



Mammillaria thornberi

Espinas y Flores

The Newsletter of the San Diego Cactus & Succulent Society
Affiliated with the Cactus and Succulent Society of America

Volume 50 Number 10

October 2015



Tom Knapik shared a memory with Elibet Marshall about her pep talks before shows, working the members at the meeting up to bring in their favorite plants, at the SDCSS Picnic in September

Regular Meeting is October 10th at 1 pm, Room 101 Casa del Prado in Balboa Park
Workshop is at 11, **Growing Cactus from Seed** by Brian Shepherd
Plant of the Month is a mini talk on **George Lindsay and the Way of *Ferocactus*** by Stan Yalof
Program is The High Drakensbergs in Summer By Tom Glavich
New Member Orientation at 12:30. Meet at Information Table
Volunteer Indoc at 12:30 in front of room

If your last name starts with A through M please bring treats for the meeting.

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President's Message

Well another endless summer and another Picnic in our history book. I enjoyed talking to everyone that braved the heat and shared in some great food and conversations. I made some new friends and visited with old ones too. I loved the salads and especially the brownies! Great Day! Thank you everyone for the tasty dishes and good company.

We will have a tour of the Drakensburg in South Africa for our next program. Our speaker Tom Glavich is an author, plantsman and artful potter. Don't miss our next meeting which is on October 10th (see the program description)

I wish I could offer you all some sage advice about how to grow plants and help foster your garden and gardening. I am still trying to figure it out and with this very strange weather, I am baffled. Do we plan on an el nino and does it follow that we will have much rain? Well, If you had told me it was going to rain 3 inches just this summer and you told me that it be hot AND humid with weeks and weeks of sun and heat. I would have said: don't be silly! that won't happen. I will tell you that just in case the weather people by complete chance are right, make some areas under your eaves or cover some areas to protect your plants from this possibility of long heavy and enduring rain.

Most succulent plants don't mind some nice rainfall but too much of a good thing is not a good thing for them. Prodromal rainfall will damage your plants and quite possibly kill them. You still have time now so prepare.

Speaking on being prepared, now is a good time for you to get your Holiday gift exchange plant repotted and cleaned up. Keeping in mind, the better it is, the better the exchange. The Holiday party is just around the corner only two meetings away!

Please stay cool and I will see you all when we visit the Drakensburg on the 10th!

Kelly Griffin



Cactus & Succulent Calendar of Upcoming Events for 2015

Oct 24-25: Palomar Show & Sale, Sat 9-5, Sun 10-4, San Diego Botanic Gardens, 230 Quail Gardens RD, Encinitas CA, Info hciservices@gmail.com. 858-382-1797

Nov 1-2: San Gabriel Cactus & Succulent Society Show & Sale, 9am-4pm Both Days, LA County Arboretum, 301 N. Baldwin Ave., Arcadia, CA

Feb 13, 2016: San Diego Cactus & Succulent Society Winter Show & Sale 9 to 4. Balboa Park Room 101 and courtyard.



George Lindsay and the Way of *Ferocactus*

A Stan Yalof Mini-Talk for Plant of the Month

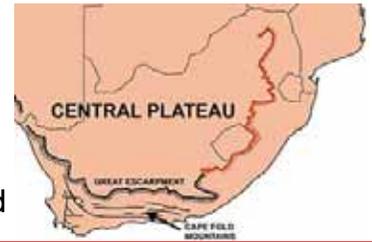
The genus *Ferocactus* was a mess until George Lindsay's dissertation appeared some 50 years ago. George was a remarkable scientist and leader. He made many-many friends and developed such institutions as the Phoenix Desert Museum, the San Diego Natural History Museum, the California Academy of Sciences, and the Leakey Foundation. (see full story in electronic version)

In our lives, taking a turn in some direction will lay out a future path. So it was with George, when in his 7th grade he caught the cactus bug. Stan will argue that growing *Ferocactus* makes your garden better.



Program - The High Drakensbergs in Summer

By Tom Glavich



A map of South Africa showing the central plateau edged by the Great Escarpment and its relationship to the [Cape Fold Mountains](#) to the south. The portion of the [Great Escarpment](#) shown in red is known as the Drakensberg.

The Drakenberg Mountains are the border between Lesotho and South Africa. They provide a high altitude environment with a relatively unexplored region with unique succulents, bulbs, and alpine plants. This talk will be a visit to a few localities all with incredible scenery, and fantastic plants. Habitats for *Cras-*



Crassula vaginata
(yellow flowers)

sulas, *Euphorbias*, *Ledebourias* and other plants capable of withstanding a challenging high altitude environment and near daily summer rainfall will be shown.



Ledebouria ovatifolia

Tom Glavich is one of the co-chairs of the Inter-City Cactus and Succulent Show, and the author of the "Beginner's Guide" series of articles in the CSSA newsletter "To The Point". He has been growing succulents and bulbs for over thirty years. He lives in Altadena, and is a member of most of the Los Angeles area succulent societies.



Notice: SDCSS is looking for a new Newsletter Editor. Meg Ryan has done a great job as Editor, but she has some personal issues that will keep her from continuing in the job. A job description for the position for the job is in the electronic version of the newsletter. The nuts and bolts of how to put the newsletter together can be available for those that are interested. We are looking for someone to take over in January or earlier. The job offers a small monthly stipend and paper and ink for the printer are covered by the club. If you are interested please send a resume plus a sample of how you would like the newsletter to look to myself or Kelly Griffin. If you have questions contact either of us.

Chris Miller

Palomar Cactus and Succulent Society is also looking for a new Editor and is willing to share an Editor with SDCSS.

Speaker and Event Schedule for SDCSS in 2015

October 10th	Tom Glavich	The High Drakensbergs in Summer
November 7th***	Irwin Lightstone	Succulent Plant Photography Exposition/ TBD
December 12th	Holiday Gathering!	

*** Please note, this date is on the first Saturday of the month due to an unavoidable room scheduling change.

Mexico ~Hunting the Elusive Ones Part II

By Kelly Griffin

After spending the night in the small Mexican town of Sierra Parras in central Coahuila, we trekked up a low hill to get photos of a rats nest of a cactus *Astrophytum capricorne ssp. niveum* (fig 1). I know for some, “rats nest” might sound negative but it was nice despite that accurate description.



Fig 1



Fig 2

We continued to the west on a route towards the state of Durango. We stopped at two little limestone hills not far from the Coahuila/ Durango border. The hills are called Cerro Bola (bowl shaped hills) which they indeed are. There was a myriad of cactus covering the slopes but the most interesting one for me was *Astrophytum coahuilense* a spineless, white, and usually five or six ribbed beauty. They are a very attractive alabaster color and take on such geometric sculptural shapes ~ truly fascinating. They hide in plain sight by looking like the chunks of limestone



Fig 4



Fig 3

rubble that they grow on. The flowers had mostly finished for the season but the large fruits were splitting and spilling their progeny. I would add having grown this one for some time in cultivation, it looks much like plants of *A. myriostigma* but the flowers are larger and have a crimson throat (*A. myriostigma* has all yellow flowers). Another difference is the amount of white flocking on the epidermis but it is not an easy difference for most to detect ~ *A. coahuilense* has more generally.

We spent some time here and found some special forms. I was searching for a crested one I had seen some years before while in the process of looking for that one, I found a plant that



Fig 5

was obviously very old and really big. Most plants were under a foot tall and half that wide yet this one was two feet tall and a foot wide. One word, Special! (fig 2, 3, 4, 5)



Fig 6

flower. (fig. 6, 7) It is such a tiny plant that without the bright purple/ pink flowers, you would not have noticed them as the plants hide incredibly well in the rock cracks. The individual plants are about the size of a dime.

We continued to the southwest towards Durango city. We went into a deep canyon north of the city to look for a specific *Echinocereus*. While we did find that plant, I can honestly tell you that I was unimpressed. It had bright pink flowers and was a very small plant. Given its size, I guess it did have nice flowers. Which just goes to show we all have our areas of focus. What was more special to me was finding *Mammillaria theresae* in



Fig 7

We spent another night at a completely unmemorable hotel. About all I can remember are the thoughts that were racing in my head about seeing a new *Agave* the next morning. We headed south of Durango city towards a little town called Las Margaritas in southern Durango. The plant we were looking for was *Agave pintilla*.



Agave pintilla (fig 8, 9) is a new find and although it certainly belongs in the same group with *Agave victoria reginae* and *A. nicholsiae* (*ferdinand regis*), where it goes exactly is a good question. It definitely has differences both in appearance and favored habitat from its other close relatives. Seemingly a combination of the best qualities of both the queen and king *Agave*; perhaps it is the princess *Agave*? It has fewer leaves than *A. victoria reginae* but wide painted stripes like *A. nicholsiae* maybe better. It does not have the steely gray color or the characteristic blackened leaf tip of that plant but rather the leaves are a rich green color. *Agave pintilla* grows on sedimentary river conglomerate while the other known populations of this complex typically favor either limestone sloped hills or limestone cliffs. THIS IS THE BEST OF THEM IN MY OPINION ~ pictures can hardly do them justice. I

Fig 8 know those of you that like *Agaves* but find they are not your focus or favorite will likely think that this is just a really nice *A. victoria reginae*. It is exciting to know that since this is a very recent introduction and is just now entering cultivation, the plants we can look forward to growing will be this beautiful.



Fig 9

to be continued...

Part III Digitostigma (*Astrophytum* worms) and *Agave albopilosa* in Hausteca Canyon



**SDCSS
Picnic
2015**

Photos by Christine Vargas





Pam and Lee, the Couple that Gardens Together...

by: Denise Huntsman-Griffin



Whether in San Francisco, San Diego or Central America, Pam and Lee Badger like to be together and they have similar interests. Pam and Lee lived in San Francisco before they lived in San Diego. Pam is a 4th generation San Francisco native and Lee was from Indiana and then moved to San Francisco after being in the Air force. In the 1970's in San Francisco, they owned a wholesale cactus business and retail plant store. They bought plants for their business from places in Vista such as Western Cactus. In 1977, they moved to Nicaragua and started a succulent nursery there. Unfortunately, they had to abruptly leave when the civil war started in 1979 when the Sandinista National Liberation Front led a violent campaign to oust the Somoza dictatorship. Pam and Lee took what they could but had to leave much behind. Needing to flee to somewhere, they chose San Diego, not a bad place to end up in 1979. Pam began graduate school at San Diego State University to become a therapist, earning a MS degree in Marriage and Family Therapy. Lee returned to his work in the aerospace industry as a designer/drafter in the engineering department.

The Badgers joined the San Diego Cactus and Succulent Society in 1984 and have been actively involved ever since. Pam has served on the board and served two terms as president (2001-2004). Lee also served on the board for a couple of terms and for many years ran the benefit drawing table as well as procuring plants for the Holiday party. For several years they both volunteered to run the booth at Earth Fair in Balboa Park. For the winter and summer show and sales Pam makes sure the kitchen runs smoothly and that the volunteers are fed. Among other things, we appreciate her wonderful vegetarian chili!

When they first moved to their home in Spring Valley, the yard was a blank slate. Over time Lee has created a wonderful landscape. Pam says he is the grower, specializing in *Euphorbias* including *Monodenium* and many unusual succulents such as *Tylecodons*. Pam likes her *Sansevierias*, succulent orchids, *Ferocactus* and *Gymnocalycium*. Their "kids" (pictured) also enjoy the plants in the garden.



Lee is now retired from the aerospace industry and sells his plants; his business is called Succulent City. Pam is a Licensed Marriage and Family Therapist and works as a Clinical Coordinator for a transitional housing program for homeless adults, the majority being veterans. She also has a small private practice providing therapy to individuals and families. Besides their plant hobby/business, they love their yoga and are very involved in all aspects of it. Pam is a registered

yoga teacher and teaches 3 times a week at the YMCA in East County. In fact, they missed our picnic because they were at Joshua Tree for a music and yoga festival! We missed them!



2015 Cactus and Succulent Show & Sale

Presented by

Palomar Cactus and Succulent Society

The North San Diego County Cactus and Succulent Society!

October 24th & 25th Sat. 9 to 5 Sun. 10 to 4

**At San Diego Botanic Garden (formerly Quail Gardens)
230 Quail Gardens Drive, Encinitas, CA 92024**

For Directions: <http://www.sdbgarden.org/directions.htm>

- ◆ See spectacular succulent specimens from around the world!
- ◆ Plant judging is Saturday from 11am – 12:30pm.
- ◆ The public can follow along as judges comment on entries and make their decisions.
- ◆ All show plants will be available for viewing Saturday and Sunday, with winners identified after 1pm Saturday
- ◆ Specimen plants for the novice or collector, as well as handmade ceramic pots will be for sale.

Cost: Free with garden admission or garden membership

For more info contact: Brita Miller @ eventcoordinator@palomarcactus.org or 858-484-7118
or Merrilee 'Annie' Morgan @ publicity@palomarcactus.org

We're on Facebook!

Website - PalomarCactus.org



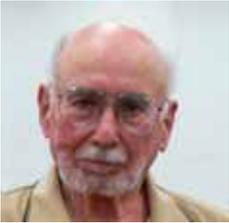
September Picnic

No event just magically happens. It takes a village to put on a good picnic. Despite the heat and humidity over 60 members gathered together at Admiral Baker Field and had a really good time.

A special thanks to all of you who brought dishes to the picnic, it was a great selection of goodies. Thanks to Steve Harris, Jerry Garner, and Chuck Ramey for cookin' up a storm of hot dogs, hamburgers and veggie burgers. To Steve and Kathy Harris for bringing the BBQ stuff. Thanks to Jim Deforest for picking up and dropping off the table coverings. Thanks to Chuck and Jim for bringing the ice cream (something new this year). Thanks to Cathy Clark for bringing all the drinks, ice, utensils, paper and plastic goods in from the meeting room (and taking them back again in her mini but well packed car. I couldn't go on without Cathy's tireless support. Thanks to Melanie Howe for helping with set up and break down. Thanks to Candy and Jerry Garner

for their support before during and after and to everyone else who helped out.

This event is always a great way to get to know each other better, thanks to all of you for participating. Chris Miller



George Lindsay and the Way of Ferocactus

By Stan Yalof

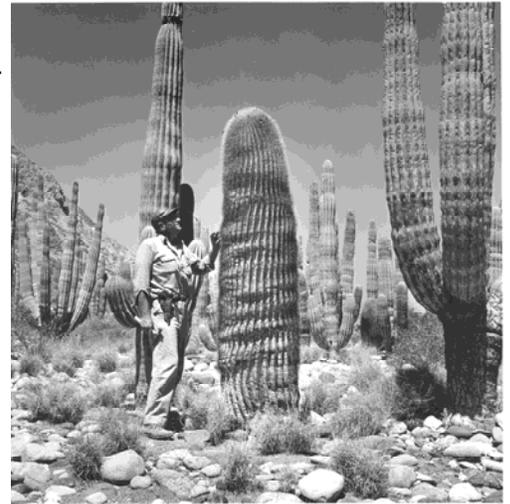
Dr. Lindsay, a modest and remarkable man, affected many people and organizations in his 84 years. His plant studies of the genus *Ferocactus* has led the way for many of us. Our paths crossed because of the Baja Garden at the Wild Animal Park, now Safari Park. Several of us, I, Paul Steward, Rudy Lime, and Reese Brown were volunteers there. We had inherited some *Ferocactus* from a predecessor, Frank Thrombly, and we began a hunt to fill gaps in the collection. George Lindsay, then retired as director of the California Academy of Sciences, was frequently cited for his work with *Ferocactus*. So the four of us flew up to his home in Tiburon, above San Francisco for a meeting. He was in not great health. His loyal assistant Marcos Ballesteros took us to his old office at the Academy filled with photos and files. Reese and I gathered enough to prepare a book on *Ferocactus*. With George's blessing we did just that.

What touched off George's lifelong interest in Cactus? A Mrs. Morton Emerson gave him a plant from her garden when he was in seventh grade. That did it! He entered plant shows, fueling his interest. You could get a driving license at fifteen back then and his permissive parents bought George a Model A and off he went collecting in BC (Baja California). Back then, gas was available through stores, sometimes from rancheros. Part way down, George's Model A coughed to a stop. Alas, petrol came monthly by barge. George was taken in by the family of Donna Espinosa, enjoying their hospitality and joining in their activities. He maintained a lifelong friendship and with assistance to this family. Jim Gibbons, the WAP horticulturist and creator of the WAP BC collection, continued this support.

When George was 18 he made a solo drive to Punta Piete and from there by mule to Mission San Borjas where he found the long lost *Cochemiea setispina* and later a new *Cochemiea* which he named *C. maritime*. In his lifetime, George had been just about everywhere many times. Yet, thinking back over his life, that trip was one of his greatest experiences.



In 1939, wealthy Mrs. Gertrude Webster of Phoenix Arizona dreamed of a Desert Botanical Garden. George, then 23, was recommended. To her, he looked too young. She asked if he was up to it. He was! After setting the perimeter with fencing, George went off, armed with collecting permits covering all of Mexico. His many friends, Howard Gates, Gilbert



Tegelberg, Harry Johnson, et al, contributed truckloads to the enterprise. After two years, with progress underway, he decided to leave DBG and further his botanical education at Stanford. They were sorry to see him go. Later in life, he annually donated \$2,000, his then salary to the DBN.



WWII interrupted his education. He enlisted as a combat photographer in the European theater. At war's end, in Paris, there is a picture of him, smiling while looking over a cactus for sale at a shop.

The world restored! He returned to Stanford for his PH.D, his dissertation being the basis for our book. He was next hired as the Director of the SD Natural History Museum. As at the DBG, he was able to inspire others to support the Museum. He hired Reid Moran as his botany curator. There were many expeditions through BC and the Mexico mainland.





George Lindsay (left) and associate Reid Moran

He held close relationships on both sides of the border. On the occasion of the 99th birthday celebration of botanist Dr. Helia Bravo, Mexico invited George to attend as an honoree, but his health would not permit it.

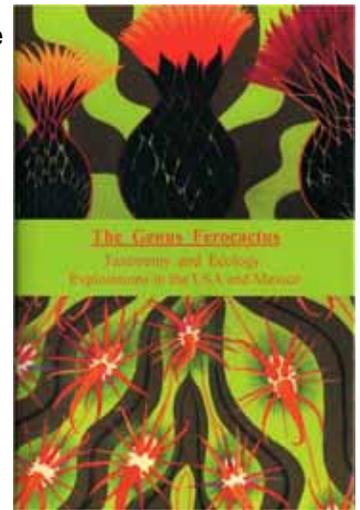
The protection of nature in Mexico owes much to George. In his travels through BC he met the famous aviator John Lindbergh. George explained how land exploitation, feral goats, and plant collecting was harming Mexico, John cranked up his plane, and they flew down to speak with the Mexican President. El Presidente was impressed and promised his assistance.

George was a man of vision who could share this vision and enthusiasm with others. The California Academy of Sciences in San Francisco needed this. He left the San Diego Museum, naming Reid as replacement, but continued as a lifelong supporter.

In addition to building up the Academy, with the help of trustees such as Kenneth Bechtel and many willing hands he was able to push exploration a bit more methodically. He also helped set up and run the Leakey Foundation, devoted to the protection of African wildlife and studies of hominids.

George was very generous. He was once so impressed by the wildlife photos by a young girl in the Galapagos that he gave her a better camera and enrolled her in a camera course. Later she produced a coffee table book of her work. While I was president of the Palomar CSS he donated a substantial annual sum for an award for the best BC plant.

In addition to George's thesis, we added our maps, color photographs, genetic information, and some interesting addenda. The genetics, contributed by Hugo Cota, established *Echinocactus grusonii* (aka golden barrel) of southern Mexico as ancestral to *Ferocactus*. In my view the *Ferocactus* brand (taxa) extended it species northward, as guided by geography, into BC, its islands, and the southern USA. I convinced George of this. A modification of this was made by Nigel Taylor of Kew Gardens where the genus *Ferocactus* was divided into four groups, with fewer species and more subspecies. This simplification deserves genomic confirmation.



One of the addenda is remarkable, and touching. Budget was tight at the California Academy. No funds were available for color printing, then a complicated process. Dr. Dallas Hanna, an expert on marine fossils and a part-time mechanical genius, modified a mimeograph machine to produce 4-color prints! Dallas also built the Academy projector for the planetarium from scrap parts. Dr. Hanna's widow received a copy of our book. This small recognition, the inclusion of these plates with a page of explanation meant much to his wife Margaret, and to George.

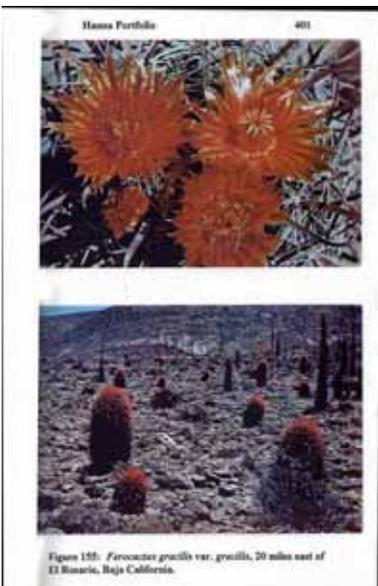
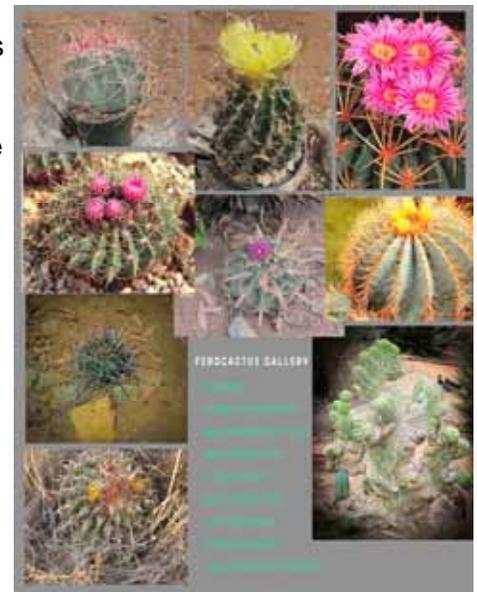


Figure 155: *Ferocactus gracilis* var. *gracilis*, 20 miles east of El Ranero, Baja California.

Reese and I worked for a year on The Genus *Ferocactus* book's text, structure, and illustrations. We enlisted Hugo Cota, a doctoral candidate at Iowa State University, to include a section on DNA based genomics. We consulted with George regularly. We finally printed and sold 800 copies.

Ferocactus differ from *Echinocactus* in the near absence of apical wool; in having both a central and radial spines, commonly hooked; bigger and often colorful flowers; nectarines; and stamens having an eerie peculiarity of closing on an object, termed throgomorphic behavior.





I once considered that there were 30 + species, but that has been whittled down by 10 species and the balance as various subspecies. Their range extends northward from Oaxaca, homeland of golden barrel, into southern Arizona, SD County, and Southward into BC with isolated populations on Gulf of California and off-shore Pacific isle.

I recommend *Ferocactus* to both cactus novices and cactus connoisseurs. They are tough with nice flowers, forgiving, and bed well with others. My favorites include readily recognized *F. cylindraceous*, *F. chrysacanthus*, *F. emoryi*, *F. hamatacanthus*, *F. latispinus*, *F. macrodiscus*, *F. rectispinus*, and San Diego's own *F. viridescens*. I have pictured some. But they are all good.

I met George at a black tie dinner at the SD Natural History Museum. At that event, the Mexican Government presented him with an award for his work in protecting Mexico's natural resources. He later stopped off at my house with Marcos, his assistant. He was in good spirits. A month later he died, and he left this world in style.

I once read, "A great leader must inspire his people to persist in an endeavor. To undertake a journey

You Don't Get Something for Nothing

By Stan Yalof

God was taking an inspection of his handiwork. "Gabriel, this desert air is bracing, and that oxygen is exhilarating! A fine creation, if I do say so."

Fluttering off to the side, Gabriel, answering (in Aramaic), "Austere, but oh so lonely."

"It is that, and a lot better than brambles. But I see some action over there. Give a look."

Returning, "A lot of sheep and camels herded by some nomads."

"Ah, nomads, those must be the Hebrews. They send up plenty of offerings."

"And you gave them Chosen Persons status."

"We worked out a covenant."

"They seem to be wandering aimlessly."

"People who wander aimlessly are not necessarily lost."

A voice wafted up from below, "Chosen people! Why not chosen plants? All that oxygen is our doings!"

"Eh, Wot?"

"Sir it is coming from some small plants, impudent small plants if I say so."

"I'll hear them out." "What tribe be you plants?"

One of the plants answered, "We call our tribe *Talinum*..."

Another spoke, "... and we're seeking a covenant as chosen plants!"

"Hmm, another covenant, this is unprecedented, we just don't give these things out. One has to pay a price..."

"...a price, what kind of price?"

"Well it depends. My chosen people had to follow the code and ... give up a portion of their male member..."

"...not only don't we have a male member, but we are hermaphrodites."

"Well what can you offer?"

Gabriel whispered, "They've got roots."

God nodded, "How about your roots?"

"Can't do that, they feed us."

"Well, how about that green stuff, leaves...?"

Gabriel nodded, "A brilliant riposte, Sir!"

One of the *Talinums* protested, "But we need those. They make oxygen and sugars ..."



Figure 1: *Talinum cafferum*

“Take it or leave it. You don’t get something for nothing.” Gabriel smiled approvingly.

“Just the leaves?”

“Drop the leaves, and also those leaf props!”

“Branches, Sire.”

“Give us a moment to talk this over.” The *Talinums* conferred and a few minutes later they hailed the deity,

“This is tough, But we agree, drop leaves, drop branches.”

“Ha! Good luck, Chosen Plants.”

Among themselves, one of the *Talinums* asked, “How will we survive without our leaves and branches?”

“Did any of us hear that we couldn’t have green stems? I surely didn’t. And if we shrink the branches and call them spines...?”

“That should pass. But some types of *Talinums* won’t truck with this covenant bizz.”

“Well, if that’s their mojo they can stay *Talinum*. We are new. We are the Spinys!”

Notes: 1. Spinys translates in Greek to cacti.

2. *Talinum cafferum* has been identified in two studies as ancestral to *Cactaceae*. The latest study by Ocamp @ Columbus, Figure 2, below, shows this relationship. Also, molecular clock estimates of *Cactaceae* origin places it around 30 to 40 MYA. There is also a South American relative, *Talinum brasiliensis*. It is my contention that the rise of the Andes cordillera brought about the origins and speciation of cacti.

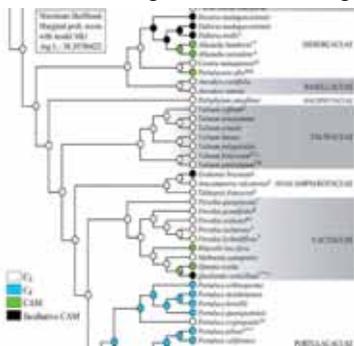


Figure 2: DNA derived *Cactaceae* family tree.

Job Description for Newsletter Editor

Produce the monthly newsletter

Gather articles from various contributors

Take photos at meeting of Brag Table plants, award ceremonies and other interesting things (can arrange for someone else to take photos)

Put together the newsletter. Includes formatting and editing, including some photos. (currently developed in MS Publisher)

Print paper copies for mailed newsletters and deliver them to the O’Daniels for distribution

Print coversheet for paper newsletters using MS Excel and MS Word

Create pdf files for electronic distribution, send them to the web master to post

Create e-mail to send out to the members with e-mail addresses

Put out notices by e-mail

Create document to e-mail to the membership list (currently done in MS Word, Excel and Outlook)

Publicity Printing

Print club fliers, business cards, and sale fliers

Time requirements include

Attending the monthly Board Meeting the Wednesday after the regular meeting. This requirement is necessary since the Newsletter Editor needs to have a finger on the pulse of the organization.

Meeting the timeline for distribution of both paper and electronic copies of newsletter

Newsletter takes 8 to 15 hours to put together depending on input from contributors

Current printer takes about 3 hours to print paper version and cover sheets

The current drop off location for distribution is the O’Daniels in Poway.

Other Requirements

Must have email account, know how to use it.

Good working knowledge/familiarity with of all MS Office products.

Good to have and know how to use, Adobe Acrobat (not just Reader).



Volunteer for SDCSS

By Susan Hopkins

The San Diego Cactus and Succulent Society is a successful organization because of the many people who give their time and abilities to it. To ensure that the club will continue to flourish and grow, more people are needed to contribute their time and talents. Fresh new ideas are always welcome.

Do you have experience, knowledge, skills or interests that would help to make the club better than it is? Do you work with computers? Are you a tech geek? Maybe you are an artistic/creative person. Are you a writer? Do you have organizational skills? Are you a good public speaker? Have you worked in retail sales? Do you possess extensive knowledge about a particular species or category of succulent plants?

Volunteering is a rewarding experience. It is a way to make friends and to gain new knowledge. If you can contribute to the club in any of these or other areas, please see Wendy Goldman or Susan Hopkins at the October Meeting.

Coffee in the Garden

We don't have a Coffee in the Garden this month. If you are interested we are signing up for slots next year. If you would like to have a coffee in your garden please contact Chris Miller. This is a great opportunity to share your garden with those who will really appreciate it.

Old World Garden Accession Project and Volunteer Opportunity

The volunteers and Safari Park Accession Project is well under way. One element that is being captured for the accession is donor information. Many plants entered the garden years ago.

If you or someone you know donated any plant material to the OWG, can you let us know? We collect the donor's name, the (approximate) planting date, where the plant came from (such and such nursery for example), and if it was propagated (by seed or cutting, etc).



Please send information to Susan LaFreniere at 760-317-5764 or susanlafreniere@gmail.com.



As the weather cools off over the winter it is a great time to volunteer in the Old World Succulent Garden and the Baja Garden at the Safari Park. SDCSS and PCSS have maintained those gardens for years. Currently there are only 3 volunteers working and they could use your help. Joey Betzler who was the Liaison with the park when I first volunteered said that it was like having his own huge yards to take care of and I agree. I enjoyed the many years I worked in the garden. If you are stuck with a small yard or patio and want to experience working on a sweeping vista of plants then contact May Fong mayfongho@yahoo.com to find out how to volunteer. The Zoo does have requirements that need to be met. Chris

SDC&SS MEMBERSHIP APPLICATION / RENEWAL FORM

Dues are \$15.00 per year per individual, and \$5.00 per year for each additional household member. Newsletter is E-mailed. **Mailed paper copies are available for an additional \$10 a year. Each member has all the rights and benefits of the organization.**

Annual Dues (E-mail Newsletter) \$15.00 _____
 (Paper Newsletter) Add _____
 First class delivery USPS \$10.00 _____
 Annual Dues – International (Paper) \$30.00 _____
 Additional Household Member(s) \$5.00 _____
 Amount Enclosed \$ _____

Check **ONE** for type of membership:
NEW _____ **RENEWAL** _____

Member Information:
(Please PRINT to fill in ALL blanks below!!!)

Name: _____
 Address: _____
 City and State: _____
 Zip + 4: _____
 Phone Number: _____
 Cell/FAX: _____
 E-mail Address _____

Additional Household Members: _____

Do you wish to receive E-mail notifications of Club events and issues?

Yes _____ No _____

Mail this form or a copy, along with a check or money order payable in US Funds to SDCSS to:

**SDCSS Membership Dept
 c/o Paul Maker
 1245 San Pablo Drive**

San Diego Cactus & Succulent Society

Executive Board

President: **Kelly Griffin**
 Vice President: **Chris Miller**
 Secretary: **Jennifer Harris**
 Treasurer: **Leslie Sheridan**



Kelly Chris Jennifer Leslie

Directors

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Jerry Garner
Rick Bjorklund
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Brian Shepherd
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Peter Jerry Rick Kienan

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Christine



Brian Wendy

Education, Conservation & Exhibits

Conservation: **Herb Stern**
 Brag Table: **Tina Zucker & Denise Griffin**
 Plants of the Month: **Don Hunt**
 Summer Show: **Peter Walkowiak**
 Winter Show: **Peter Walkowiak**
 Historian: **Terry Parr**
 Library: **Don Hunt, Steve & Kathy Harris**
 Exchange Plants & Seeds: **Michelle Heckathorn & Sara Schell**
 Grants: **Jerry Garner**

Sales, Meetings, Plant Sales & Supplies

Membership: **Paul & Carol Maker** pdmaker@roadrunner.com
 Mailing: **Jean & Bill O'Daniel**
 Annual Sales: **Chris Miller**
 Auction & Holiday Plants: **Kelly Griffin**
 Monthly Plant Sales: **Jim DeForrest & Lynn Elliott**
 Monthly Supply Sales: **George & Jerry Plaisted**
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 Monthly Regalement: **Cathy Clark**
 Picnic Regalement: **Chris Miller**
 Hospitality: **Sara Schell**



Paul

Liaison

Balboa Park Desert Garden: **Susan Hopkins**
 CSSA Affiliate Rep: **Peter Walkowiak**
 SD Botanic Garden: **Phyllis Flechsig**
 SD Botanical Garden Foundation: **George Plaisted**
 SD Floral Association: **Jeanette Dutton**
 SD Zoo Safari Park Baja & Old World Gardens: **May Fong**

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Web Site: www.sdcss.net



Collette

Please address correspondence to: The San Diego Cactus & Succulent Society P.O. Box 33181 San Diego, Ca 92136-3181

Webmaster

We are looking for a new webmaster. If you have the skills and the interest please talk to Wendy Goldman at the next meeting.