

LOS ANGELES
CACTUS
AND
SUCCULENT
SOCIETY

CACTUS CHRONICLE

March
2012

Visit Los Angeles Cactus and Succulent Society ONLINE at w.lacss.com

For more information

Contact:

www.LACSS@gmail.com



Next Meeting: March 1, 2012



Editor: Phyllis Frieze

Contact:

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The Los Angeles Cactus & Succulent Society is a non-profit organization. Since 1935 our purpose has been the education, conservation, & study of cacti & succulents. The "Cactus Chronicle" is the official bulletin of the Los Angeles Cactus & Succulent Society, an affiliate of the Cactus & Succulent Society of America, Inc. Any material in the "Cactus Chronicle" may be copied or reproduced by other clubs on our mailing list, or any non-profit organization, provided proper credit is given to the author and the Los Angeles Cactus & Succulent Society.

Woody Minnich

The American Southwest

Woody, as he is commonly called, has been in the cactus hobby for some 41 years and has become well known for his participation in many of the cactus and succulent clubs. He is an honorary life member of seven clubs as well as a life member of CSSA (Cactus & Succulent Society of America.) He has served in almost all positions of leadership from president, to newsletter editor, to show chairman and so on. He is also known for his extensive field work studying primarily the cactus family. He has traveled throughout the United States, Mexico, Chile, Argentina, Brazil, Peru, Bolivia, Africa, Yemen and Socotra. From these trips he has developed an extensive knowledge of the cactus family as well as many of the other succulent genera.

Woody is also known for his many presentations. His photography is considered to be special and his commentary very entertaining and educational. He is a recognized international speaker and has spoken for plant conventions - organizations all over the USA, as well as in England, Germany, Australia, New Zealand, Argentina and Mexico.

He is also known for his cactus and succulent nursery, Cactus Data Plants. CDP was started in 1975 and is still in operation today. Cactus Data Plants specializes in show specimens and rare cacti and other succulents with particular emphasis in *Ariocarpus*, *Astrophytum*, *Mammillaria*, *Gymnocalycium*, *Turbiniacarpus*, *Melocactus*, *Copiapoa*, *Fouquieria*, *Pachypodium*, *Euphorbia*, *Cyphostemma*, *Adenium* and *Adenia*.

Woody and his wife Kathy now live in the beautiful mountains south of Santa Fe New Mexico in a region called Cedar Grove. He has a small 1,200 sq. ft. greenhouse where he grows his unique plants. He is always on the move and travels frequently to do presentations and shows throughout the western United States. Woody is the proud parent of three children, Leah, Denver and Sarah, all of whom are now grown and out in the big world. Woody is also the proud grandparent of three grandsons, Indiana, Ashton and Logan. He is a retired high school teacher of 32 years and he taught Graphic Arts, Architecture, Art and Health.



The Great American Southwest

Nowhere in the world is there a more dynamic and picturesque region than that of the American southwest. This romantic and historical part of the USA is marked with drama from its indigenous peoples and landscapes, to its grandest plants and creatures. For the purpose of this title we are including the seven most cactus and succulent rich states; Arizona, California, Colorado, Nevada, New Mexico, Texas and Utah.

In these seven states there is a wealth of endemic plants and animals. Along with these plants and animals, one will often encounter some amazing and beautiful scenery. Due to the fact that many of our cacti and succulents are found in these unique environments, their special characteristics are frequently developed for adaptation and survival in these harsh places. The geology in this general region is very often tortured and dramatic, and thus the plants, animals and scenery are frequently nothing short of breathtaking!

Each state will be addressed with the cacti and succulents that are primarily found in that state. A fair number of the taxa inhabit more than one state, but many species are often found in a geographically small area located only within a single state. These genera include some of the rarest and most difficult to cultivate cacti and succulents to be found in the trade today. Their environments range from extreme cold regions with blazing sun, to high elevations with meters of snow, and from very arid low deserts with furnace like temperatures to Mediterranean-like coastal niches.

We will not show all the recorded species of each genus but will focus on the most unique and classic representatives of the Cactaceae and the many other succulent genera. These genera will include; *Agave*, *Ancistrocactus*, *Ariocarpus*, *Astrophytum*, *Carnegia*, *Coryphantha*, *Dasylyrion*, *Dudleya*, *Echeveria*, *Echinocereus*, *Echinomastus*, *Epithelantha*, *Escobaria*, *Ferocactus*, *Graptopetalum*, *Lophocereus*, *Lophophora*, *Mammillaria*, *Neobesseya*, *Neolloydia*, *Nolina*, *Opuntia*, *Pediocactus*, *Sclerocactus*, *Stenocereus*, *Thelocactus*, and *Yucca*. We will also take a look at some of the old plant names and their places, and stories in history.

Adding to the mystique of the Great American Southwest is a wealth of information, from the places where these plants were found to the people who found them. Names like *Coloradoa*, *Navajoa*, *Toumeyia*, and *Utahia* are just a few of the romantic and descriptive epithets used for some of these prized genera. There are many famous explorers and botanists who spent their entire lives to find these unique plants. These people include such prominent names as; Britton, Rose, Engelmann, Benson, Earle, Gentry and Weniger, just to mention a few.

This presentation, The Great American Southwest, is an epic story and view of this magic land. Many people from all over the world have been attracted this special region, and for me, I will be sharing over 40 years of my field work in this most incredible part of our country.

Wendell S. (Woody) Minnich 2012

PRESIDENT'S MESSAGE

March, 2012

We enjoyed another outstanding program in February, with Andy Siekkinen giving a highly original presentation on Bromeliads, specifically on the genus *Hechtia*. He de-mystified how bromeliads known as "air plants" use trichomes, large single hair cells, to increase their surface area and draw moisture into the plants. Thank you, Andy, for a wonderful balance of theory and practice, along with sharing your Mexico adventures.

At the meeting, we announced a Logo Design Contest to update our present LACSS logo which is merely letters. Our logo appears on the website, *Cactus Chronicle*, stationery, show T- shirts, and print materials. The contest is open to all members, and the Board is offering a prize of \$100.00 to the member whose design is selected. The art work should be 2" x 2" in size, easily shrunk or enlarged for various uses, and should work well in both black & white and color. The letters LACSS should appear in the design, and the founding date of 1935 may also be included. Entries are due by **March 15**, and should be sent to our email address: LACSS.contact@gmail.com.

During our meeting, members were asked to fill out a survey prioritizing meeting activities and participation in Plant of the Month. We believe that Plant of the Month is a vital educational component, and our aim is to increase participation. The board is presently reconstructing the guidelines to promote more plant submissions, especially from new members. Here is a summary of the survey results:

- 90% of respondents find the presentations a priority for attending meetings.
- 52% of respondents enjoy the how-to workshops
- 35% of respondents enjoy the Plant of the Month
- 48% of respondents enjoy the field trips
- 39% of respondents enjoy the raffles and purchase opportunities

Few of our rookie members participate in Plant of the Month; participation increases with length of membership in the club. Many members suggested new categories for POM, a new "rookie" division, and other ideas as well.

All survey data and suggestions will contribute to new POM guidelines to be finalized at the upcoming board meeting on March 18. Your input is valued and makes club meetings meaningful and exciting.

Thank you again to the ABCD group that brought our delicious refreshments. And a reminder to members whose last names begin with EFGH to please bring refreshments for the March 1 meeting.

Roxie Esterle
President
LACSS.contact@gmail.com





ON THE PADS OF TIME

Nils Schirmacher

Time figures prominently in horticulture, with the growth of every plant being determined by a cycle that spans its entire life; and shorter, seasonal turns that are determined, in part, by the length of daylight hours. With a nod to Sir Isaac Newton, this statement can be rephrased as metaphor: within each plant there resides several clocks, whose works are engaged by external stimuli tethered to a time-bound cosmos.

For those who tend cacti and succulents, time holds a special place. Their plants are misers by nature: frugal with the resources that benefit growth, often requiring decades to reach maturity. This slow-but-sure attitude can be maddening for their keepers, as there is often conflict between the plants' sluggish clocks and the brisk pace at which we conduct our business.

The reward for suffering through this tension can be reaped on the show table, where a specimen's maturity is seminal among the criteria used to judge entrants. This single factor can account for a third of the judge's determination, suggesting that one of the most important skills a grower can attain is the ability to wait out their plants' slow creep to adulthood. While

pragmatic cactiphiles will label this attribute patience, those who dabble in metaphysics might call it a merging with plant consciousness.

As a social organism, our club is also an entity subject to time. In contrast to a plants' seasonal reception of sun, water, and nutrients, the club's growth is dependent on the quantity, creativity, and dedication of its members.

The development of the Los Angeles Cactus and Succulent Society has been recorded in the *LACSS Biography*, a fifteen-page document listing the noteworthy events and personalities that form the club's extensive history. Beginning with our inaugural year of 1935, the biography extends through 1999: the year that it was compiled by Bobby Dean, with the help of Duke Benedom, Betty Gay, and Bob and Aiko Schick.

While this 64-year chronicle of club activity is dense with facts that will form the basis of future posts, I'd like to make note of one item that I found striking: the number of times our meeting location has changed over the decades. Our monthly get-togethers have taken place at park rec centers, High School and Community College classrooms, the halls of churches and Chambers of Commerce, and numerous members' homes. These varied locations have been spread throughout L.A. proper, and stretched across the San Fernando Valley, in the cities of Burbank, Tujunga, Reseda, Northridge, Calabasas, and Granada Hills. Astonishingly, there were many years where the meeting location changed several times in one year! How many of us, with our busy lives, would be able to keep pace with such changes?

We are fortunate to have a reliable meeting place at the Sepulveda Garden Center, which has served the club since 1995. We are also fortunate that past members demonstrated themselves to be more than plant-obsessed; they recognized a future need for the camaraderie and mentorship that they received from the club, and strove to maintain our organization.

What follows is a summary of the *LACSS Biography*: chronological tidbits set to the tune of an aging Echinocereus.



An infant Echinocereus polycephalus



An adolescent of the same species



A mature specimen basking in its Golden Years

- 1935** Club formed under original name "Southwest Cactus Growers"
- 1936** Members dine on freshly captured rattlesnake during club field trip
- 1941** December meeting cancelled due to attacks on Pearl Harbor
- 1947** Name officially changed to Los Angeles Cactus and Succulent Society
- 1957** Membership numbered twenty-four dedicated growers
- 1963** Club's display wins Blue Ribbon at L.A. County Fair
- 1967** Lifetime Members Walt and Maxine Wegner join
- 1976** Woody Mimmich club president
Attendance at meetings averages 57
- 1981** Lifetime Member Chris Rogers joins
Duke/Kaz Benedom and Artie Chavez enter POM contest in Beginners class
- 1984** Lifetime Member Sandy Chase joins
- 1987** Members dine on Opuntia pads with onions and bacon during May meeting
- 1992** Steve Frieze enters POM contest in Beginners class
- 1993** *The Chronicle* begins to use digital Word Processing
- 1995** At 60th Anniversary show, Norma Lewis is recognized for a superb display
- 2001** The country mourns attacks of 9/11
- 2010** Annual show finds success as a "Drought Tolerant Plant Festival"
- 2012** LACSS blossoms in its 77th year!

CACTUS AND SUCCULENT Calendar of Events 2012

Updated March 2012

- February 11** San Diego Cactus & Succulent Society -Winter Show & Sale
Balboa Park, Room 101, San Diego, CA Info: (858) 382-1797
- March 23 & 24** Orange County Cactus & Succulent Spring Show & Sale 9am - 5pm
1000 S. State College Bl., (Anaheim United Methodist Church) Anaheim, CA
Contact Vince Basta (714) 267-4329
- April 7 & 8** South Coast Cactus & Succulent Society Show & Sale
South Coast Botanical Gardens, 26300 Crenshaw Blvd., Palos Verdes, CA
Info: (310) 832-2262
- April 14 & 15** Green Scene Plant Sale—Fullerton Arboretum, 1900 Associated Road, Fullerton CA 92831
- April 28** South Bay Epiphyllum Society Show & Sale---9am - 4pm
South Coast Botanical Gardens Info: (310) 833-6823
- May 5 & 6** Sunset Cactus & Succulent Show & Sale
Veteran's Memorial Center, Garden Room, 4117 Overland Ave., Culver City, CA
Info: (310) 822-1783
- May 13** Huntington Plant Sale 10am - 5pm
Huntington Botanical Gardens
1151 Oxford Road, San Marino, CA, Info: (626) 405-2160
- May 18 & 19** 31st Gates Cactus & Succulent Society Sale 9am - 4:30pm
Jurupa Mountains Cultural Center 7621 Granite Hill Drive, Glen Avon, CA Info: (951) 360-8802
- May 26 & 27** Central Coast Cactus & Succulent Society
Annual Show & Sale 10am - 4pm
Ludwick Center, 864 Santa Rosa, San Luis Obispo, CA,
Info: (805) 237-2054, www.centralcoastcactus.org
- June 2 & 3** San Diego Cactus & Succulent Society Summer Show & Sale Balboa Park, Room 101, San Diego, CA
Info: (858) 382-1797
- June 9 & 10** Los Angeles Cactus & Succulent Society Show & Sale, June 11th 9am - 5pm, 12th 9am - 3:30pm
Sepulveda Garden Center 16633 Magnolia Blvd., Encino, CA
Info: email: LACSS.Contact@gmail.com
- June 29-July 1** CSSA Annual Show & Sale –
Huntington Botanical Gardens 1151 Oxford Road, San Marino, CA
Show Opens-June 30th - July 1st--Free to the Public, Info: (626) 405-2160 or 2277
- July 27 & 28** Orange County Cactus & Succulent Society Summer Show & Sale--9am - 5 pm--Friday & Saturday
1000 S. State College Bl., (Anaheim United Methodist Church) Anaheim, CA
Contact: Vince Basta (714) 267-4329
- August 11 & 12** 27th Annual Intercity Show & Sale
LA County Arboretum - 301 N. Baldwin Ave., Arcadia, CA 9am - 5pm
Info: Tom Glavich (626) 798-2430 or John Matthews (661) 297-5364
- September 1** Huntington Botanical Gardens Succulent Symposium
1151 Oxford Road, San Marino, CA All Day at the Huntington
- September 23** Long Beach Cactus Club Annual Plant Auction
18127 So. Alameda St., Rancho Dominguez, CA----12:00
- November 3 & 4** San Gabriel Valley Cactus & Succulent Society Show & Sale
LA County Arboretum 301 N. Baldwin Ave., Arcadia, CA
- November 9 & 10** Orange County Cactus & Succulent Winter Show & Sale 9am - 5pm
1000 S. State College Bl., (Anaheim United Methodist Church) Anaheim, CA
Contact: Vince Basta (714) 267-4329

As reported by John Matthews, Rogers Weld fell and broke his left hip. He had surgery on the 12th. He is now in Rehab and doing his exercises and learning to walk. Thank you all for your concerns and to Roxie for volunteering all of you to come take care of our garden.

We were very touched by that offer. Darlene & Rogers

IMPORTANT

Dues Reminder to LACSS Members

LACSS Membership dues for the 2012 calendar year are due at this time. Please pay your dues at the February meeting. Only those members who have paid their 2012 dues will continue to receive the *Cactus Chronicles* after March, 2012.

Volunteers needed for LACSS Annual Drought Tolerant Plant Festival June 9 and 10, 2012

We need many volunteers to help coordinate, publicize, and host activities during our Annual Drought Tolerant Plant Festival. If you are eager to serve and be an active part of this exciting event, please contact

**LACSS Officers and Responsibilities
2012-2013**

Contact Board Members at lacss.contact@gmail.com

Office	Name
President	Roxie Esterle
1 st VP, Programs	Tim Harvey
2 nd VP, Plant of the Month	Manny Rivera
3 rd VP, Special Events	Bob Morris
Secretary	Cheryl White
Treasurer Website contact	Ronit Weiss
Director 1 odd years Membership	Richard Roosman
Director 2 even years	Sylvia Strehlo
Past President LACSS Sales - Events Chair	Artie Chavez
Cactus Chronicle Editor	Phyllis Shapiro
Publication Chair Intercity Show Chair CSSA Representative	John Matthews
Librarian LACSS Inside Show LACSS Show Publicity	Joyce Schumann
Holiday Party Hospitality (new member packets)	Barbara Hall
LACSS Inside Show	John Martinez and Joyce Shumann
LACSS Show Publicity	Kim Thorp and Joyce Shumann
LACSS Sales	Doug George
Plant Procurement	Gerald Richert
Education	Steve Frieze
Hospitality (new members orientation)	Danielle Duboff
Mentor Program	Efren Flores ??
LACSS Webmaster	Gunnar Eisel
Monthly Drawing	Leah Imamura and Juana Williams
Member at large	Norma Lewis

Plant-of-the-Month

	<i>Cacti</i>	<i>Succulent</i>
January	Mammillaria	Othonna & Senecio
February	Monstrose and Crest	Monstrose and Crest
March	Variegates	Variegates
April	Echinocereus	Haworthia
May	Echinopsis	Gasteria
June	Cephalium bearing cacti	Adenium
July	Eriogyne	Cyphostemma
August	Favorite	Favorite
September	Gymnocalycium	Euphorbia - Caudiciform Type
October	Parodia (includes Notocactus)	Stemless Mesembs - no Lithops
November	Frailea & Blossfeldia	Tylecodon
December	<i>Holiday Party</i>	<i>Holiday Party</i>

Entry Classes: All new members, new to the hobby, should enter plants in the Novice class. Novices must move to the Advanced class after they have won a total of 40 first place awards in the Plant of the Month competition or who have been a member of the LACSS for three years or more. Individuals who own a nursery are required to enter in the Open class. Members must determine which class is appropriate for their skill level and must then continue to enter in that class for the remaining of the calendar year.

Prizes: All prizes are awarded at the Holiday Celebration in December. Trophies are awarded by entry class for those members who scored the most points in either the cacti or combined succulent categories. In the Novice and Advanced classes the top two scorers in each of the plant categories will also receive a prize (typically a plant). These prizes are awarded based on the total number of points scored during the year. Finally, a trophy is awarded to members, regardless of class, who have earned the most points in the cactus and/or succulent categories during the prior year.

Entry Requirements: All entrants must be LACSS members. Members are restricted to 3 plants per entry category per month – a total of 6 plants. In the Advanced and Open Classes, members must have been in possession of their plants for at least one year. Those members showing in the Novice class may immediately enter a recently obtained plant. You can only enter plants that conform to the Plant of the Month schedule described above.

LACSS
GENERAL BOOK LOAN POLICY

- You must be a member of LACSS for 3 months and attend at least 3 meetings before you may check out books.
- ♦ Book loans are for 1 month – borrow it this month, return it next month.
- ♦ Check out card must include date (month and year), your name, and your phone number.
- ♦ Only 2 general books may be checked out at a time.
- ♦ Books must be returned before you can check out more books.
- ♦ Borrower will be assessed a fee of \$5.00/month for each overdue book.
- ♦ If a book is not returned within 120 days, borrower will be billed for the total replacement cost of the book.
- ♦ If restitution is not made for late, lost, or unreturned books, borrower will lose their library privileges.

Librarian will provide a receipt for returned book (s).

March 2012



From the Stacks of the Library

Now is the time to utilize our extensive library to gather and confirm information for our June show indoor display. The 2012 Library list is available to assist your search for useful books. If you have a specific request, please call or email me.

In addition to our most recent NEW books, our **NEWEST** new book will be featured this month. Titled "*The Timberland Press Guide to Succulent Plants of the World*" (*Subtitle: A Comprehensive Reference to More than 2000 Species.*) The length of the title gives a clue to the extent of the subject matter. The author, Fred Dortort, has been active in the hobby for many years and has been published in the CSSA Journal. This is an excellent book for all hobbyists. The chapters are arranged by **Family** (which helps see the *family* resemblance) and then are grouped by large, medium and small plants. Each "family" chapter contains information on plant origin, plant and flower descriptions. Most of the photos are in habitat but are supplemented by cultivated plants when habitat photos are not available.

The first two chapters discuss "Succulents in Nature" and "Succulents in Cultivation." The first chapter contains some excellent in habitat photos.

I will not be in town for the April meeting so please return any books you have checked out now. For the books you check out in March – you get an extra month of reading time at no extra charge.

So for now, stop by the Library table and **CHECK IT OUT!!**

See you soon, Joyce the Librarian

Plant of the Month - February Winners

Novice Division

Succulent - Monstrose and Crest

Award	Name	Plant
First	Rio Cernik	Euphorbia Manda crest
Second	Rio Cernik	Pachypodium lamerii
Third	Bob Morris	Aeonium 'Sunburst'

Cactus - Monstrose and Crest

First	Rio Cernik	Unknown
Second	Rio Cernik	Unknown
Third	Rio Cernik	Unknown

Advanced Division

Succulent - Monstrose and Crest

Award	Name	Plant
First	Cheryl White	Pachypodium rosulata var. gracilis
Second	Kim Thorpe	Euphorbia mauritanica
Third	Kim Thorpe	Aeonium 'Sunburst'

Cactus - Monstrose and Crest

First	Kim Thorpe	Euclychnia castanea spiral form
Second	Barbara Hall	Copiapoa hypogaeae var. hypogaeae crest
Third	Barbara Hall	Rebutia grandiflora crest
Third	Kim Thorpe	Wilcoxia schnolli crest



Open Division

Succulent - Monstrose and Crest

Award	Name	Plant
First	Artie Chavez	Luckhoffia beukmanii
Second	John Matthews	Agave 'kissho kan' monstrose
Third	Artie Chavez	Pedilanthus macrocarpa

Cactus - Monstrose and Crest

First	John Matthews	Mammillaria vetula ssp. Gracilis monstrose
Second	John Matthews	Mammillaria 'Fred'
Third	John Matthews	Echinocactus grusonii monstrose

 Best succulent in the mini-show
 Best cactus in the mini-show

LACSS Membership Form (Please print the following information)

Name _____ Phone _____

Name of Additional Members: _____

Address _____

City, State, Zip Code _____

E-Mail Address _____

Send me the newsletter by E-Mail Send me the newsletter by U.S. Mail(\$5 extra fee)

Send me a plastic name badge (\$6.50 each)

Type of Membership: New Member Renewal

- Single Membership \$20 annually \$10 1/2 year (July or after)
- Family Membership \$25 annually \$12.50 1/2 year (July or after)
- Newsletter by U.S. Mail \$5 fee in addition to the membership charge
- Cash Check: number _____

Special Interests _____

Monthly Meeting Refreshments

Each month different members whose last name begins in a particular letter are requested to furnish refreshments for the club. Below is the list, by month, for 2012.

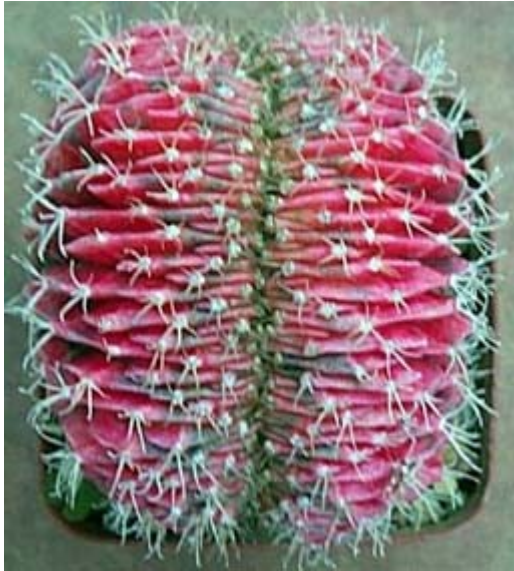
January	T U V W X Y Z	July	T U V W X Y Z
February	A B C D	August	A B C D
March	E F G H	September	E F G H
April	I J K L M	October	I J K L M
May	N O P R	November	N O P R
June	S	December	HOLIDAY PARTY

Members were selected by the approximate number of members attending each meeting.

**Refreshments for the month of February are members whose last names begin in
*E, F, G, H***

Los Angeles Cactus and Succulent Society

Cactus and Succulent of the Month March 2012 - *Variegates*



Variegated *Gymnocalycium*

All variegates are mutants. Something has gone wrong with the cellular structure of the leaf or stem growth tip (apical meristem) of the plant. As a result of this mutation, chlorophyll is missing from some or all layers of the plant epidermis.

Variegation is known in most plant families, and variegated plants have a place in most gardens. The bright yellow and white of variegated foliage adds pattern and rhythm to many herbaceous borders. In succulent plants variegates are generally separated from normal plants, and compete against other variegates to put them on an equal footing. Variegated plants grow slower and are generally smaller than non-variegates of the same species. A large well grown variegate of any species is truly an achievement.

Great Variegates

Agave - There are several forms of variegated *Agave americana*. There are forms with a green center stripe and yellow edges, a yellow stripe and green edges, a green center and white edges, a white center and green edges, yellow centers and crinkled edges. Other species of *Agaves* have also produce variegates, with the same variety of variegation.

Cacti - variegates can be found in many genera. *Gymnocalycium* are the most often seen, but some columnar variegates and some *Ferocactus* variegates are also common in cultivation. The odd variegate appears in many seedling batches. Variegated *Turbinicarpus*, *Astrophytum*, *Matucana* and *Ariocarpus* have been seen at some of recent shows.

Many of these are artificially propagated by grafts. The famous 'Red Caps' and 'Yellow Caps' are *Gymnocalycium* or *Lobivia* variegates that have no chlorophyll at all, and live only by being grafted onto a root stock.



Variegated *Monstrose Lobivia*

Sansevieria - There are dozens of named and unnamed varieties. Look for Bantel's Sensation, Futura, Silver Moon, Silver Princess, and variegated varieties of some of the cylindrical forms. Unlike normal *Sansevierias*, these can be difficult to grow. They will not tolerate cold and wet conditions. *Sansevieria* variegates can only be propagated through the tuber. Cuttings of the leaves will root, but will almost always revert to an unvariegated form. On the other hand, normal *Sansevierias* will often put out a variegated pup. These should be removed from the main plant and grown on their own roots to preserve the variegation.



Gasteria shozodan

Gasteria - The Japanese have made an art of *Gasteria* and *Haworthia* variegated cultivation. Read the 2000 CSSA Journal for just a sampling of the wonderful cultivars. Miniature white species, yellow species, even the occasional pink can be found. There are dozens of variegated *Gasterias* shown at our shows, and available from all of the local vendors. Look for *Gasteria* 'Little Warty', a nice white and green species, as well as many of the yellow and green species such as the Japanese hybrid *Gasteria* 'shozodan', shown above.

Euphorbia - A number of columnar variegates are available, *E. ammak*, being the one most often seen. There are also some cristate and monstrose variegates as well.



Haworthia attenuata x pumilla variegata

Haworthia - "Gray Ghost" is a *Haworthia retusa* variegated. There are several *Haworthia limifolia* variegates that look as if they were painted with mustard. Shown above is a variegated hybrid between *Haworthia attenuata* and *Haworthia pumilla*. Offsets are produced on the flower stalks, these are variegated, as are the flowers themselves.

M. Sajeve and M. Costanzo, **Succulents, The Illustrated Dictionary**

Tom Glavich October 2005



Agave attenuata



Agave 'Joe Hoak'



Agave victoriae-reginae



Ferocactus acanthoides hybrid



Echinofossulocatus sp.



Gymnocalycium mihanovichii

General Meeting starts at 7:00 PM on the **first Thursday** of the month at the Sepulveda Garden Center located at 16633 Magnolia Blvd. in Encino between Hayvenhurst and Balboa.
Set-up and social hour starts at 6:30 PM.

Bring a smile! Make new friends! **GUESTS ARE ALWAYS WELCOME!**

Visit Los Angeles Cactus and Succulent Society ONLINE at www.lacss.com

Upcoming Program for
March 2012
Woody Minnich
American Southwest

First Class Mail

Next Meeting:
March 1, 2012

Sepulveda Garden Ctr. 16633 Magnolia Bl. Encino

RETURN SERVICE REQUESTED
PO Box 280581, Northridge, CA 91328

CACTUS CHRONICLE
February 2012
Cactus & Succulent Society

