Games an Tours at 4PM, Eat at 5 PM

Sep 25, Long Beach C&SS Annual Auction, Dominguez Adobe, 18127 S. Alameda St. Compton.

Oct 15-16, San Gabriel C&SS 12th Annual Winter Show & Sale, LA Co. arboretum, 301 N. Baldwin Ave. Arcadia.

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If you went to the Tri-City Show & Sale you saw these on display.

If not.....see what you missed!! Photos by Buck

Oct 15-16, info noted above, is the last Show of the year. You don't want to miss it.



THIS and THAT

Leo Pickoff



Cynical sayings: Never, under any circumstances, take a sleeping pill and a laxative on the same night.

Rules of the Air for Pilots: A “good” landing is one from which you can walk away. A “great” landing is one after which they can use the plane again.

There is not a lot going on here. It is hot and miserable. So, what else is new. You can ask Buck and Yvonne who lived in Houston for a year. It is worse than Austin this time of the year; however, not much. I grew up about 35 miles northeast of here and do not remember it being like this. We had a lake. Austin has several lakes, the Colorado River, and other bodies of water. That makes for “UGH!” in hot weather. Speaking of my old home town, I played football for the Taylor Ducks. Probably the best known bench warmer we ever had. I was known as a 101 lbs. of dynamite. Everyone else weighed a lot more.



Passion Vine. We were looking for this one and found it at a nursery, The Natural Gardener, in a small town near here. A large truck was offloading plants and we found this one. The label said it had red flowers. That was all we needed to know. It was about 18 inches tall and didn't look all that great. Then we started looking for a wooden trellis about 6 feet tall. They were non existent. We could have bought a nice metal one. However, we didn't want to sell the farm to get the money for it. So, I made my own. We bought it in the spring. It grew slowly until it got hot and you can see what happened.



It just started flowering this month. So far, there has been only one flower open at a time.