



*Gates Cactus
and
Succulent Society*

APRIL 2009

NEXT MEETING: " WEDNESDAY " APRIL 1st

AT THE SAN BERNARDINO COUNTY MUSEUM

I- 10 AT CALIFORNIA STREET IN REDLANDS, CA.

PROGRAM

Our speaker for April will be Guillermo Rivera. His topic will be "Cactus from Peru, Land of the Incas." We have heard Guillermo several times in the past and his presentations are always *excellent*. Don't miss this one.

Guillermo will be leading a tour to Peru September 8-24 2009. This trip will include a guide visit to the Machu Pichu ruins. He is also planning a trip that combines Chile and Argentina in November 2009. This last trip is unique combining the best of both countries, and crossing the Andes on two occasions. For additional information please visit www.cactusexpeditions.com.ar

Buck Hemenway

PRESIDENTS MESSAGE

April? Already? Fool's Night Out, spring has sprung, and the bugs are hungry. What are You going to do? Well, one "clean" technique for pest control is to immerse the entire plant under water overnight. Those little buggers drown and no pesticides!

Can you imagine how a mealybug holding it's breath would look? Now, where to find a 60 x 75 foot container to treat my garden? Question: can mealybugs build arks?

Hope everyone enjoyed the recent open house at the Hemenways. Nice atmosphere for buying plants.

Coming up *very soon* is the Gates Show and

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1st Carlos Ruiz Mammillaria bombycina

ADVANCED

small, 6" pot or less

- 1st Tony Marino Mammillaria mazatlanensis
- 2nd Bob Laughlin Mammillaria senilis
- 2nd Bob Laughlin Mammillaria guelzowiana
- 3rd Tony Marino Mammillaria thornberii
- 3rd Joella Olson Mammillaria wildii

ADVANCED

LARGE, over 6" pot

- 1st Buck and Yvonne Mammillaria bombycina
- 2nd Buck and Yvonne Mammillaria magnifica
- 3rd Joella Olson Mammillaria bocasana

MINI-SHOW RULES

This show is open to all members. The 3 levels are **Novice**, blue form, **Intermediate**, pink form after 2 years of active participation, and **Advanced**, white form after 4 years of active participation or when you feel comfortable to move up to the next level.

You may enter NO more than 4 plants. They can be any combination of all cactus or all succulents, or all large or all small, any mix up to four plants.

Novice judges will be chosen by and work with *Dennis Kucera*. Show results will be published in the following months OG Newsletter.

THIS MONTHS PLANTS

APRIL Haworthia, Gasteria, Ferocactus, Echinocactus

SHOW TROPHIES

Please bring your winning trophy from the 2008 Show to the April Meeting

APRIL BIRTHDAYS

- 4/10 Norm Navarre (76)
- 4/13 John O'Neill (54)
- 4/17 Cora Harbushka (39+)
- 4/19 Danielle Milligan (70)
- 4/19 Linda Schluter (63)
- 4/21 Ina Schweitzer (45)
- 4/24 Cletes Williams (80)
- 4/28 Joe Casey (82)

Two really big Birthdays this month, Joe and Cletes.

There used to be three of us, Dan Gould, Elsie Sloan and Joe, with birthdays within two weeks, all born in April 1927. Dan & Elsie are still around but have given up their Gates membership. We miss them.

Our Best Wishes to all. And we salute the active seniors.



APRIL ANNIVERSARIES

- 4/09 Yvonne & Buck Hemenway (21)
- 4/19 Kathy & Vince Conway (34)
- 4/20 Mary Alice & Don McGrew (35)
- 4/20 Cidni & Danny Griffith (18)
- 4/30 Claudia & Al Oakes (46)

A parade of Anniversaries this month and we sure do wish them Happiness and Longevity.



OTHER TABLES

Plant Sales, Discussion, and Refreshments Tables will be reopened for the February 2009 Meeting.

Bring your Show and Tell plants to discuss or to get identified. A good picture will also do.

If you can, bring some 'Goodies' to support our popular Refreshment Table. Here's a special thank you to those who frequently bring the goodies we enjoy so much. They have been especially plentiful so far this year.

We circulated a list for you to sign up to be the Hostess/Host for one month this year. However, there are still a **few empty spaces**, like June, October and November. See if you can fill one of these spaces.



HOSTESS DUTY THIS MONTH.

Karen Angell and Joyce Rasske have graciously accepted the responsibility for the operation of the kitchen and refreshment tables for this Meeting. It is a lot of work so help them where you can. Thanks.

And we need to THANK Karen Roholt and Yvonne Hemenway for working the kitchen for the previous meetings. The great service and the snacking foods were plentiful, Thanks ladies.

CACTI OF THE MONTH APRIL 2009 ECHINOCACTUS, FEROCACTUS and THELOCACTUS *By Dennis Kucera*

These three genera are very closely related and Dr. Edmund Jaeger used only the genus Echinocactus in his Desert Wildflower book. Over 50 years ago botanists split the genus into Ferocactus and Echinocactus. Of the three tribes of the cactus family these two genera belong to the cereus tribe, Cereeae, known by its ribbed fleshy stems of continuous growth. There are

eight sub tribes in the cereus tribe. These three genera belong to the Echinocactaneae sub tribe, the barrel, ball and star cacti. About 25 genera are included in this sub tribe including Ariocarpus, Astrophytum, Chilenia, Frailea, Gymnocalycium, Lophophora, Notocactus, Parodia, and others. Ferocactus are commonly named barrel cactus, fish hook cactus, or visnaga. There are about 25 species of these large ribbed ovoid cactus of the southwestern U. S. and Mexico. their stems are cespitose, mostly simple globose to cylindrical, strongly ribbed and spiny. The larger spines are often flattened and hooked. The flowers are solitary on the upper side of the areoles, campanulate to funnel form, yellow to red, and staying open for several days. The tube and ovary are densely scaly, stamens numerous, fruit oblong and fleshy, seeds are black and pitted.

Ferocactus cylindraceus previously acanthodes is the common barrel cactus of our deserts in California with a range extending into Utah, Nevada, Arizona and Baja California. This plant can live 30 years or more forming a cylindrical stem one foot thick and seven feet tall. It has a crown of yellow flowers in spring.

F. Gatesii, named for Howard E. Gates, is a cylindrical cactus up to five feet tall. The flowers are red, funnel form 2 1/2 long and wide. It is native only to Smith Island of Baja California.

F. viridescens is a small coastal barrel of San Diego County coast into northern Baja California.

F. wislizenii, the fish hook cactus, grows to ten feet high with orange red flowers 2 1/2 inches long and wide. It grows wild in Arizona to Texas and northern Mexico.

Other Ferocactus worth getting are F. chrysacantha, F. diguetii from Baja CA, F. emoryi, F. fordii, F. glaucescens, F. gracilis the red barrel cactus from Baja CA, F. hamatacanthus with long hooked spines from Texas and Mexico, F. hystrix, F. latispinus, F. madrodiscus, F. rectispinus, F. recurvus, F. robustus, F. stainesii and F. stainesii var. pilosus

Echinocactus has 16 species found wild in Mexico and the southwestern U. S. It has similar growth characteristics as Ferocactus, except the crown is woolly and the fruits are woolly.

E. grusonii, the golden barrel is a common favorite easily grown from seed. It has a large simple stem up to three feet wide and tall with bright golden spines. The older larger plants may grow several globular offshoots at its base. This species originally from central Mexico may be extinct in the wild from over collecting. It now survives in cultivation and is fortunately commonly grown.

E. ingens the Mexican giant barrel is globose to four feet wide and high. The cultivar cv., helephoras is heavily banded with purple when young.

E. polycephalus with red spines forms clusters of globose stems up to 30 in a cluster. Each stem is one foot thick and up to two feet high. This species is native to south eastern California Nevada, Utah, western Arizona and northern Mexico.

THELOCACTUS is a genus of 11 species of smaller spherical cacti, native to the south western part of the United States and northern Mexico. They are closely related to Ferocactus and some were originally species of Ferocactus. Thelocactus are 6 to 8 inches wide and tall with relatively large showy flowers up to 3 inches across, yellow pink or magenta.

Bring your handsome specimens of barrel cactus for the MINI-SHOW

SUCCLENTS OF THE MONTH APRIL 2009

GASTERIA, HAWORTHIA, AND HYBRIDS

The Genus Gasteria of the **Aloaceae** number about 20 species of perennial, succulent herbs native to South Africa. The different species common names of cow-tongue cactus, lawyer's

tongue, dutch-wings and ox tongue. These plants are mostly stemless and form clumps. Their leaves are fleshy, flat or somewhat keeled and spotted or tubercled. Their leaves are 2 ranked or in spiral rosettes. Their flowers are pink red or rose, often with green tips in loose racemes of panicles. Their perianth, petals, are tubular. Each flower has six stamens developing into a 3 valved capsule, containing flattened and winged seed.

G. bicolor v. liliputana has leaves in spirals, lance shaped about 2 1/2 inches long. They are dark shiny green with white spots.

G. carnuta v. verucosa is the warty Gasteria. The leaves are 2 ranked, lanceolate 4 to 9 inches long and 1 1/2 inches wide and dull green. They are covered with raised white spots. The flowers are 1 inch long in racemes 2 feet tall.

Other choice species of **Gasteria** are;

G. acinifolia, with leaves up to 24 inches long, **G. armstrongii**, **G. batesiana**, and **G. glomerata** with showy spikes of orange flowers.

The Genus Haworthia of the **Aloaceae**, number about, 60 species of succulent perennial herbs native to South Africa. These small plants are stemless or short stemmed often suckering thus forming clumps Their leaves are imbricate in many rows forming dense rosettes. The leaf surfaces are often tuberculate like white warts, and usually keeled underneath. Their small flowers are white with green or rosy stripes in racemes or panicles. The short flower perianth is tubular and 2 lipped. Each flower has 6 stamens and the fruit is a 3 valved capsule.

H. limifolia is known as the fairy-washboard. Their leaves are triangular, about 2 inches long and are dark green with horizontal ribs on both sides.

H. papilosa is known as pearly-dots, and forms vertically elongated rosettes 8 to 10 inches high. The leaves are lanceolate to 4 inches long surfaced with white tubercles.

H. pygmaea has oblong ovate leaves only 1 ½ inches long. They are dark green and granulate. Gasterias, Haworthias and Aloes are closely related and can be hybridized.

Dennis

2009 MINI-SHOW PLANTS

JANUARY Aloe, Pilosocereus, Cliestocactus
Cephalocereus

FEBRUARY Crassula, Cotyledon, Tylecodon,
Echinopsis, includes Trichocereus
And Lobivia

MARCH Aeonium. hooked spined Mammillaria

APRIL Haworthia, Gasteria, Ferocactus,
Echinocactus

MAY Succulents and cacti, crested,
variegated, monstrose or oddball

JUNE** Portulacaria, Anacampseros,
Echinocereus.

JULY** PHOTOS of cacti and or succulents,
4 each, And Your favorite or best
cactus or succulent, well staged, 1 ea.

AUGUST Dish Gardens and Planters, cactus
and or succulents.

SEPTEMBER Agaves and relatives, **Monotypic
Cacti***, - one species per genus. See list

OCTOBER Euphorbia, Opuntia, Dead cactus or
Dead succulent.

*MONOTYPIC GENERA OF CACTI

Bergerocactus emoryi, Blossfeldia liliputana,
Brachycereus nesioticus, Calymmanthium substerile,
Caregia gigantea, Clintia knizeii, Denmoza
rhodacantha, Escontria chiotilla, Estopstoopsis
dybowski, was Austrocephalocereus, Geohintonia
mexicana, Isolatocereus dulmortieri, Jasminocereus
thouarsii, Leocereus bahiensis, Leuchenbergia
princiisii, Mammilloidya candida, Mila caespitosa,

Miqueliopuntia miquelii, Obregonia denegrii,
Ortegocactus macdougallii, Rauhocereus
riosaniensis was Browningia riosaniensis,
Samaipaticereus corroanus, Stetsonia coryne,
Strombocactus disciformis, and Yungasocereus
inquisivensis, originally Samaipaticereus
inquisivensis.

**PLEASE NOTE THAT THE MINI-SHOW
PLANTS FOR JUNE AND JULY HAVE BEEN
SWITCHED**

TO JOIN OR PAY DUES

If you wish to join or renew by mail, send your
check to:

GCSS % Joe Casey
307 Westwood Lane
Redlands, CA 92373

Include your name, address, phone number,
eMail address. If you include your birthday and
anniversary, we will recognize them in our
newsletter.

If you take our newsletter, the "Open Gates," by
PO surface mail, the dues are \$20 Bucks. By
email, the dues are \$15 Bucks.

Our Membership runs from Jan. 1 to Dec. 31.

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**Visit the Gates Cactus & Succulent
Society at
www.gatescss.org**

Calendar of Garden Events - 2009

****March 28-29** The Hemenway's 9th annual Open Gardens and Sale, 9-4 Sat & Sun, 5890 Grinnell Drive, Riverside, CA 951-360-8802

****April 4-5** UCR Botanic Garden Spring Plant Sale, UC Riverside. 951-784-6962

****April 10-15** 2009 CSSA Convention, TUCSON, AZ.

****April 18-19** Redlands Horticulture & Improvement Society 97th Flower Show & Garden Tour, ESRI Café, 370 New York St., Redlands, CA. www.rhis.org

****April 25-26** 62nd Riverside Flower Show & Garden Tour, Elk's Lodge, 6166 Brockton Ave., Riverside, CA. 951-687-3015

****May 3** South Bay Epiphyllum Show & Sale, South Coast Botanic Garden 26300 Crenshaw Blvd. Palos Verdes Peninsula, CA. 310-833-6823

****May 9** Gates C&SS Show and Sale, 9-5, Jurupa Mountains Cultural Center 7621 Granite Hill Dr. Glen Avon, CA. 951-685-5818

****May 9** Green Faire, 9-5, Several local Garden Clubs participate, Jurupa Mountains Cultural Center 7621 Granite Hill Dr. Glen Avon, CA. 951-685-5818

***May 2-3** Sunset Succulent Society , Show & Sale, Veterans Memorial Center, 4117 Overland Ave. Culver City, CA. 310-822-1783

***May 17** Huntington Plant Sale, 10-5, 1151 Oxford Road, San Marino, CA 626-485-2160

****May 17** 50th Annual Epiphyllum Society Show & Sale, LA Co. Arboretum, Arcadia, CA 310-670-8148

Subject: **10 Lines to Make You Smile**

Blessed are the cracked, for they let in the light!

TEN LINES TO MAKE YOU SMILE

1.. My husband and I divorced over religious differences. He thought he was God and I didn't.

2.. I don't suffer from insanity; I enjoy every minute of it.

3.. Some people are alive only because it's illegal to kill them.

4.. I used to have a handle on life, but it broke.

5.. Don't take life too seriously; No one gets out alive.

6.. You're just jealous because the voices only talk to me

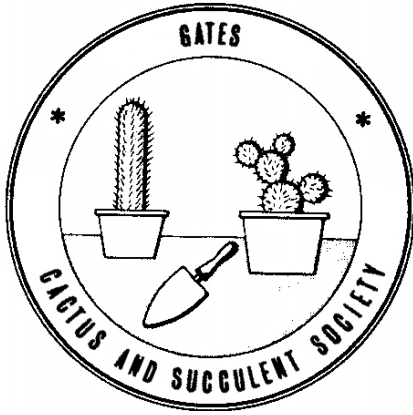
7.. Beauty is in the eye of the beer holder.

8.. Earth is the insane asylum for the universe.

9.. I'm not a complete idiot -- Some parts are just missing.

10... Out of my mind. Back in five minutes.

A lot of activities
to attend and enjoy
this month



Gates C&SS Show and Sale 2009

May 9 is fast approaching. Are your show plants ready? We think that the May date should allow many more blooms than in the past few years. Our plants should look their spring best.

There will be Show Schedules and Entry Tags available at the April and May meetings.

We will continue to have a Junior division, defined as anyone 13 years old and under. A trophy will be awarded.

We're going to need help setting up and tearing down as well as manning the Show room and Sales tent during the day. Set up will be Thursday May 7 beginning at 8:30 AM. Last year we were finished before noon. Tear down will be Sunday May 10 at 9:00 AM and we were finished at 11:30 last year.

You may bring your plants for the show, Thursday from 12:00 noon until 5:00 and on Friday from 8:00 AM until 4:30 when the judging begins. Sales begin on Friday sometime in the mid-afternoon, or whenever Yvonne gets set up.

There will be a lot more vendor participation this year, so we are asking our members to park in the dirt area above the JMCC office on Saturday. Please DO NOT park in any of the paved parking lots on Saturday.

We will have a talk on staging at our May meeting. In addition, we'll have a run down on how to make entering the show as simple as possible.

Buck