

***San Gabriel Valley
Cactus & Succulent Society
COMMUNIQUE***

An Affiliate of the Cactus & Succulent Society of America
July 2018—Volume 51, Number 07

The next Cactus and Succulent Workshop will meet Wednesday, July 18 at 7:30 pm in the Palm Room at the Los Angeles County Arboretum. Topic: Staging and Show Preparation

The next meeting of the San Gabriel Valley Cactus and Succulent Society will be Thursday, July 12 at 7:30 pm in Ayres Hall at the LA County Arboretum in Arcadia.

Mini –Show Plants for Thursday, July 12
Cacti:
Echinocereus

Succulent:
Sansevieria

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Note**

Join the San Gabriel Valley Cactus & Succulent Society.

Membership dues are \$20 per year.

Your dues can be paid at the next meeting or mailed directly to:

Tori Wilson
 501 San Luis Rey Road,
 Arcadia, CA 91007

Make checks payable to SGVCSS

REFRESHMENTS

The membership list has been divided into ten lists.

**For JULY, if your last name
begins with M,
please bring refreshments**

Please have snacks ready by 7 pm.

Some ideas: brownies, burritos, chips & dip, cookies, cupcakes, M & M's, pizza, sandwiches, trail mix, etc.

Of course, we welcome snacks brought by anyone, even if your last name does not start with M.

REFRESHMENTS Schedule for 2018:

February — last name beginning with A or B

March — last name beginning with C or D

April — last name beginning with E, F, or G

May — last name beginning with H, I, or J

June — last name beginning with K or L

July — last name beginning with M

August — last name beginning with N, O, or P

September — last name beginning with R

October — last name beginning with S

November — last name beginning with T, U, V, or W

July 2018 Presentation by Ernesto Sandoval
Propagation of Succulents from Seed
At the U C Davis Botanical Conservatory



Photo on the left taken in 2015.

Photo on the right taken in 2008



Ernesto and Company have been experimenting with various techniques for propagating succulents from seed and want to share these techniques and tips for better seed germination. If you haven't tried growing from seed or if you are looking for ways to perhaps increase your success rate, Ernesto thinks you'll appreciate this visual tour of propagation of plants such as Welwitschia, Aloes, Cacti, Dorstenia, Othonna, Mesembs, and more.

San Gabriel Valley Cactus and Succulent Society

Echinocereus — Cactus of the Month July 2018

Article and photos by Tom Glavich

Echinocereus is one of the earliest recognized genera of Cacti. It was first described in 1848 by George Engelmann from a plant collected in 1846 in what is now New Mexico. The type species (the first one found, and after which the genus is named) is *Echinocereus viridiflorus*, a widespread species with a distribution that ranges from Southern Wyoming, South Dakota, and Kansas to Eastern New Mexico. As the name tells, it has brilliant green flowers.

Echinocereus species can be found throughout the Western United States and the range of species stretches through the American west and through Northern and Central Mexico to about Mexico City. As might be expected from a genus covering such a large range, *Echinocereus* are extremely varied in form, ranging from nearly spineless green balls such as *E. knippelianus*, to very spiny short columnar species such as *E. engelmannii*, to pencil thin sticks such as *E. posegeri*.

In general, *Echinocereus* is an under-appreciated genus. Most species are very spiny, making them less attractive to the novice grower and those inexperienced in handling spiny plants. Many cactus growers try one or two; but having killed a few in their early collecting days, often because of over watering, concentrate on other genera. Most of the species are easy to grow.

Many species are variable, displaying different spination and flower colors, depending on the local environment. There are about 30 to 50 species, but the number of collectable varieties and local forms remains well over a hundred. The varieties and local growth forms provide an enormous selection of interesting plants to grow.

Most *Echinocereus* have spectacular flowers, giving rise to such common names as Claret Cup, Strawberry Cactus, and Calico Cactus. These common names are often attached to more than one species. *Echinocereus* flowers erupt through the skin, leaving scars. Offsets also may erupt through the skin.

Almost all the species need bright light and warm temperatures to grow well and flower. Some are quite easy, but some have fragile root systems that are prone to rot if kept wet for too long. They often benefit from being slightly underpotted. Good drainage is a must. A low organic potting mix, with mostly-to-all pumice, will give the best results. The plants will keep their natural character. Recent publications have shown the benefit of low pH (slightly acid) water. This improves growth and minimizes rot. City water is high pH, often over 8. Reducing pH is a great way to improve plant appearance and growth.

San Gabriel Valley Cactus and Succulent Society
Echinocereus – Cactus of the Month July 2018
(continued) – Article and photos by Tom Glavich

Propagation from seed is easy. Seed germinates in a few days to about two weeks in warm weather as long as soil mixture is kept moist. Once germination occurs the seedlings need to be moved to an environment with moving air. They need to be kept damp until they have hardened off. Once seedlings get to a size where they can be safely handled, they can be pulled out of the seedling mix and repotted in straight pumice. Growth and survival rate will improve dramatically.

Propagation from cuttings is easy as long as attention to cleanliness is paid. The cut stem must be dry before repotting.

Excellent Echinocereus

Echinocereus delaetii - spines are reduced to white hairs. Flowers are pink to purple, with a very obvious green stigma. One of the more difficult to grow. (from Coahuila, Mexico)

Echinocereus engelmannii - from the Southwestern United States and Northern Mexico. A clumping species with stems 2 to 3 inches thick with generally light tan spines and rose like flowers.

Echinocereus knippelianus - dark green body, with slightly lighter ridges, nearly spineless, clustering, and slow. Lots of pale pink flowers. Sensitive to over watering, and a fan of mealybugs everywhere, but easily worth the bother. (from Coahuila, Mexico).

Echinocereus nivosus has dense white needle-like spines, with a dark green body. It clumps freely, and has large pink flowers, with bright green stamens. If this plant wasn't natural, it would be in bad taste. (from Coahuila, Mexico)

Echinocereus poselgeri was formally ***Wilcoxia poselgeri***, and is one of several tuberous rooted species that have above ground pencil-thin stems. They have bright pink flowers, and make an odd sight and an interesting addition to any collection. (from Texas, Coahuila, Mexico)

San Gabriel Valley Cactus and Succulent Society
Echinocereus – Cactus of the Month July 2018
(continued) – Article and photos by Tom Glavich

Echinocereus rigidissimus - columnar, with bands of red, pink and cream spines. A classic, and a frequent show winner. Every collection ends up with one sooner or later. Although popular on the sales table, not one of the easier species to keep alive. (from Arizona, New Mexico, Northern Mexico).

Echinocereus pulchellus subspecies sharpii, (formerly ***Echinocereus sharpii***), was discovered in 1971 by club member Peter Sharp near La Asencion in Nuevo Leon. It is one of the more difficult to grow, and infrequently seen in cultivation.



Echinocereus barthelowanus.
Photo by Tom Glavich.

San Gabriel Valley Cactus and Succulent Society
Sansevieria — Succulent of the Month July 2018
Article and photos by Tom Glavich

The world is divided into two types of people, those who like *Sansevieria* and those who don't. An alternative is that there are two types of people, those that think all *Sansevieria* look alike, and those that think only most of them look alike.

Fortunately, several members of the San Gabriel Valley Society are *Sansevieria* lovers and know that there is a wealth of form, color and texture available in this genus of succulent plants.

There are about 60 species of *Sansevieria*, but since many of the species are variable and have widespread habitats, there are more names than this. There are also dozens of cultivars, particularly of variegated *Sansevieria*. They are currently in the *Asparagaceae* family, but have moved through the 'dumping ground' families. In older references, they will be found in the *Lilaceae*, *Agavaceae*, and other families. Most *Sansevieria* are native to Africa, although some come from India, Asia and the South Sea Islands.

They are among the easiest of all succulent plants to grow, requiring only a pot or a spot in the ground. They are tolerant of incredible neglect and abuse, but most grow rapidly and well if watered and fertilized regularly. They do well in Southern California outdoors or in, and suffer damage only if they are cold and wet for extended periods. They are free from most pests, suffering only rarely from scale. They are prone to fungal rusts, particularly in damp weather. The only cure for rust is to cut off the infected leaves, sterilizing the cutting tool after each cut (an alcohol wipe will do) and then spray the entire plant with a fungicide such as Funginex. Prevention is much easier. Bright light, and moving air prevents most rusts.

Sansevieria propagation is remarkably easy. Cut a piece off, let it dry for a few days, and stick it in some potting soil. They propagate readily from leaves (tips are best), rhizomes, roots, etc. They can also be propagated from seeds. In Southern California *Sansevieria* flower frequently, particularly when grown outdoors. The flowers are extremely fragrant and can perfume an entire house. Each rosette only blooms once - after flowering the new rosettes should be kept while the old ones discarded. They are usually self fertile, and produce orange berries, each containing a single seed.

San Gabriel Valley Cactus and Succulent Society Sansevieria – Succulent of the Month July 2018 (continued) – Article and photos by Tom Glavich

Variation is very common in cultivated Sansevieria, and variegated plants form the majority of some collections. Variegated forms are much more common than normal forms in some species commonly grown. Variation is produced apparently at random. A variegated pup will appear on an otherwise normal plant. The variegation can be preserved by removing the pup and a portion of the rhizome and growing it on. If this is not done the variegated pup, being weaker than the rest of the plant will not reproduce. Variegated plants are slower growers than normal plants and are much more sensitive to cold and wet conditions. They need protection particularly in the winter. They are also sensitive to standing water in their crowns, quickly rotting if water is allowed to remain.

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Sansevieria Lillian True



Sansevieria patens
Entered in the Winter Show
by Karen Ostler

San Gabriel Valley Cactus and Succulent Society
Succulent of the Month - July 2018 *Sansevieria*
(continued) — Article and photos by Tom Glavich

Selected Species

Sansevieria aubrytiana is a beautiful thick leafed species, now sometimes included in *Sansevieria kirkii*. From Malawi, Tanzania and Zanzibar.

Sansevieria bacularis grows with thin stems up to four feet long, but only half an inch in diameter.

Sansevieria kirkii a thin leaved, rapidly growing species has leaves that turn copper colored in bright light. Several cultivars are known.

Sansevieria parva, is not particularly good looking, but it is a rapid offsetter, and frequent bloomer with extremely fragrant blooms.

Sansevieria patens, with an unknown, but probably Kenyan origin. This is one of the most architectural of all of species.

Sansevieria pinguicula, also from Kenya, makes small hard rosettes supported on stilt like roots, and offsets by aerial branches. It is very slow. A plant of any size at all does well in all shows.

Annual San Gabriel Valley Cactus and Succulent Society PICNIC

This year the picnic will be at the Arcadia Community Regional County Park.
(also known as Arcadia County Park).

Our annual picnic is **Sunday, July 15th**. There will be plenty of food and fun. Bring a side dish, and we will supply everything else. After lunch there will be games, including our world-famous opuntia toss. There will also be a plant auction. The split is 75/25. Maximum of 3 plants per member.

The area is reserved from 11 am to 3 pm. Please come on time. You don't want to miss lunch. We hope to start lunch at 11:30 am or so.

More details will be available at the July meeting.



The photo shows part of the Oaks picnic area of Arcadia County Park, **405 South Santa Anita Avenue, Arcadia**. Yes, there are plenty of tables and there is shade. The restrooms are close.

**San Gabriel Valley
Cactus & Succulent Society
Workshops**

February Pelargonium
 March Rebutia, Sulcorebutia, and Weingartia
 April Spring Seed Workshop
 May Vegetative Propagation
 June Coryphantha and Escobaria
July Staging and Show Preparation
 August Sansevieria
 September Ariocarpus
 October Winter Seed Workshop
 November Conophytum and flowering Mesembs

Plant of the Month: Cacti

Plant of the Month: Succulent

Feb	Single Head Mammillaria	Pelargonium
Mar	Rebutia, Sulcorebutia, and Weingartia	Aeonium
Apr	Small cactus staged as mini	Small succulent staged as mini
May	Buiningia and Uebelmannia	Gasteria
June	Coryphantha and Escobaria	Euphorbia not endemic to Madagascar
July	Echinocereus	Sansevieria
Aug	Favorite cactus	Favorite succulent
Sept	Ariocarpus	Fouquieria
Oct	Parodia and Notocactus	Conophytum and flowering Mesembs
Nov	Best staged Cactus	Best staged Succulent

MINI SHOW RESULTS FROM JUNE 2018 MEETING**Open Division — Cactus****First place — John Matthews — Escobaria guadalupensis****Second place — Rico Leon — Coryphantha maiz-tablasensis****Third Place — Tom Glavich — Coryphantha recurvata****Intermediate Division— Cactus****First place — Tricia Kangrga — Escobaria guadalupensis****Second place — Tricia Kangrga — Coryphantha pallida****Novice Division — Cactus****First place — Alex Sierra — Coryphantha sulcata****Second place — Alex Sierra— Coryphantha durangensis****Second Place — Alex Sierra — Coryphantha pallida****Third Place — Alex Sierra — Coryphantha odorata****Third place — Richard Salcedo — Coryphantha cornifera**

MINI SHOW RESULTS FROM JUNE 2018 MEETING**Open Division— Succulent****First place — Tom Glavich — Euphorbia micrantha****Second place — Tom Glavich — Euphorbia sepulta****Intermediate Division — Succulent****First place — Louise Stack — Euphorbia obesa****Second place — Tricia Kangrga — Euphorbia hamata****Third place — Tricia Kangrga — Euphorbia crest****Novice Division — Succulent****First place — Richard Salcedo — Euphorbia enopla****Second place — M. A. Bjarkman — Euphorbia horrida “snowflake”****Third place — Winny Sutandyo— Euphorbia squarrosa**

2018 CALENDAR OF UPCOMING EVENTS (continued)**ORANGE COUNTY CACTUS & SUCCULENT SHOW & SALE****THURSDAY, JULY 19 from 6 pm to 9 pm****FRIDAY, JULY 20 from 9 am to 7 pm****SATURDAY, JULY 21 from 9 am to 5 pm****Anaheim United Methodist Church****1000 South State College Blvd. in the City of Anaheim****Information: 949-212-8417****ANNUAL INTERCITY SHOW & SALE****SATURDAY, AUGUST 11 from 9 am to 5 pm****SUNDAY, AUGUST 12 from 9 am to 5 pm****Los Angeles County Arboretum, 301 North Baldwin, Arcadia****Information: Tom Glavich 626-798-2430****or John Martinez 805-390-2139 or john6425@gmail.com****HUNTINGTON BOTANICAL GARDEN SUCCULENT SYMPOSIUM****SATURDAY, SEPTEMBER 1 all day at the Huntington****Information: 626-405-3504****LOS ANGELES CACTUS & SUCCULENT SOCIETY FALL SALE****SATURDAY, SEPTEMBER 15 from 9:30 am to 4 pm****Sepulveda Garden, 16633 Magnolia Blvd, Encino****LONG BEACH CACTUS CLUB ANNUAL PLANT AUCTION****SATURDAY, SEPTEMBER 15 from noon to 5 pm****Rancho Los Alamitos, 6400 Bixby Hill Road, Long Beach****Information: 562-631-5871****BAKERSFIELD CACTUS & SUCCULENT SHOW & SALE****SATURDAY, OCTOBER 6 from 10 am to 5 pm****SUNDAY, OCTOBER 7 from 11 am to 3 pm****St. Paul's Church, 2216 17th Street, Bakersfield****Free admission and Parking Information: 661-831-8488**

2018 CALENDAR OF UPCOMING EVENTS (continued)

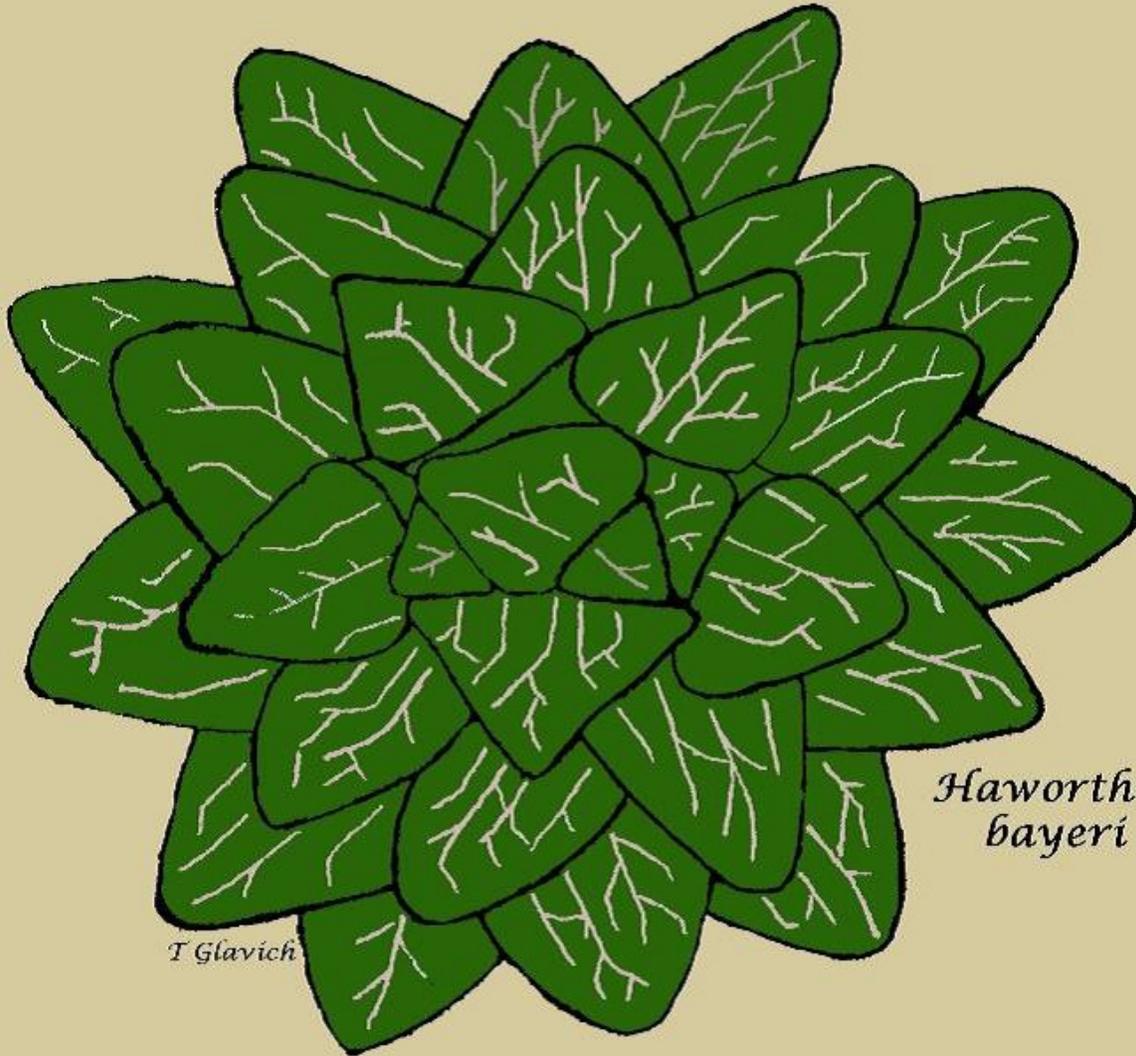
PALOMAR Cactus & Succulent Society FALL SHOW & SALE
SATURDAY, OCTOBER 5 from 10 am to 5 pm
SUNDAY, OCTOBER 6 from 10 am to 3 pm
San Diego Botanic Gardens, 230 Quail Gardens Road, Encinitas
Information: brita_miller@yahoo.com or 858-776-7216

SAN GABRIEL Cactus & Succulent Society SHOW & SALE
SATURDAY, NOVEMBER 10 from 9 am to 4 pm
SUNDAY, NOVEMBER 11 from 9 am to 4 pm
Los Angeles County Arboretum, 310 North Baldwin Ave, Arcadia
Information: Manny Rivera 626-780-6957
John Matthews 661-714-1052



Cartoon from dreamstime.com

33rd Annual Inter-City Cactus and Succulent Show



*Haworthia
bayeri*

T Glavich

*LA County Arboretum
August 11-12 2018*



COMMUNIQUE

Newsletter of the San Gabriel Valley
Cactus and Succulent Society
c/o Richard Roosman
P.O. Box 5222
Huntington Park, CA 90255

FIRST CLASS MAIL

If you have a cactus or succulent related event that you would like to have announced in the **COMMUNIQUE**, forward the information to the address below. Please verify the event date. Articles, Notices and Corrections can be sent via email to: richardinwalnutpark@msn.com or via mail to:

San Gabriel Valley Cactus and Succulent Society Newsletter Editor, c/o Richard Roosman,
P.O. Box 5222, Huntington Park, CA 90255. Material must be received by the 20th of the month to be considered for publication in the next issue of the **COMMUNIQUE**.