



ON THE DRY SIDE

CENTRAL COAST CACTUS & SUCCULENT SOCIETY JUNE 2020

Our June meeting is canceled, as we continue to assess when to bring our group back together safely. Until then, please enjoy this special issue!

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- June Plant of the Month: **Turbinicarpus**
- Important Membership Information
- Member Brag Plants

PLANT OF THE MONTH: TURBINICARPUS

By Markus Mumper

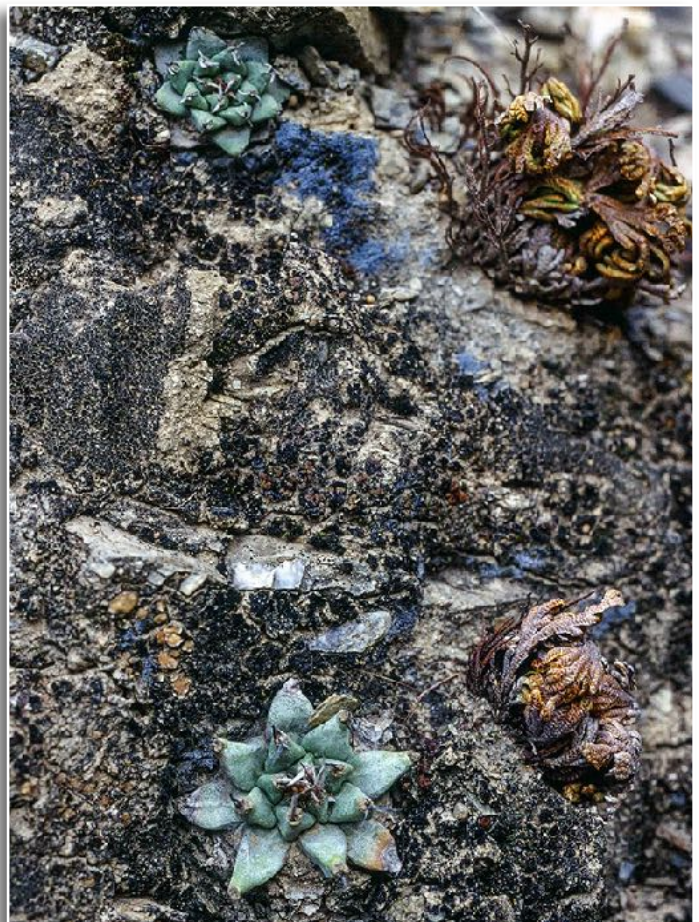
Photos courtesy of Rob Skillin

The name 'Turbinicarpus' has a double origin of Greek & Latin (Latin: 'Turbo, turbines,' meaning 'top' and Greek: 'Karpos,' meaning 'fruit').

The first member of Turbinicarpus was first described in 1927 by Bödecker as 'Echinocactus schmiedeckianus'. It was later included in the sub-genus 'Turbinicarpus' at this time a sub-genus of the genus 'Strombocactus'. In 1937 'Turbinicarpus' was elevated by Buxbaum and Backeberg to having its own genus.

These succulent plants grow mostly on limestone soil (never on volcanic soil), at altitudes between 1,000 and 10,000 feet above sea level.

Turbinicarpus species are usually confined to specific habitats generally hostile for the majority of plants, mostly in very drained rocky areas composed of limestone, sandstone, schist (neutral or alkaline) or in very acidic and humiferous understory, or in gypsum veins, sometimes so pure that they are almost white.



Top: *Turbinicarpus pseudoplectinatus*

Bottom: *Turbinicarpus alonsoi* – habitat, Xichu

TURBINICARPUS – CONTINUED

In particular, *Turbinicarpus sensu stricto* is adapted to extreme niches: more than 80% of the species grow in rock cracks or among the pebbles beneath them, where enough dust has accumulated to enable root development. It would seem almost impossible that plants so small could survive in such an environment, however in those species that inhabit dry and exposed areas, the root is very thick, becoming a taproot and acting like an anchor on the slopes but, more important, as a water storage for the dry periods, capable of significantly retracting into the ground so that the stem is less exposed to the sun. The spines are often changed to adopt a very papery structure capable of absorbing good quantities of water. Furthermore, the general look is extremely mimetic thanks to the epidermis color and the interlacing spines guaranteeing a certain protection from eventual herbivores.



Left, Top: *T. lophophorides* – habitat, Villa Juarez, S
Bottom: *T. lophophorides*

Right, Top: *T. klinkeranus* – habitat, Huizache
Center: *T. gracilis* – habitat, Aramberri
Bottom: *T. gracilis* – habitat, Aramberri

ANNOUNCEMENTS

2020 - 2021 CCCSS Membership Dues are Payable Now

Dear CCCSS Members,

On behalf of the CCCSS Board of Directors, I would like to personally thank each of you for your unwavering support of CCCSS, especially during this unprecedented health crisis. We sincerely hope all of you are safe and healthy. Although CCCSS has needed to follow State and County mandates, we have all been working behind the scenes to ensure our club remains vital. As soon as allowed, we are ready to resume all our wonderful club activities. Like you, we cannot wait to get started again.

This year your membership renewal dues for 2020 – 2021 are payable only by mail. Please pay by check, made payable to **CCCSS**. Dues are as follows: Individual - \$20; Family, all under same roof - \$25; Business, \$40. Please mail your dues c/o Barbara H Brooks, 441 Marsh St, San Luis Obispo, 93401. Please take a moment to renew your dues today. A membership application is not needed unless there are changes to your current membership status. Applications can be found online at <https://centralcoastcactus.org/home/membership-information/>

Thank you and stay safe.

Barbara H Brooks, Membership Chairperson

Community Garden

I am part I have a community garden in which I am growing vegetables. I am looking for someone who likes to garden who would like to join me and share the vegetables. Also there are apples, oranges, lemons, and passionfruit available that I can share. Pretty soon there will be some vegetables that I already started and I will be willing to share those too.

If interested please contact Spring at 941-330-1606 or via email Spring54542003@yahoo.com. If you contact me and don't hear back please try again in case your email ends up in my spam. Please include my name in the email address. If you're not available and know someone who is you can pass my info along.

Thanks!

Spring



1100+ Facebook member! View club updates and photos.
Also find us online at www.centralcoastcactus.org.



MEMBER BRAG PHOTOS



Bob T: *Agave angustifolia* (?), 15ft, flowering soon



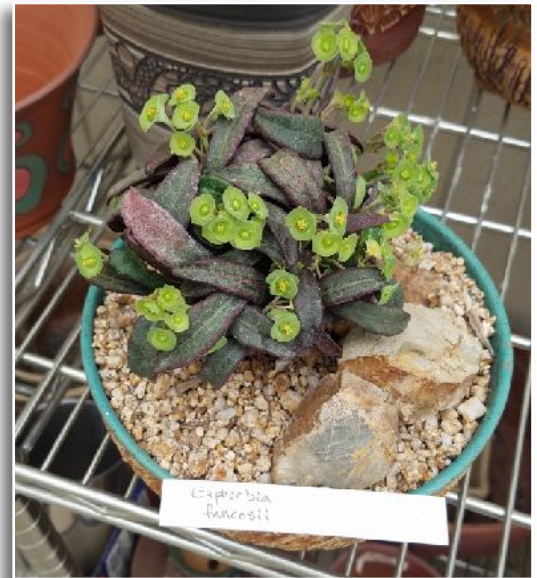
Bill F: *Aloe castilloniae* collection



Marcella: Blooming cactus



Peter T: *Dudleya* sp, growing on the north coast



Mary H: *Euphorbia fancosii*

MEMBER BRAG PHOTOS – CONTINUED



Mary P: Echinocereus rubispinus



Mary P: Sinningia sp



Terrie L: Building a new greenhouse threshold occupied their quarantine time.



PLEASE SUPPORT OUR BUSINESS MEMBERS!

Please try to support local businesses as much as possible, including our valued Business Members on these pages. Click on images to visit their websites or to contact them via email. Many will take online or phone orders. Some are now on Etsy!

You can advertise on these pages by becoming a Business Member of CCCSS.

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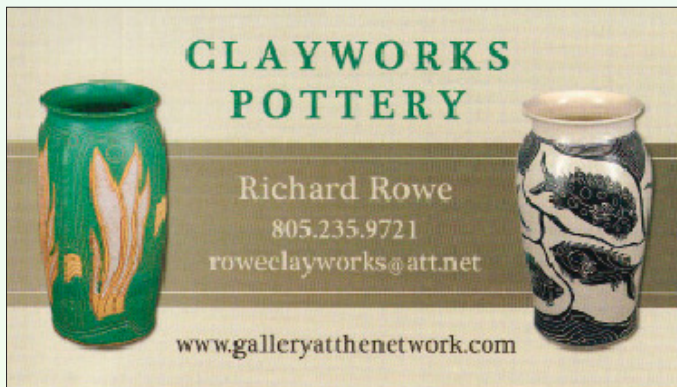
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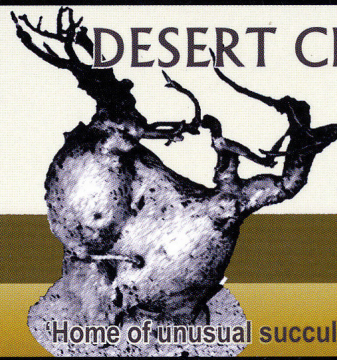
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JUNE 26 (FRI.) NOON - 6PM

JUNE 27 (SAT.) 10AM - 4PM



Summer Celebration Succulent Plants and Pottery Sale

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#wegrowslo

2016 9th St. in Los Osos (next to La Casita Restaurant)

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*****For the safety of all, please wear a mask.*****
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San Luis Obispo Botanical Garden: A Call For Artists

ART IN THE GARDEN SHOW AND FUNDRAISER

SAN LUIS OBISPO, CA – Art in the Garden is an opportunity for artists to show and sell their work to community members. This juried art event will be held at the Garden's Event Pavilion on November 6th, 7th, & 8th.

Last year over 1000 people visited the Art in the Garden event, and this year we expect more! Artists will be selected to give visitors exposure to a variety of art mediums. We invite you to submit an application to participate in this Fall's Art in the Garden.

To participate in this art show and sale, please visit slobg.org, review the **Call for Artists** document, then complete and email the **Artist Application** to heather@slobg.org. Scholarships are available thanks to our sponsors at The Coastal Awakening. Please contact heather@slobg.org for a scholarship application.

The art show fundraiser will feature 20 local artists. This juried show will include jewelry, glass, paintings, graphics, wood, ceramics, and textiles. All art will be for sale and a portion of all sales will benefit the SLO Botanical Garden.

The event is free to attend and will be held in the Oak Glen Pavilion at the SLO Botanical Garden.

All art will be for sale and a portion of all sales will benefit the SLO Botanical Garden.

For more information visit slobg.org!

***Please note:** Scheduled events may change, please be sure to contact the venue for more info and updates.*

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