



*Gates Cactus
and
Succulent Society*

JULY 2008

NEXT MEETING: " WEDNESDAY " 7:30PM " JULY 2nd

AT THE SAN BERNARDINO COUNTY MUSEUM

I- 10 AT CALIFORNIA STREET IN REDLANDS, CA.

HAPPY BIRTHDAY AMERICA

AS

WE CELEBRATE OUR OWN 49th BIRTHDAY!

PROGRAM

Ahem, yes, definitely. Your Board does listen! (or, at the least, reads). Based on the survey earlier this year, this month's speaker is going to **BUG** you. His presentation will be on cactus and succulent pests and how to deal with them. No tomatoes (unless it has a hornworm) or rotten eggs, please. If you get the Open Gates electronically, notes will be sent out as soon as they are prepared after the meeting. If snails don't eat everything you have, copies will be at

the August meeting. Oh, I forgot to mention his name. Still forgot.

PRESIDENTS MESSAGE

Welcome back to sanity! Those of you involved in all the frenzy of Green Faire know what I mean; those that weren't? Well, you missed the best Show and Sale we've ever had in our club history. And this past weekend was the CSSA Show and Sale at the Huntington. Things should be a little more relaxed for the rest of the

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LEADERSHIP TEAM -- 2008

summer. Baked, sizzled, burned, but relaxed. Question: Can Coppertone protect cactus? And, don't forget our trip to the Wrigley Gardens on Catalina Island. Chew on that for awhile, but Ina needs your checks for the tickets. *mjg*

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WHAT A SHOW!

Thanks to all who participated, new records were established for both the Show and the Sale. We had more than 610 entries in the Show, a record by more than 150. The room was bursting with plants, Great Plants. Our members are raising some very nice succulents. The judges were wanting to take several of them home.

Congratulations to Judy Horne and Kim and Barry Urman for their terrific plants and great participation. Details will be elsewhere. That's to say Amber will have the stats in handout form, and will discuss them at the meeting.

The Sale was our biggest ever. We had nearly \$6,000 in plant sales. Again, thanks to all who participated, both on the selling and the buying side. It's a lot of work, but when so many hundreds of people come and enjoy our plants, it's all worth while.

We'll hold a wrap-up meeting on **Saturday, July 12 at 5:00PM at the Hemenway's**. Buck will roast a breast and everyone else should bring a side dish or desert. The club will supply the soft drinks and water. All participants are invited and we hope you will bring constructive criticism on how we can make our Show and Sale even more successful. *Buck*

MINI SHOW PLANTS FOR JULY 2008
SUCCULENTS, Bromelia family, Dychia, Hechtia, Abromiatella, Tillandsia ETC.
CACTI Astrophytum and Gymnocalycium

PLANTS MUST BE ON THE TABLE BY 7:15

MINI-SHOW RESULTS FOR JUNE 2008 SUCCULENTS VARIEGATED, CRESTED, MONSTROSE and ODD-BALL

John O'Kane and Dennis Kucera judging

NOVICE small, 6" pot or less
1st Ann Reynolds Euphorbia lactea crest

NOVICE LARGE, over 6" pot
2nd Ann Reynolds Euphorbia species
3rd Ann Reynolds Euphorbia flanniganii
H.M. Don, Mary McGrew Euphorbia species variegated

INTERMEDIATE small 6" pot or less
1st M. J. Green Euphorbia pseudocactus crest

1st Ina Schweitzer Euphorbia obesa monstrose
2nd M.J.Green Euphorbia mammillaris variegated

2nd Lyn Brooks Gasteria cv. "Green Ice"
3rd Karen Roholt Gasteria marmorata variegated, monstrose

3rd Karen Roholt Luckhoffia beukmanni crest

INTERMEDIATE LARGE, over 6" pot
2nd Ina Schweitzer Euphorbia lactea monstrose
H.M. Karen Roholt Portulacaria afra var. foliis-variegatis
H.M. Ina Schweitzer Euphorbia submammillaris

ADVANCED small, 6" pot or less
1st Tom Vermilion Euphorbia suzanne crest
2nd Dennis Kucera Sansevieria hahnii variegated
2nd Tony Marino Aeonium decorum
3rd Buck, Yvonne Hemenway Gasteria bicolor variegata

H.M. Tony Marino Euphorbia mammillaris
H.M. Bob Laughlin Pedilanthus tithymaloides variegata

ADVANCED LARGE, over 6" pot
1st Buck and Yvonne Pachypodium lameri crest
2nd Barry, Kim Urman Agave patonii variegated
2nd Tom Vermilion Agave victoria-regina variegated

3rd Bertie Lou Hazell Aloe brevifolia variegated
H.M. Bertie Lou Hazell Portulacaria variegated

MINI-SHOW RESULTS FOR JUNE 2008
CACTI VARIEGATED, CRESTED,
MONSTROSE, ODD-BALL

John O'Kane, Dennis Kucera judging

NOVICE LARGE, over 6" pot
 1st Don, Mary McGrew Opuntia Sp, Odd-Ball
 2nd Ann Reynolds Monvillea spegazzini crest
 3rd Don, Mary McGrew Opuntia vulgaris
 variegated
 H.M. Don, Mary McGrew Astrophytum
 Ornatum "Odd Ball"

INTERMEDIATE small, 6" pot or less
 1st M.J.Green Corypantha andliae variegated
 3rd Lyn Brooks Mammillaria wildii crest

ADVANCED small, 6" pot or less
 1st Tom vermilion Parodia aurius crest
 2nd Bertie Lou Hazel Astrophytyum sp. Odd Ball
 2nd Buck and Yvonne Cereus sp. monstrose
 3rd Bob Laughlin Cereus peruviana variegata
 3rd Tony Marino Cereus tetragonis monstrose
 H.M. Bob Laughllin Cereus forbesii cristata
 H.M. Bertie Lou Hazell Opuntia variegata

ADVANCED LARGE, over 6" pot
 1st Buck and Yvonne Cereus haggiana crest
 2nd Tony Marino Austropuntia subulata
 Monstrose
 2nd Barry, Kim Urman Cereus spegazzinii
 2nd Bertie Lou Hazell Mammillaria sp. Crested
 H.M Bob Laughlin Mammillaria elongata
 Cristata

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HOST/HOSTESS DUTY THIS MONTH
JULY 2008

Helen Hughes and Yvonne Hemenway have graciously accepted the responsibility for the operation of the kitchen and refreshment tables for this Meeting. Ask them if you wish to help. Thanks.

JULY BIRTHDAYS

Our Very Best Birthday Wishes to these members:

7/04 America (***)
 7/11 Francisco Perez (54)
 7/18 Yvonne Hemenway (59)
 7/22 Eleanor Grecian (81)
 7/26 Edna Osborn (??)
 7/26 Helen Hibbing (??)
 7/27 Peg Parks (74)

Look at those seniors, all 54+!

JULY ANNIVERSARIES.

Our congratulations and Best Wishes for the Future to both couples:

7/14 Jacque & Jeff Johnson (??)
 7/25 Karen & Chris Roholt (26)



NEW BOOK

We've just received notice of the publishing of a new book "Cacti, Agaves and Yuccas of California and Nevada" by Steven Ingram. We've ordered it and I will give a review when we receive it, but in the mean time this small publishing house has some interesting looking publications on California plants.
 www.cachumapress.com. *Buck*

Visit the Gates Cadtus & Succulent Society at:

www.gatescss.org



PLANTS OF THE MONTH JULY.2008 MINI-SHOW PLANTS ASTROPHYTUM AND GYMNOCALYCIUM

These two cactus genera are members of the *Cereus* cactus tribe which is divided into several sub tribes of more closely related plants.

Astrophytum known as star cactus, contains 6 species of 5 to 8 ribbed cacti native to Mexico. The stems are mostly solitary with round short cylindrical stems with surfaces scaly or floccose, the flowers are funnel form, yellow often with a red center.

A. asterias is commonly called sand dollar cactus or sea urchin cactus. It grows up to 4 inches wide and tall with 6 to 10 almost flat ribs with usually straight grooves. In summer mature plants produce yellow flowers with red throats up to 3 inches across. It is native to Mexico

A. myriostigma called bishops cap is a round to columnar cactus with 4 to 8 ribs with very small white woolly scales. Areoles are spineless and brown. This plant comes from Mexico and produces 2 inch yellow flowers in summer.

A. ornatum can be a columnar cactus with age up to 14 inches high. It has 6 to 8 ribs that sometimes spiral. Areoles have yellow or brown spines. In summer it can produce yellow flowers 4 inches across.

Gymnocalycium, commonly known as chin cactus, has about 40 species of globose cacti native to S. America. The stems are simple in most species with a chin, a protrusion below each areole. The flowers are campanulate to short funnel form, opening several days in succession. Flowers are white to pink and sometimes yellow and are native to Brazil.

G. bruchii is a tight clustering cactus with almost round, dark green stems to 2 inches thick with about 12 ribs. Flowers are pale pink and to 1 inch wide. It is native to No. Argentina.

G. mihanovichii "Red Head" produces round red stems with 8 prominent ribs. Without chlorophyll it must be grafted onto robust stock plants such as *Hylocereus*.

G. gibbosum is a dark bluish green to 8 inches high and 4 to 6 wide with 12 to 18 notched ribs. It's flowers in summer are white to red and 2 inches wide.

G. saglionis is a flattish globular plant up to 1 foot thick with 10 to 30 ribs with prominent tubercles. Coming from Argentina, it has pale pink funnel shaped flowers to 1 inch across.

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BROMELIADS BROMELIA, DYCIA, HECTIA, PUYA and TILLANDSIA

The Bromelia or pineapple family,

Bromeliaceae, has about 45 genera and about 2000 species from tropical America with one species in Africa. These plants are perennial herbs or subshrubs that are usually epiphytic, perched in trees and shrubs and even on power lines and less frequently terrestrial. The leaves of most species are long and stiff often in rosettes with with the leaf bases sheathing one another forming a tube or cup which holds water. The flowers are regular in shape, usually bisexual in spikes, heads, racemes or branching panicles. The flowers are often showy with colored bracts. Each flower has 3 sepals and 3 petals and 6 stamens. The 3 celled fruits are a succulent berry or dry capsule. Some of the commonly cultivated genera are *Aechmea*, *Ananas*, *Bilbergia*, *Bromelia*, *Crytanthus*, *Dychia*, *Guzmania*, *Hechtia*, *Neoregelia*, *Puya*, *Tillandsia* and *Vresia*.

Ananas bractiatus is the red pineapple or wild pineapple, native to Brazil. The flowers are in showy red heads with large elongated bracts concealing the tops of the ovaries. The variety *striatus* has leaves with white marginal stripes.

Ananas comosus in the commercial pineapple with stems to 4 feet. The leaves are in rosettes to 3 feet long and 1 ½ inch wide. The fruit is a fleshy, juicy syncarp, many fruits united..There are 7 other species of Ananas.

Bromelia is a genus of 48 species of terrestrial herbs native to tropical America.

B. balansae is the heart of fire from Argentina with showy bright red bracts under a cluster of pink flowers.

Dychia has about 103 species of stemless succulents that are terrestrial. They are native mainly to Brazil Paraguay and Argentina.

D. brevifolia, the pineapple Dychia, comes from Brazil. It has a tight rosette of 8" spiny leaves. The simple flower raceme has sulphur-orange flowers.

Hechtia has about 45 species of succulent terrestrials dioecious herbs native from southern U.S.to central America.

H. montana is native to central Baja CA with spiny 12 inch leaves in rosettes.

Puya contains about 170 species of terrestrial long leaved herbs native to the dry parts of S. America, mostly slopes of the Andes.

P. berteroniana, syn. *P. alpestris* has 3 foot long leaves, 1 ½ inch wide. It will have a tight panicle of metallic greenish blue flowers

Tillandsia has about 400 species of mostly epiphytic herbs native to north through south America, usually from dryer scrub woodland. The leaves are often scaly and are strap shaped to linear in basal rosettes or some times along a stem like spanish moss. Flowers are of many colors depending on the species.

T recurvata is called ball moss and bunch moss and is native to southern U.S. south to Argentina In the U.S. it is collected for use or stuffing material.

Other small gray leaved Tillandsias with colorful flowers are *T. argentea*, *T. brachycaulos*, *T. crocata*, *T. cyanea*, *T. lindenii*, *T. multicaulis*, and *T. stricta*.



2008 MINI-SHOW PLANTS

JULY Succulents; Bromelia family, Dychia, Abromiatella, Hechtia, Tillandsi

Cactus; Astrophytum, Gymnocalycium

AUGUST DISH GARDENS, PLANTERS; Cactus and or Succulents, PHOTOGRAPHS

SEPTEMBER Succulents; Pachypodium Adenium, Plumeria, Cactus; Copiapoa, Coryphantha

OCTOBER Succulents; Stapelia, Huernia, Hoodia, and relatives Cactus; Melocactus

NOVEMBER ANNUAL AUCTION

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OTHER TABLES

Plant Sales, Discussion, and Refreshments Tables will be open for the July 2008 Meeting.

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

Helen is bringing a large Birthday Cake.

If you can, bring some 'Goodies' like fruit or cookies to compliment the BD Cake. We do appreciate your support of our very popular Refreshment Tables.

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

Preparing for our 50th Anniversary Issue of Open Gates, this page popped up. A look at our past. It was written in 1992.

“A PAGE FROM OUR HISTORY BOOK”
Gates Cactus & Succulent Society History, - 1972.
compiled by *Joyce Tate*.

JULY was Birthday Month, so we had our Annual Picnic Potluck at the home of Mrs. Jessie Halverson in the Box Springs Hills. It was always a delightful place to visit, and it was almost a tradition to be there in July. As usual, we had bountiful food tables, with a wide variety of dishes. Metta Johnson brought her home made rolls, as usual, and as usual, none were left. It was a family time, and the youngsters always enjoyed hiking around in the hills. Besides eating, members enjoyed touring the landscaped garden with its Succulents. Virginia Ruston, Historian, had the scrapbooks on display. After dark, Phoebe and Loraine Cadotte and son, Butch, a photographer, showed pictures of various shows in which we had entered exhibits - the Riverside Community Flower Shows, the National Orange Shows, the Inland Center Show, and the CSSA Shows. They brought back memories for all of us. Butch then showed pictures of the Cadotte Garden and other members' gardens and the Desert Nursery. Some of our members entered exhibits and won awards at the CSSA Show. We were pleased to hear that we had won a First Place Ribbon and \$10 for our Society Exhibit in the 1972 Show. Art Montague was chairman of our Show Committee, and Mel Parks, Joe Dischner and the Pickoffs were members of the committee. They did a great job arranging the exhibit. Mrs. Bettie resigned as Treasurer because of illness and Brig. William Mollet became the new Treasurer. The Pickoff's "Plant of the Month" was the Mesembryanthemums.

That was many years ago, and the picnic has now evolved into the July Birthday Party Meeting. —ed.
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This recipe was on the same page as the History Book and it sounded good so here it is again.

BY REQUEST

**This is the recipe that everyone was requesting at the last meeting:
*Thanks to Jill Coleman.***

"Dump Cake"

- 1 1 lb. 5oz. can crushed pineapple (Dole is best)**
- 1 1 lb. 5oz. can apple pie filling (cherry is good also)**
- 1 box of yellow cake mix**
- 1 1/2 cubes of margarine**
- 1/2 C of chopped walnuts or whole pecans**
- Grease 13x9x2 inch glass pan.**
- "Dump" pineapple over entire bottom.**
- "Dump" pie filling over pineapple.**
- "Dump" cake mix (dry) over the top.**
- Slice cubes of margarine and place over entire top. Sprinkle nuts over top.**
- Bake at 350 degrees for 1 hour**



Game Of Life

"The game of life is not so much in holding a good hand as playing a poor hand well."

**TO ERR IS HUMAN
TO BLAME IT ON THE OTHER PARTY
IS POLITICS**

Calendar of Garden Events - 2008

***July 25-27** Orange County Summer Show & Sale, Fullerton Arboretum, 1900 Associated Road, Fullerton, CA. 714-870-4887.

***Aug 16-17** 23rd Annual Intercity Show and Sale, LA Co. Arboretum, .301 N. Baldwin Ave. Arcadia, CA. 626.798.2430 or 818.368.6914

***Nov 8-9** San Gabriel Valley C&SS Show & Sale, LA Co. Arboretum, .301 N. Baldwin Ave. Arcadia, CA.

***Dec 6-7** Orange Co. C&SS Show & Sale, Fullerton Arboretum, 1900 Associated Road, Fullerton, CA. 714-870-4887.

From the July 1995 Open Gates:

The **CRT** (cactus recovery team) has been busy over the last few years, saving and relocating unwanted and uncared for, large mostly cacti, plants. Many were given to the Society, with the understanding they would be placed in the garden. One year ago we planted **Judy Horn's** *pachypodium lameri* and now it is about to bloom.

In late June, team members, **Joe Bandzak** and **Joe Casey**, were called to pickup two van loads of cactus and succulent plants in pots, over in Moreno Valley. **Wanda Fowler** had loved these plants for many years but now was leaving the area and wanted The Gates Society to have her 'treasures'. She was not a Gates member but called **Donna Ater** because of our publicity which Donna handles so admirably. Most of the plants will be available at our Auction in November. **Wanda** also gave us a *cereus monstrosus* which was her favorite cactus and had a special meaning for her. We have planted it adjacent to another *cereus monstrosus* at the front of the garden. **Thanks Wanda** for your wonderful collection of plants.

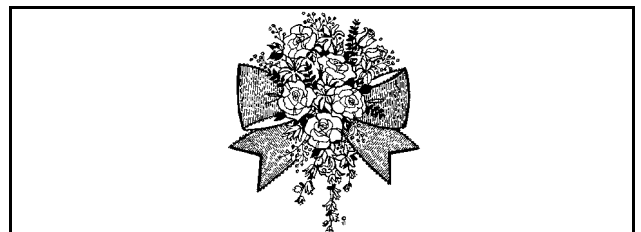
Check it out on your way to the meeting and look for the flowers on the *pachypodium*.

CRT members, **Joe B, Joe C** and **John Z** spent four hot hours this past week cutting and pruning the pad opuntias in the garden. At least 500 pounds of pads

were disposed of. With all the spring rain we had, the opuntias just about took over the garden. By the way if any of you have the room, and desire any, we'll save you some rooted pads. Talk to a CRT member. Now, **the BIG News**, On Friday June 30th 1995, we hope to **move the large 22 foot boojum** that **Joe C** talked about at last months meeting. It is not the best time to move it but the owner says get it out of here before "I chop it down!!" We also have another large saguaro approaching critical moving time. In other words get it out before I have it removed. We hoped to move it in early July. Our big holdup is manpower. Because we have no access to a crane we have to manhandle the plants. Most of the CRT Team members are 65+. Obviously, there won't be a lot of manhandling going on! We depend on augmenters especially the younger, bolder and gutsy types. We have six promises to help with the boojum. Check how we did, as you arrive for the meeting. Maybe we should start a pre meeting, walk around, look at our garden ritual. Most of us don't even know the plants we have now and if you don't get started soon to identify the specimens, you'll never catch up. We add new plants every month. How are you going to look smart in the eyes of your friends, when you bring them to visit the Museum, and can't tell them what you are looking at!!

HAPPY 49TH BIRTHDAY GATES CACTUS & SUCCULENT SOCIETY

MAY WE ALL BE TOGETHER FOR THE BIG
FIFTIETH BIRTHDAY PARTY





Trophy and Ribbon Awards 2008

Best Plant in Show:	<i>Epithelantha micromeris</i> Frank Nudge
Best Cactus in Show:	<i>Strombocactus disciformis</i> Frank Nudge
Best Succulent in Show:	<i>Operculicarya pachypus</i> Carlos Ruiz
Best Cactus Novice:	<i>Stenocactus llyodii</i> Carlos Ruiz
Best Succulent Novice:	<i>Aloe</i> sp. Don & Mary Alice McGrew
Best Junior in Show:	<i>Lithop</i> sp. Gabriel Granillo
Best Euphorbia:	<i>Euphorbia inermis</i> Eva Dye
Best Ferocactus:	<i>Ferocactus tortulispinus</i> Janet Burnham
Best Haworthia:	<i>Haworthia truncata</i> Frank Nudge
Best Lithops:	<i>Lithops</i> sp. Joella Olson
Best Mammillaria:	<i>Mammillaria semperviva</i> Joella Olson
Best Mexican Cactus:	<i>Corynopuntia invicta</i> Judy Horne
Best South American Cactus:	<i>Pilocereus azureus</i> Chris & Karen Roholt
Best Aloe:	<i>Aloe</i> cv 'Winter Sky' MJ Green
Best Agave:	<i>Agave macroantha</i> Buck & Yvonne Hemmenway
Best Sansevieria:	<i>Sansevieria desertii</i> Robert Laughlin
Odd-ball Plant:	<i>Euphorbia horrida</i> Dan Griffith
<u>ROSETTES:</u>	
Best Cactus in Advanced:	<i>Echinocereus engelmannii</i> Dennis Kucera
Best Succulent in Advanced:	<i>Gasteria armstrongii</i> Frank Nudge
Best Cactus in Intermediate:	<i>Mamillaria pilcayensis</i> Chris & Karen Roholt
Best Succulent in Intermediate:	<i>Echeveria lauii</i> Alice Beardsley
Judge's Choice:	<i>Neoporteria senilis</i> Carlos Ruiz
Judge's Choice:	<i>Ariocarpus fissuratus</i> ssp. <i>lloydii</i> Frank Nudge

Other Awards & Statistics

Number of entries in Show: 610

Number of exhibitors: 31

High Points Cactus: Judy Horne (111)

High Points Succulent: Kim & Barry Urman (97)

Overall High Points “SWEEPSTAKES”: Judy Horne !!