San Gabriel Valley Cactus & Succulent Society
COMMUNIQUE

An Affiliate of the Cactus & Succulent Society of America
May 2019—Volume 52, Number 5

THE NEXT MEETING OF THE SAN GABRIEL VALLEY CACTUS AND SUCCULENT SOCIETY WILL BE THURSDAY, May 9 at 7:30 pm in AYRES HALL at the LA County Arboretum in Arcadia.

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Mini –Show Plants for Thursday, May 9
Cactus: Turbinocarpus, and Gymnocactus
Succulent: Echeveria

The next Cactus and Succulent WORKSHOP will meet Wednesday, May 15 at 7:30 pm in the Palm Room at the Los Angeles County Arboretum. Topic: Vegetative Propagation
President’s Message

We have an excellent club, and I think we should be proud of our contribution to the C&S community. Many folks ask me why they should join the Cactus and Succulent Society of America (CSSA) when SGVCSS has so much to offer. Here’s my answer. There are many important things beyond the scope and resources of SGVCSS and other C&S clubs. CSSA participates and sponsors research projects that help broaden our understanding of succulents and their delicate habitats. Field research often leads to new plants in the trade which ultimately find their way to our shows and sales. Through its conventions, CSSA brings international speakers to local clubs.

There are many introductory and watered-down sources of C&S information online. Much of it is incorrect, incomplete, or contradictory. The CSSA journal has been published continuously since 1929 and has always set the highest standards for hobbyists and professionals alike.

In addition, people ask me about why they should go to a CSSA Convention. The answer is two-fold. We are part of a broader community. You will meet and make friends with people with similar interests from all over the world. Although you may have seen some of the Convention speakers at local clubs, this is a time to get to know them, spend time chatting, and comparing notes.

Please give joining CSSA some thought,

Gunnar
REFRESHMENTS

For MAY
if your last name begins with K or L,
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 K or L

REFRESHMENTS SCHEDULE
May 2019 — last name beginning with K or L
June 2019 — last name beginning with M or N
July 2019 — last name beginning with O, P, Q, or R
August 2019 — last name beginning with S or T
San Gabriel Valley Cactus and Succulent Society
EXPLORING EUPHORBIAS
Presentation by Tom Glavich

This talk explores the world of Euphorbias, at first looking at plants from South Africa, Madagascar, and other old and new world localities to look at similarities and differences. Field plants will be shown as well as exotic cultivars and mutants. Additionally, the presentation will include information on cultivation. The talk will conclude with examples of propagation and staging for shows. There will be time for questions.

Tom Glavich is a long time member of the SGVCSS. He is one of the co-chairs of the Intercity Show held every year in August. He is a member of the Board of Directors of the CSSA.
Cactus of the Month  May  2019
Turbinicarpus and Gymnocactus
Article and photos by Tom Glavich

*Turbinicarpus* is a small (but growing) genus of small plants from North-eastern and Central Mexico.  *Gymnocactus* have all been reclassified as *Turbinicarpus*.  New species have been discovered and named in the past couple of decades; seeds and plants of these are just becoming available.

All of the *Turbinicarpus* species are worth growing.  They are all small, most full-sized in collections at just a few inches.  A few will clump readily, and make impressive show specimens, but still remain manageable.  A collection of all the species and varieties could easily fit on a table top.

*Turbinicarpus* have large tuberous roots, which are their primary food and water storage source in times of drought.  Over much of their habitat, rain falls during the summer, and growth is most rapid during this period.  They can take lots of heat.

*Turbinicarpus* are fairly easy to grow as long as attention is paid to their life cycle.  They are dormant in winter from November through mid-March.  As they exit dormancy, water should be given sparingly.  If too much water and fertilizer are given early in the growth cycle, it is easy to split the skin of the plant.  Once growth is established (April and after), water freely.  During very hot weather in the summer, the plants sometimes go dormant again for a short period.

If a head splits, all is not lost.  The entire head can be removed, and the top of the tuberous root left half an inch above the soil.  It will usually start two or three new heads.  Removing a head is also a great method of vegetative propagation.

Turbinicarpus are easily raised from seed.  They grow slowly for the first year, but reasonable sized plants can be grown in a year or two.  Flowers the size of the plant will appear by the second year.  Many species and cultivars are only available as seed.
Cactus of the Month: Turbinicarpus and Gymnocactus
Favorite species include:

*Turbinicarpus pseudomacrochele subsp. pseudomacrochele* clumps readily. It is easily grown, and needs to be repotted frequently to maintain its growth.

*Turbinicarpus laui* stays small, rarely more than an inch and a half. It has woolly areoles and a wool crown. It has pinkish flowers. From San Luis Potosi in Mexico.

*Turbinicarpus lophophoroides* sometimes remains solitary, but generally clusters with age. It resembles the genus *Lophophora*. Careful watering away from the body of the plant will allow the areoles to keep their wool. The white crown will offset the white flowers. From San Luis Potosi in Mexico.

*Turbinicarpus pseudopectinatus* has small sets of comb-like spikes at each areole. It usually remains solitary, and grows to two inches or so high, and an inch in diameter. It has large pink flowers. From Tamaulipas and Nuevo Leon in Mexico.

*Turbinicarpus schmiedickeanus* is a very variable species, with at least half a dozen named varieties. This species has the largest spines of any of the *Turbinicarpus*, with the spines often as large as the body of the plant. The named variations differ in the width, color and length of the spines. The spines of this species are hollow with narrow cracks. Water condensing on the spines runs through the spines and is used by the growing plant. This is a widespread species from Tamaulipas, San Luis Potosi, and Nuevo Leon.

*Turbinicarpus valdezianus* is another small bodied pectinate species with red and white striped flowers. In this species, the pectinate spines are not in the two neat rows as in *T. pseudopectinatus*, but are more spherical, and almost mashed.
Turbinicarpus beguini ssp zaragozae
Photo by Tom Glavich

Turbinicarpus knutianus
Photo by Tom Glavich
Succulent of the Month May 2019 - *Echeveria*

Article and photos by Tom Glavich

*Echeveria* is one the principal members of the succulent New World *Crassulaceae*, along with *Dudleya, Pachyphtum, and Sedum*. *Echeveria* come principally from the mountains of Eastern Mexico, although there are plants found from Texas into South America. Venezuela has a significant population.

The genus *Echeveria* is named after Atanasio Echeverria, illustrator of a projected *Flora Mexicana* prepared under the direction of Martin Sesse from 1789 to 1803. Martin Sesse received a Royal Patent for a botanical expedition to Mexico from Charles III, King of Spain in 1788. Unfortunately he died shortly after giving the Patent and before supplying any money. His son, Charles IV, was not enlightened, not particularly bright, and unlucky. Sesse went on with the expedition and although short of funds and often sick and hungry, with Jose Mocino, Atanasio Echeverria, and others, collected hundreds of plants over a 15 year period. The three returned to Spain expecting to become famous and publish their *Flora Mexicana*, only to be ignored by the King. Greatly disappointed, Sesse returned to his land holdings; Mocino went to work at the Museum of Natural History in Madrid, and Echeverria was hired as an artist’s assistant.

Mocino sent the original drawings to the famous botanist Alphonse De Candolle as Napoleon marched on Madrid. The originals were lost in the confusion of the Napoleonic wars, but the drawings were saved by Alphonse De Candolle, who hired 120 draftsman to work for 10 days, making several sets of precise tracings of Echeverria’s drawings. De Candolle also named the genus in a lecture in 1827. The genus was first published in 1928.

Coming from mountainous regions, *Echeveria* prefer well drained soil and good ventilation. They also prefer cooler temperatures, looking their best in late winter and early spring. The plants swell with the winter rains and as growth starts the colors become more intense. Although they don’t go completely dormant in summer, growth slows and in the inland valleys plants tend to wilt and sulk even with some shade. In California the best Echeveria growers tend to live near the coast and near San Francisco. In hotter inland area, *Echeveria* do much better in the ground than they do in pots. Ground temperatures are cooler and less variable than pot temperatures.
ECHEVERIA (Continued)

Propagation of Echeverias is a required skill rather than an optional one. All Echeveria have leaves that dry and fall off as they age, leaving a thick and usually ugly stem. With time most Echeverias offset between the older leaves. These offsets can be removed, the bottom-most leaves of the offset removed, and the stem and remaining leaves planted as soon as the cut stem is dry. Successful rooting almost always follows. The terminal rosette should also be periodically removed and restarted in the same way, with all the dead and the older live leaves removed. If a few leaves are left on the stem, offsets will almost always form. These can then be removed and propagated. Echeverias have flowers on an extended stalk (raceme). The raceme has small leaves on it and occasionally, rosettes. These will root easily as well.

Favorite species include:

**Echeveria agavoides**, forms large light green rosettes with red tips when grown in full sun. Two popular cultivars are “Lipstick” which has red edges and “Ebony” which has dark red-purple edge. The colors are enhanced by sunlight.

**Echeveria ciliata** is a smaller species, only three or four inches in diameter. The name comes from the small hairs at the edges of all the leaves. It offsets slowly, but can be easily propagated from leaves.

**Echeveria elgans** is a smaller species with pale green leaves that makes an excellent bedding plant.

**Echeveria potosina** is readily available at many garden centers. It makes a wonderful ground cover, offsetting quickly and recovering from accidental squashes.

**Echeveria purpusorum** is a small slow growing species from Southern Mexico. It has short stiff white-green leaves, with dark edges and small red spots.

**Echeveria** have also been hybridized frequently, and many interesting plants are available. **Echevería ‘Etna’** is a particularly carbuncled hybrid created by Dick Wright of California.
Echeveria agavoides
Photo by Tom Glavich

Echeveria
Morning light
Photo by Tom Glavich
### Plant of the Month: Cacti

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<tr>
<th>Month</th>
<th>Cacti</th>
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<tbody>
<tr>
<td>Jan</td>
<td>Astrophytum</td>
</tr>
<tr>
<td>Feb</td>
<td>Straight spine Mammillaria</td>
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<tr>
<td>March</td>
<td>Ferocactus</td>
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<tr>
<td>April</td>
<td>Small cactus staged as miniature</td>
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<tr>
<td>May</td>
<td>Turbinocarpus, Gymnocactus</td>
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<tr>
<td></td>
<td>Echeveria</td>
</tr>
<tr>
<td>June</td>
<td>Gymnocalycium</td>
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<tr>
<td>July</td>
<td>Copiapoa</td>
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<tr>
<td>Aug</td>
<td>Favorite cactus</td>
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<tr>
<td>Sept</td>
<td>Ariocarpus</td>
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<tr>
<td>Oct</td>
<td>Grafted cacti</td>
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<tr>
<td>Nov</td>
<td>Crested and Monstrose Cacti</td>
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### Plant of the Month: Succulent

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<tr>
<th>Month</th>
<th>Succulent</th>
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<tbody>
<tr>
<td>Jan</td>
<td>Tylecodon and Cotyledon</td>
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<tr>
<td>Feb</td>
<td>Aloe</td>
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<tr>
<td>March</td>
<td>Haworthia</td>
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<tr>
<td>April</td>
<td>Small succulent staged as miniature</td>
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<tr>
<td>May</td>
<td>Stem Euphorbia</td>
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<td></td>
<td>Pachypodium from Madagascar and Plumeria</td>
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<td>June</td>
<td>Favorite succulent</td>
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<tr>
<td>July</td>
<td>Caudiciform</td>
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<tr>
<td>Aug</td>
<td>Grafted succulent</td>
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<tr>
<td>Sept</td>
<td>Crested and Montrose Succulent</td>
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<td>Oct</td>
<td>Grafted cacti</td>
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<tr>
<td>Nov</td>
<td>Crested and Montrose Succulent</td>
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### San Gabriel Valley Cactus & Succulent Society Workshops

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<tr>
<th>Month</th>
<th>Workshop</th>
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<tbody>
<tr>
<td>January</td>
<td>Tylecodon and Cotyledon</td>
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<tr>
<td>February</td>
<td>Aloe</td>
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<tr>
<td>March</td>
<td>Haworthia</td>
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<tr>
<td>April</td>
<td>Spring Seed Workshop</td>
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<tr>
<td>May</td>
<td>Vegetative Propagation</td>
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<td>June</td>
<td>Copiapoa</td>
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<td>July</td>
<td>Staging workshop</td>
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<td>August</td>
<td>Gymnocalycium</td>
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<td>September</td>
<td>Caudiciforms</td>
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<tr>
<td>October</td>
<td>Grafting</td>
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<tr>
<td>November</td>
<td>Winter Seed Workshop</td>
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*San Gabriel Valley Cactus & Succulent Society Communique* May 2019
MINI SHOW RESULTS FROM April 2019 MEETING

Open Division — Cactus
First place — Cindy Arakaki — Turbinicarpus alonsoi
Second place — Tom Glavich — Geohintonia mexicana
Third Place — Cindy Arakaki — Strombocactus disciformis
Third Place — Tom Glavich — Pelecyphora strobiliformis

Open Division — Succulent
First place — Cindy Arakaki — Pseudolithos migiurtinus
Second place — Rob McGregor — Avonia quinaria
Third place — Cindy Arakaki — Euphorbia decaryi var tulearensis

Intermediate Division — Cactus
First place — Richard Salcedo — Astrophytum myriostigma
Second place — Jean Mullens — Mammillaria gracilis fragilis
Third place — Richard Salcedo — Pygmaeocereus

Intermediate Division — Succulent
First place — Richard Salcedo — Trichodiadema bulbosum
Second place — Sharon Sedillo — Haworthia magnifica
Third place — Jean Mullins — Anacampseros rufescens
Third place — Sharon Sedillo — Haworthia glauca var. herrei

Novice Division — Cactus
First place — Winny Sutandyo — Uebelmannia pectinifera
Second place — Winny Sutandyo — Frailea
Second place — Rosie Gracia — Trichocereus or Echinopsis monstrose
Third place — Amanda Erlanson — Opuntia rufida var. minima
Third place — Irene Chew — Mammillaria elongata monstrose

Novice Division — Succulent
First place — Irene Chew — Sedum multiceps
Second place — Kandie & Don Sodersrom — Crassula radicans
Second place — Lydia Sarwono — Senicio
Third place — Judy Link — Aloe erinacea
Third place — Irene Chew — Agave filifera monstrose
Third place — Lydia Sarwono — Crassula commutata
2019 CALENDAR OF UPCOMING EVENTS
THIS IS A TENTATIVE LIST AND IS SUBJECT TO CHANGE!!!

SUNSET CACTUS & SUCCULENT SHOW & SALE
SATURDAY, MAY 4 Sale 10 am to 5 pm. Show noon to 6 pm.
SUNDAY, MAY 5 Sale 10 am to 4 pm. Show 10 am to 4 pm
Veterans’ Memorial Center, Garden Room, 4117 Overland Ave,
Culver City. Information: 310-822-1783

SOUTH BAY EPIPHYLLUM SOCIETY SHOW & SALE
SUNDAY, MAY 5 from 9 am to 4 pm
South Coast Botanical Gardens, 26300 Crenshaw Blvd.,
Palos Verders. Information: 310-833-6823

GATES CACTUS & SUCCULENT SHOW & SALE
FRIDAY, MAY 10 from 9 am to 4 pm
SATURDAY, MAY 11 from 9 am to 4 pm
Church of the Nazarene, 1307 East Citrus Ave., Redlands
Information: 909-910-9195 or www.gatesscss.com

LONG BEACH CACTUS CLUB SHOW & SALE
SATURDAY, MAY 18 from 10 am to 4 pm
SUNDAY, MAY 19 from 10 am to 4 pm
Rancho Los Alamitos, 6400 Bixby Hill Road, Long Beach
Information: 562-631-5876

CENTRAL COAST CACTUS & SUCCULENT SHOW & SALE
Saturday, May 25 from 10 am to 4 pm
Sunday May 26 from 10 am to 4 pm
Ludwick Center, 864 Santa Rosa, San Luis Obispo
info: 805-237-2054 or www.centralcoastcactus.org
2019 CALENDAR OF UPCOMING EVENTS (continued)

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SAN DIEGO CACTUS & SUCCULENT SOCIETY
SUMMER SHOW & SALE
SATURDAY, JUNE 1
SUNDAY, JUNE 2
1548 El Prado Balboa Park, room 101, San Diego
info:  858-382-1797

LOS ANGELES CACTUS & SUCCULENT SHOW & SALE
SATURDAY, JUNE 8 from 9 am to 4 pm
SUNDAY, JUNE 9 from 9 am to 3 pm
Sepulveda Garden Center, 16633 Magnolia Ave, Encino
Information:  www.lacactus.com

CSSA ANNUAL SHOW and SALE
FRIDAY, JUNE 28 from 10 am to 5 pm (SALE ONLY)
SATURDAY, JUNE 29 from 10 am to 5 pm (SHOW & SALE)
SUNDAY, JUNE 30 from 10 am to 5 pm (SHOW & SALE)
Huntington Botanical Gardens, 1151 Oxford Road, San Marino
Information:  626-405-3504
2019 CALENDAR OF UPCOMING EVENTS (continued)
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ORANGE COUNTY Cactus & Succulent SHOW & SALE
THURSDAY, JULY 18 from 6 pm to 9 pm
FRIDAY, JULY 19 from 9 am to 7 pm
SATURDAY, JULY 20 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 10 from 9 am to 5 pm
SUNDAY, AUGUST 11 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, AUGUST 31 all day at the Huntington
Information: 626-405-3504

LONG BEACH CACTUS CLUB ANNUAL PLANT AUCTION
SATURDAY, SEPTEMBER 14 from noon to 5 pm
Rancho Los Alamitos, 6400 Bixby Hill Road, Long Beach
Information: 562-631-5871

BAKERSFIELD CACTUS & SUCCULENT SOCIETY SHOW & SALE
SATURDAY, OCTOBER 12 from 10 am to 5 pm
SUNDAY, OCTOBER 13 from 11 am to 3 pm
St. Paul’s Church, 2216 17th Street, Bakersfield
Free admission and Parking Information: 661-831-8488
2019 CALENDAR OF UPCOMING EVENTS (continued)
THIS IS A TENTATIVE LIST AND IS SUBJECT TO CHANGE!!!!

PALOMAR CACTUS 7 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
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.