

CACTUS COURIER

Newsletter of the Palomar Cactus and Succulent Society

The North San Diego County Cactus and Succulent Society

Volume 63, Number 11

November 2017

NEXT MEETING

Sat., November 18th

This is a week early!

**Park Ave. Community Center
210 Park Ave., Escondido**

Brag plants, Exchange Table, Benefit Drawing

11:00am - 3:00pm

This Month's Presentation:

The Secrets of Growing Quality Cacti and other Succulents

By: Wendell S. (Woody) Minnich

How do you find out what the secrets are? There are important strategies about how to grow plants well and they can be accomplished by doing five easy things: visiting habitats, traveling from garden to garden the world over, participating in shows, accessing numerous cactus and succulent books, and most importantly, talking with the growers of these wonderful plants. It is your awesome opportunity to learn from these various experiences!

With these experiences, it doesn't take long to learn the many different approaches on how to grow quality cacti and succulents. Like most things, years of experience help, but seeing cacti and succulents in the field (their natural habitat) gives one incredibly valuable insight. Also, visiting numerous collections and gardens around the world helps add an even greater dimension to the understanding of cultivation in various environments. Participating in cactus and succulent shows is another great way to give one a full perspective on how to present and grow quality plants. Last, but not least, read the books! Don't hesitate to use all of these available means to add to your information bank, and mostly, **don't be afraid to ask questions. "Why" is the biggest word in the world!** Many of the factors for growing quality plants aren't really secrets, but often, only the stories not shared or observed!

We will refer to both cacti and succulents as "succulents" because all cacti are succulent. Succulent plants are what they are for a reason! The storage of water is what gives them their succulent character and this storage is what gives them the ability to survive in often harsh habitats. The great majority of our succulent plants come from deserts or relatively arid regions. These environments are often very dry, and usually lack moisture for extended periods of time. These same habitats are usually very sunny and often reach high summer temperatures when moisture can so quickly be lost. Thus, our plants are succulent, because they must have water storage to get them through the often extended hot and/or dry times. (Continued on next page.)

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REFRESHMENTS

1. Heather Chan
2. Winston Chan
3. Ginny March
4. Brad Bradsher
5. Kevin Smith – dessert
6. Gloria Medina
7. Kristie DeTar
8. Annie Morgan

YOUR NAME HERE!

Click here to visit our webpage:

Palomarcactus.org

We're on Facebook!



Due to the variable environments that our succulent plants come from, there are many considerations that one must keep in mind. These factors include:

- At what time of the year does water generally become available and how?
- What are the high and low temperatures and air movement from the dry to wet times?
- What is the substrate, soils or rocks or bark, the growing medium?
- Does the substrate contain minerals, acids, alkalinity and/or nutrients?
- What is the plant's method of water storage, leaves, stems or roots – tubers?
- What is the plant's method of acquiring water - roots or foliar?
- What is the plant's orientation to the sun, amount of exposure, nurse plants etc.?
- What is the plant's ability to take or need cold temperatures?
- What are the plant's root-system needs, confinement or open, drainage, and temperatures?
- When does the plant grow or when is it dormant?
- What is the elevation at which the plant naturally grows?
- When does the plant normally flower and fruit?
- Does the plant have any symbiotic relationships?
- What are the plant's enemies: insects, bacteria, fungi, animals etc.?

In a general way, we will cover all of these aspects and how they relate to you and your overall growing environment. Each one of us live in a slightly, to extremely different micro niche. It is from all of the above mentioned factors and how we apply them that will determine how successfully we grow our plants. Don't forget, much like life itself, it is often from our mistakes that we gain our greatest learning experiences.

Biographical Sketch of Woody, Wendell S. Minnich, 2016

Woody, as he is commonly known, has been in the cactus hobby for some 47 years and has become well known for his participation and contributions. He has been awarded honorary life membership to ten clubs, as well as a Life Member and Friend Awards with the CSSA (Cactus & Succulent Society of America.) His many leadership roles include: National Show Chairman, Convention Sales Chairman, Convention Speaker coordinator, 2016 Mid-States Conference Co-chair, accredited C & S judge and writer -photographer. He has also served in almost all positions of leadership for many regional clubs and is currently the president of the new Santa Fe C & S club.



Woody is probably best recognized for his many presentations. His photography is considered to be special and his commentary very entertaining and educational. After all, he was a celebrated secondary school teacher for 32 years, where he taught Art, Graphic Arts-Design and Architecture. He has now become a recognized international speaker and has presented at cactus and succulent events all over the world.

He has also authored a number of articles for various newsletters and journals including the CSSA journal and his photographs are also well published. His work is featured in many books including: "The New Cactus Lexicon" Hunt and Charles, "Mammillaria" Pilbeam, and "Echeveria Cultivars" Schulz & Kapitany. Woody is the creator-originator of the first color version of the CSSA journal article "Cacti and Succulents for the Amateur" featuring show plants, shows, and the growers of the pictured plants. He is also often called upon to do new book reviews for the CSSA journal

His involvement in the cactus and succulent world is well represented by his 45 years of field work in regions including: Africa, Argentina, Australia, Bolivia, Brazil, Chile, Madagascar, Mexico, Namibia, New Zealand, Peru, Socotra, the United States and Yemen. He often goes to remote places where few, if anyone, have ever explored and as a result of this field work, he has introduced many new taxa. Also, being a recognized grower, Cactus Data Plants since 1975, Woody has developed strong interests in both succulent plant taxonomy and the many cultivation secrets that help us to grow these unique plants.

~ NOTICES ~

SHOW & SALE

What a fantastic event we had! If you weren't there you missed out! Sales were brisk, and wow what a show! You made it an incredible success by bringing in 387 plants, about 20% more than last year. Volunteers you were fantastic! See pg. 5 for more details.

NOVEMBER MEETING IS A WEEK EARLY!

Due to Thanksgiving, our November meeting is a week early, it is this coming Saturday, November 18th. You won't want to miss Woody's fantastic presentation, so mark your calendar now!

NOVEMBER BRAG PLANTS

This coming meeting will be your last chance to earn Brag Plant points for our December Holiday Party Plant Giveaway. Everyone who has brought in a Brag Plant will receive a plant, with high points winners having first choice.

GARDEN BRAG PHOTOS, OCTOBER BRAG WINNER'S PLANT PHOTOS, EDUCATION PAGE, & SAFARI PARK INFORMATION

This newsletter is so full of show information that there just isn't room, so they will all return next month. There is, however, a list of October's Brag Table Winners on pg. 4. And if you have any Garden Brag Photos to share please send them Annie - by December 1st.

T-SHIRTS

If you haven't picked up your t-shirt(s) yet from the August orders they will be at the November and December meetings. Please see Annie first, do not just take them from the box.

HOLIDAY PARTY ON DECEMBER 16TH!

This is just around the corner and once again due to club growth we will need you to sign up if you are coming to make sure you get a seat. There will be attendance and potluck sign-up sheets at the November Meeting. Mark your calendar now as it is a week early due to Christmas. See pg. 4 for more information.



Once again it is with sadness that we share we have lost another member, Ron Bales. Ron passed away in mid-October after a brief illness. He was a newer, but active member, and he will be missed. We give our sympathies to his wife Ginny, also a member. Condolences may be sent to Ginny March.



PLANT OF THE MONTH ~ SOMETHING NEW - YOUR FAVORITE PLANT!

We are doing something new this month by having those who want to participate bring in just one plant for the Plant of the Month - YOUR favorite plant. This might vary from season, so choose the one that is looking good now and is your favorite for this time of year. And we would love it if you could take the time to briefly write on a 3 x 5 card why you chose it. Cards will be available at the meeting.

The Brag Table will be held in the typical format.
And remember this is the last month to earn points for both contests!

Holiday Party ~ Saturday, December 16th

Mark your calendars now for this year's party. **We will need you to sign up at the November meeting if you are going to attend to make sure you have a seat.** With 14 new members who joined at our Show & Sale, our membership is now at 182 members, and we only have room to seat 100 at our party.
If you miss signing up, please contact Brita.

- Eleanore Hewitt will once again be cooking her delicious turkey thighs - yeah Eleanore!!! 🍗
- Lorie Johansen will be cooking the turkey breasts.
- Peter will be cooking a smoked ham.

The rest of the menu is potluck so be sure to sign up at the November meeting, or contact Brita ASAP if you're not able to be there but will be coming to the party.

❖ **THERE WILL BE GIFT PLANT TABLES FOR - MEMBER PLANTS, VOLUNTEER PLANTS, & BRAG PLANT POINTS!**

VOLUNTEERS & DECORATIONS ~ Once again Evelyn Voth is bringing in her beautiful reindeer collection! She and Julie Slater will coordinate the centerpieces, but would love to have help. We will also need help in the following areas and you can sign up at the November meeting. If you miss that please contact Brita if you can help out.

~ **Table Decorations** - bring festive greenery - i.e. pine cones, pine & holly branches & berries - whatever you think will look pretty to go with the rainbow centerpieces, and then at 10:30am help put them together.

~ **Set-up and Serving** – set-up starting @ 10:30am, and people to help with serving to speed up the line.

~ **Clean-up Crew** - you know the drill. Many hands make light work!



~ September Brag Plant Winners List ~

For those who have been asking. Photos coming in December.

Intermediate Cactus

1st Victor Zonana Opuntia microdasys

Advanced Cactus

1st Lorie Johansen Opuntia crest
 2nd Lorie Johansen Cereus peruvianus
 monstroze

Novice Succulent

1st Moni Waiblinger Pachypodium succulentum
 2nd Moni Waiblinger Ficus nitida ginseng
 2nd Moni Waiblinger Crassula ovata
 3rd Kathie Hoxie Euphorbia trigona

Intermediate Succulent

1st John Tashjian Welwitschia mirabilis
 2nd Jeannie Zonana Stapelia gigantea
 2nd Don Nelson Pachypodium saundersii
 1st Ron Chisum Euphorbia esculenta
 2nd Lorie Johansen Echeveria
 2nd Lorie Johansen Adromischus cristata
 3rd John Barkley Pelargonium

Advanced Succulent

1st Ron Chisum Euphorbia esculenta
 2nd Lorie Johansen Echeveria
 2nd Lorie Johansen Adromischus cristata
 3rd John Barkley Pelargonium

Plant of the Month

Novice

1st David Buffington Calibanus hookeri
 2nd Neila Rybicki Fockea edulis
 3rd Neila Rybicki Adenia glauca

Intermediate

1st Jeannie Zonana Fockea edulis
 2nd Victor Zonana Cyphostemma cirrhosum
 2nd Don Nelson Begonia dregei
 3rd Don Nelson Cissus tuberosus

Advanced

1st Robert Kopfstein Ficus petiolaris
 2nd John Barkley Fockea edulis
 2nd Robert Kopfstein Firmiana colorata



- Brag Table above,
 Plant of the Month
 - Caudiciforms -
 table to the left

Thank You Show & Sale Volunteers!

From Brita Miller ~ Show Chair, Event Coordinator

WE COULDN'T HAVE DONE IT WITHOUT YOU!

I want to give a personal thank you to all the great volunteers:

- **New Volunteers** – a special thank you to **Moni Waiblinger** and **Pam Dunlap**! **Moni** worked all day Friday, Saturday and Sunday, doing everything and anything needed without even having to be asked. **Pam** did a wonderful job manning the “Paid - Holding Table” and was a real trouper staying at the table all day Saturday (in the sun).
- **Setup and/or Breakdown** - **Kevin Smith, Richard Miller, Lorie Johansen, May Fong Ho, Steve and Neila Rybicki, Chris and John Barkley, Jean O'Daniel, Moni,** and others who were fantastic volunteers, efficiently doing all the necessary work until it was done – with smiles!
- **Vendors** - **Tina Zucker** as the Vendor Chair, coordinated with all the vendors and supervised the vendor area setup. Great job! **Tina** was and is always a great help.
- **Sales** - **Leon LaFreniere**, who handles all our monies, worked as lead cashier, with **Susan LaFreniere** – all of both days! On Saturday, **Harold and Nancy Dunn, and Winston Chan, along with Leon and Susan** all worked two registers, scanned, boxed and in general helped the many customers. Along with all the local shoppers, two buses of about 70 to 80 shoppers came from out of town. **Julie Kort** also helped with cashiering, etc. on Sunday. And thanks also to **Leon and Tina** for bringing in some very needed extra tables.
- **Show** - **Jean, Annie Morgan, Lorie, May, Moni** and others helped with identifying Show plants and getting them in the right categories. **Lorie, Annie, Mike Nelson, Jean and Bill O'Daniel** did clerking for our judges. **Jim Anderson** for creating a fantastic computer spreadsheet for the Show plant record keeping and spent hours entering exhibitor names, their entry level, category and plant names, and then after judging went back and adding who won what. **Bob Schmutz**, our main security guy on both days, was always very alert with a great smile. Also, a special thank you to our judges **Woody Minnich and Kelly Griffin** for sharing their knowledgeable comments as they went around the room judging. We are only one of two clubs that allows viewers to observe judging and it was especially popular this year.
- **Welcome & Membership** - **Francis Granger**, as always, did a fantastic job welcoming people and manning the membership table all day Saturday. **Kathie Hoxsie** took over on Sunday. We had 14 new members join during the event!
- **Refreshments** - **Sandy Wetzel-Smith** was such a trouper and manned the kitchen both days, with **Bruce Barry** joining in on Sunday. They took care of the food and refreshments so our volunteers, vendors and members didn't go hungry! Thanks to everyone who brought in all the delicious food!
- **Various Jobs** - **Heather Chan, Nell McChesney, Marcy Singer, Brian Magone** and others were great helping at all the other various jobs that came up as the event went along.
- **Cleanup** - Thanks to everyone who helped in the cleanup. Your efficiency and thoroughness was greatly appreciated.
- **San Diego Botanic Garden** - For handing out our flyers to everyone who entered the Garden weeks in advance, and hanging three banners so all the visitors in the weeks before knew about the event. **Sam Beukema** worked on all the logistical issues including getting the tables we needed for the Show and much more. **Lisa Reynolds, publicist extraordinaire** got the word out through all her publicist contacts and on social media sites.
- **Thank you to all** who I know I've forgotten the names of, and all the members and vendors who jumped in when they saw something that needed to get done at various times throughout the weekend.
- **A personal thank you** to my husband, **Richard**, who I roped in for all three days of Show & Sale, plus, he helped out many hours in the weeks before. He also put up with a living room full of empty boxes, banners, parking lot signs, refreshment supplies, tablecloths, ribbons, 'Pot a Plant' supplies, membership table material, and all the other Show & Sale materials and everything else that might be needed.

Thank
You!

I'm already planning how to make next year even better, so if you have any ideas or suggestions please let me know.
Thanks again! - Brita Miller



It wouldn't have happened without these two - Brita Miller and Tina Zucker! Brita coordinated the entire event and Tina handled all vendor details! Thank you!



And what a show it was - almost 400 show plants entered! This only shows 60%!



Viewers love following the judges and listening to their very informative comments.



Jim Anderson, spreadsheet creator, and Richard Miller, entering every detail about each entry!



Our esteemed judges, Woody Minnich, left, and Kelly Griffin, right, and below. They carefully looked at all plants and made very educational comments about the details of their decisions.



Pam Dunlap watching over the Sold- Holding Table!



In addition to the fantastic Plant Show, there were so many items to buy - rocks, pottery, driftwood, and of course plants galore! Thanks to our friendly vendors - right!



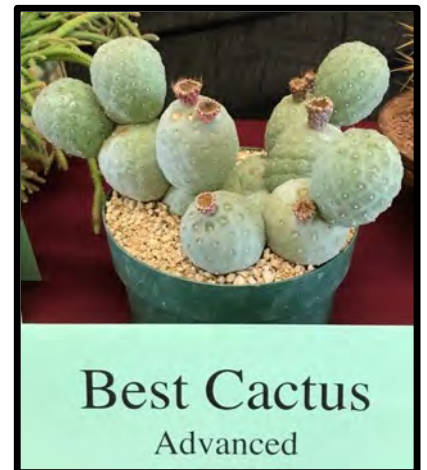
OCTOBER 2017 FALL SHOW ~ WINNER'S TABLE



**Alejandro Cardenas's
Dioscorea**



Peter Walkowiak's Adenium swazicum



**Woody Minnich's
Tephrocactus geometricus**



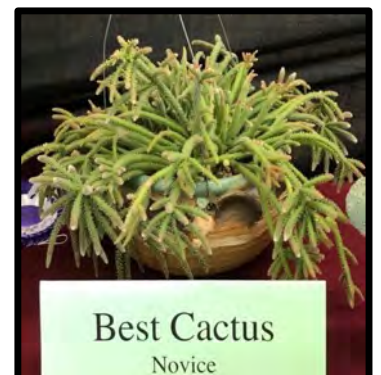
**Lisa Brosseau's
Sarcocaulon herrei**



**Annie Morgan's
Euphorbia pseudocactus
'Zig Zag'**



**Mike Nelson's
Ferocactus glaucescens**



**Celine Newman's
Rhipsalis horrida**

Judge's Choice Awards



**Brita Miller's Aloe dorotheae,
chosen by Woody Minnich**



**Phyllis Flechsig's Euphorbia platyclada,
chosen by Kelly Griffin**

Peoples' Choice Awards



People's Choice - 2nd Place Tie
 - Lorie Johansen's Crested Aeonium
 - Peter Walkowiak's Eu. Obesum
 - Julian Duval's Aloe Plicatilis



**Left: Alejandra Cardenas's Dioscorea
People's Choice 1st Place**

2017 SHOW WINNER'S

DIVISION 1: CACTACEAE

NORTH AMERICAN CACTUS

Class 1 - Ariocarpus, Astrophytum

NOVICE

1st	Susan LaFreniere	Ariocarpus retusus
2nd	Lisa Brosseau	Ariocarpus kotschoubeanus
3rd	Lisa Brosseau	Astrophytum asterias

INTERMEDIATE

1st	Jerry Kahn	Astrophytum asterias
2nd	Regina Fernandez	Astrophytum

ADVANCED

1st	Peter W	Ariocarpus furfuraceus x lydia
2nd	Peter W	Astrophytum coahuilense
2nd	Peter W	Astrophytum myriostigma
2nd	D&J Craig	Astrophytum caput
3rd	Peter W	Ariocarpus retusus
3rd	Peter W	Ariocarpus retusus

Class 2 - Aztekium, Pelecypora, Epithelantha, Strombocactus, Obregonia, Encephalocarpus, Ortegocactus

ADVANCED

2nd	John Barkley	Pelecypora strobiliformis
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Class 3 - Coryphantha, Escobaria, Neobessya, Neolloydia, Leuchtenbergia

INTERMEDIATE

1st	Neila Rybicki	Leuchtenbergia principis
2nd	May Fong Ho	Leuchtenbergia principis

ADVANCED

1st	Peter W	Coryphantha bumamma
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Class 4 - Gymnocactus, Turbinicarpus, Stenocactus

ADVANCED

2nd	D&J Craig	Stenocactus palmillas
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Class 5 - Echinocereus

NOVICE

1st	Heather Chan	Echinocereus pectinatus
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ADVANCED

1st	Peter W	Echinocereus inermis
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Class 6 - Echinocactus, Ferocactus, Hamatocactus

NOVICE

1st	Winston Chan	Echinocactus grusonii
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INTERMEDIATE

1st	Mike Nelson	Ferocactus glaucescens – Best Cactus - Intermediate
2nd	Annie Morgan	Ferocactus latispinus - barrel cactus
3rd	Victor Zonano	Ferocactus latispinus
3rd	Annie Morgan	Echinocactus grusonii

ADVANCED

1st	Peter W	Echinocactus grusonii
2nd	John Barkley	Ferocactus hamatacanthus
3rd	Lorie Johansen	Echinocactus texensis



Class 7 - Mammillaria, hooked spines

ADVANCED

1st	Candy & Jerry Gardner	Mammillaria bombycina
1st	Lorie Johansen	Mammillaria bombycina

Class 8 - Mammillaria, straight spines

NOVICE

1st	Nell McChesney	Mammillaria spinosissima
2nd	Lisa Brosseau	Mammillaria shiedeana
3rd	Winston Chan	Mammillaria spinosissima

INTERMEDIATE

1st	Mike Nelson	Mammillaria geminispina
2nd	Jeannie Zonana	Mammillaria hahniana
3rd	May Fong Ho	Mammillaria elongata

ADVANCED

1st	Lorie Johansen	Mammillaria plumosa
2nd	Phyllis Flechsig	Mammillaria plumosa
2nd	Peter W.	Mammillaria celsiana
3rd	Peter W	Mammillaria lloydii



Class 9 - Thelocactus, Sclerocactus, Pediocactus

INTERMEDIATE

1st	John Barkley	Thelocactus conothelos
2nd	John Barkley	Thelocactus rinconensis
2nd	John Barkley	Sclerocactus whippleyi

SOUTH AMERICAN CACTUS

Class 12 - Copiapoa

INTERMEDIATE

1st	Regina Fernandez	Melocactus azureus
2nd	Mike Nelson	Melocactus conoides

ADVANCED

1st	John Barkley	Melocactus matanzanus
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Class 13 - Echinopsis, Lobivia

INTERMEDIATE

1st	Neila Rybicki	Echinopsis lobivia
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Class 14 - Eriosyce, Neochileneia, Neoporteria, Pyrrhocactus, Horridocactus

INTERMEDIATE

1st	Jeannie Zonana	Neoporteria Senilis
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ADVANCED

1st	John Barkley	Eriosyce senilis
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Class 15 - Gymnocalycium

ADVANCED

1st	Peter W	Gymnocalycium friedrichii
2nd	Kienan Parr	Gymnocalycium saglionis
3rd	John Barkley	Gymnocalycium saglionis

Class 16 - Notocactus, Parodia, Ancanthocalycium

NOVICE

1st	Heather Chan	Notocactus magnificus
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ADVANCED

1st	Terry & Collette Parr	Parodia maasii
2nd	John Barkley	Parodia werneri
3rd	John Barkley	Notocactus

Class 17 - Rebutia, Sulcorebutia, Weingartia

INTERMEDIATE

1st Regina Fernandez Rebutia heliosa

ADVANCED

1st John Barkley Sulcorebutia sp.
2nd John Barkley Rebutia arenacea
3rd John Barkley Rebutia mentosa var. flavissima

OTHER CACTI

Class 18 - Matucana, Submatucana, Oroya, Borzicactus

ADVANCED

1st John Barkley Oroya peruviana

Class 19 - Ceroids, Columnar Cactus

NOVICE

1st Heather Chan Cephalocereus senilis

INTERMEDIATE

1st May Fong Ho Cephalocereus senilis
2nd Leon LaFreniere Carnegiea gigantea
3rd Jeannie Zonana Cephalocereus senilis

ADVANCED

1st Lorie Johansen Espostoa melanostele
2nd Lorie Johansen Cephalocereus senilis

Class 20 - Opuntioides

NOVICE

1st Moni Waiblinger Opuntia humifusa

INTERMEDIATE

1st Jerry Kahn Opuntia
2nd Mike Nelson Cumulopuntia zehnderi

ADVANCED

1st Woody Minnich Tephrocactus geometricus - **Best Cactus**
Advanced

2nd John Barkley Opuntia

Class 21 - Epiphytic Cactus

NOVICE

1st Celine Newman Rhipsalis horrida - **Best Succulent Novice**

INTERMEDIATE

1st Jerry Kahn Epiphytic hybrid
2nd Brita Miller Rhipsalis Cereuscula
3rd Annie Morgan Rhipsalis

ADVANCED

1st Phyllis Flechsig Rhipsalis burchelli

Class 22 - Variegates

NOVICE

1st Bob Schmutz Ferocactus variegated

Class 23 - Crests, Monstrose

NOVICE

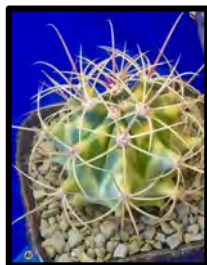
1st Winston Chan Opuntia microdasys

INTERMEDIATE

1st Mike Nelson Myrtillocactus geometrizans cristata
2nd Jeannie Zonana Trichocereus huascha cristata
3rd Jerry Kahn Opuntia variegata monstrose

ADVANCED

1st D&J Craig Astrophytum myriostigma monstrose
2nd D&J Craig Copiapoa tenuissima monstrose
3rd John Barkley Pachycereus hollianus cristata



DIVISION 2: NON CACTUS SUCCULENTS

MESEMBRYANTHEACEAE

Class 25 - Lithops, Conophytum

NOVICE

1st Lisa Brosseau Conophytum

ADVANCED

1st Peter W Lithops sp.
2nd Peter W. Conophytum fl anum
3rd John Matthews Lithops bromfieldii v. glaudine
3rd John Matthews Lithops olivacea
3rd John Matthews Lithops leslei

Class 26 - Pleiospilos, Titanopsis, Dinteranthus, Faucaria

NOVICE

1st Charlene Barad Pleiospilos nelii

ADVANCED

1st Jerry & Candy Garner Titanopsis fulleri

Class 27 - Mestoklema, Aloinopsis, Trichodiadema

NOVICE

1st Susan LaFreniere Astridia longifolia

INTERMEDIATE

1st Jerry Kahn Trichodiadema bulbosum

ADVANCED

1st Candy & Jerry Gardner Nananthus wilmaniae
2nd Lorie Johansen Mestoklema tuberosa
3rd Tina Zucker Trichodiadema bulbosum

LILIACEAE

Class 28 - Aloe

NOVICE

1st Kevin Smith Aloe

INTERMEDIATE

1st Jeannie Zonana Aloe ramosissima
2nd Brita Miller Aloe dorotheae
3rd May Fong Ho Aloe suprafoliata

ADVANCED

1st Julian Duval Aloe plicatilis
2nd Peter W Aloe ramosissima
3rd Tina Zucker Aloe 'Christmas Carol'



Class 29 - Gasteria, Astroloba

NOVICE

1st Kevin Smith Gasteraloe 'Green Ice'
2nd Lisa Brosseau Gasteria

INTERMEDIATE

1st Mike Nelson Gasteria brachyphylla
2nd Annie Morgan Gasteria batesiana
3rd Brita Miller Gasteria carinata var. verrucosa

ADVANCED

1st Phyllis Flechsig Gasteraloe 'Green Ice'
2nd Candy & Jerry Gardner Gasteria liliputana
3rd Kienan Parr Astroloba skinneri

Class 30 - Haworthia

NOVICE

1st Lisa Brosseau Haworthia limifolia

INTERMEDIATE

1st Regina Fernandez Haworthia pumila
2nd Mike Nelson Haworthia maughanii
3rd Annie Morgan Haworthia limifolia

ADVANCED

1st Kienan Parr Haworthia pygmaea hybrid
2nd John Matthews Haworthia cv 'Reikoden'
3rd John Matthews Haworthia cv 'Hakusan'
3rd Kienan Parr Haworthia truncata 'Lime Green'

CRASSULACEAE

Class 31 - Cotyledon, Tylecodon

NOVICE

1st	Susan LaFreniere	Tylecodon wallichii
2nd	Chris Barkley	Tylecodon buchholziana

ADVANCED

1st	Candy & Jerry Gardner	Tylecodon pearsonii
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Class 32-A - Crassula

NOVICE

1st	Moni Waiblinger	Crassula ovata 'Gollum'
2nd	Chris Barkley	Crassula

INTERMEDIATE

1st	Brita Miller	Crassula 'Curly Jade'
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ADVANCED

1st	Terry & Collette Parr	Crassula 'Baby's Necklace'
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Class 32-B - Kalanchoe

NOVICE

2nd	Susan LaFreniere	Kalanchoe
3rd	Chris Barkley	Kalanchoe humilis

INTERMEDIATE

1st	Annie Morgan	Kalanchoe hildebrandt
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ADVANCED

1st	Lorie Johansen	Kalanchoe synsepala dissecta
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Class 33 - Dudleya

INTERMEDIATE

1st	May Fong Ho	Dudleya pachyphytum
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ADVANCED

1st	Peter W.	Dudleya hassei
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Class 34 - Echeveria

INTERMEDIATE

1st	Mike Nelson	Echeveria agavoides 'Ebony'
2nd	Regina Fernandez	Echeveria agavoides 'Red Edge'
3rd	Eleanor Hewitt	Echeveria 'Azulita'

ADVANCED

1st	Tina Zucker	Echeveria agavoides 'Ebony'
2nd	Tina Zucker	Echeveria 'Raindrops'
3rd	Tina Zucker	Echeveria pulvinata 'Ruby Blush'

Class 35 - Pachyphytum, Graptopetalum, Tacitus, Adromischus, Sedum

NOVICE

1st	Patti Nelson	Sedum sedifolium
2nd	Chris Barkley	Sedum
3rd	Chris Barkley	Sedum

INTERMEDIATE

1st	Mike Nelson	Adromischus herrei 'Lime Drops'
2nd	Brita Miller	Graptopetalum

ADVANCED

1st	Terry & Collette Parr	Sedum nussbaumerianum
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Class 36 - Aeonium

INTERMEDIATE

1st	Brita Miller	Aeonium leucoblepharum
2nd	Brita Miller	Aeonium tabuliforme
3rd	Brita Miller	Aeonium zwartkop

EUPHORBIACEAE

Class 37 - Stem Type – no spines, no leaves: abdelkuri, obesa, symmetrica, platyclada

NOVICE

1st	Nancy Dunn	Euphorbia obesa
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INTERMEDIATE

1st	Jeannie Zonana	Euphorbia obesa
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ADVANCED

1st	Peter W	Euphorbia platyclada
2nd	Phyllis Flechsig	Euphorbia platyclada
3rd	Peter W	Euphorbia obesa

Class 38 - With Leaves and spines: milii, viquieri, unispina

ADVANCED

1st	Tina Zucker	Euphorbia multiflora
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Class 39 - With leaves, no spines: bupleurifolia, decaryi, francoisii, polygona, bicompecta

NOVICE

1st	Harold Dunn	Euphorbia polygona 'Snowflake'
1st	Charlyne Barad	Euphorbia bicompecta var. rubra

INTERMEDIATE

1st	Jerry Kahn	Euphorbia millotii
2nd	Jerry Kahn	Euphorbia hedyotoides
3rd	Jeannie Zonana	Euphorbia clandestina

ADVANCED

1st	Peter W	Euphorbia bupleurifolia
2nd	Candy & Jerry Garner	Euphorbia francoisii
2nd	Peter W	Euphorbia francoisii
3rd	Tina Zucker	Euphorbia millotii
3rd	Peter W	Euphorbia procumbens x decaryi

Class 40 - No leaves, with spines: clavigera, horrida, stellata, stellispina

INTERMEDIATE

1st	Annie Morgan	Euphorbia pseudocactus 'Zig Zag' - Best Succulent – Intermediate
2nd	Jeannie Zonana	Euphorbia horrida

ADVANCED

1st	Candy & Jerry Gardner	Euphorbia horrida
2nd	Peter W.	Euphorbia knuthii
3rd	Lorie Johansen	Euphorbia stenoclada

Class 41 - Medusas: caput-medusa, decepta, esculenta, gorgonis, hopetownensis, inermis, suppressa

INTERMEDIATE

1st	Mike Nelson	Euphorbia suppressa
3rd	Mike Nelson	Euphorbia hopetownensis

ADVANCED

1st	Peter W	Euphorbia medusa hybrid
2nd	John Barkley	Euphorbia medusa sp. x medusoid
2nd	Peter W	Euphorbia gorgonis
3rd	Peter W	Euphorbia inermis hybrid
3rd	Peter W	Euphorbia medusa hybrid



EUPHORBIACEAE - OTHER

Class 42 - Jatropha, Monadenium, Pedilanthus

NOVICE

1st Lisa Brosseau Jatropha berlandiera

INTERMEDIATE

1st Mike Nelson Monadenium ritchiei

2nd Neila Rybicki Monadenium ritchiei

ADVANCED

1st Peter W Monadenium lusardii

2nd John Barkley Monadenium rubellum

GERANIACEAE

Class 43 - Pelargonium

NOVICE

1st Chris Barkley Pelargonium laxum

INTERMEDIATE

1st Jerry Kahn Pelargonium sidoides

ADVANCED

1st Tina Zucker Pelargonium mirabilis

2nd Candy & Jerry Gardner Pelargonium alternans

Class 44 - Sarcocaulon

NOVICE

1st Lisa Brosseau Sarcocaulon herrei – **Best Succulent Novice**

APOCYNACEAE

Class 45 - Adenium

ADVANCED

1st Peter W Adenium swazicum - **Best in Show**

2nd Steve Salley Adenium seedling

3rd Lorie Johansen Adenium obesum

3rd Steve Salley Adenium swazicum hybrid



Class 46 - Pachypodium

INTERMEDIATE

1st Brita Miller Pachypodium lamerei

3rd Jerry Kahn Pachypodium lamerei miniature

ADVANCED

1st Peter W Pachypodium saundersii compacta

2nd Candy & Jerry Gardner Pachypodium rosulatum gracilis

2nd Steve Salley Pachypodium namaquenum

3rd Steve Salley Pachypodium brevicaulis

3rd D&J Craig Pachypodium eburneum

ASCLEPIADACEAE

Class 47 - Crispa, Fockea, Petopentia, Raphionacme

INTERMEDIATE

1st Jeannie Zonana Fockea edulis

ADVANCED

1st Peter W Fockea edulis

2nd Julian Duval Fockea edulis

3rd Lorie Johansen Fockea crispa

Class 48 - Caralluma, Hoodia, Huernia, Stapelia

NOVICE

1st Susan LaFreniere Huernia

2nd Lisa Brosseau Huernia 'Spotted Joe'

INTERMEDIATE

1st Jerry Kahn Staphelia gigantea

ADVANCED

1st Tina Zucker Pseudolithos cubiformis

AGAVACEAE

Class 49 - Agave

INTERMEDIATE

1st Brita Miller Mangave 'Bloodspot'

2nd Brita Miller Agave victoriae-reginae

3rd Leon LaFreniere Agave applanata 'Crème Spike'

ADVANCED

1st John Barkley Agave utahensis v. nevadensis

1st Phyllis Flechsig Agave victoriae reginae 'Snow Queen'

2nd Lorie Johansen Agave 'Kissho Kan'

2nd D&J Craig Agave marmorata

3rd Lorie Johansen Agave stricta

Class 50 - Nolina, Yucca, Beaucarnea, Calibanus

INTERMEDIATE

1st Neila Rybicki Calibanus hookeri

ADVANCED

1st Lorie Johansen Calibanus hookeri

ASTERACEAE

Class 51 - Senecio

INTERMEDIATE

1st Brita Miller Senecio

ADVANCED

1st Tina Zucker Senecio pendulus

Class 52 - Othonna

1st Peter W Othonna euphorbiodes

2nd Peter W Othonna herrei

3rd Lorie Johansen Othonna quercifolia x retrofracta

BURSERACEAE

Class 53 - Bursera

INTERMEDIATE

1st Mike Nelson Bursera fagaroides

DRACAENACEAE

Class 56 - Sansevieria

NOVICE

1st Susan LaFreniere Sansevieria gracilis

INTERMEDIATE

1st Annie Morgan Sansevieria Intermediate

2nd Brita Miller Sansevieria Intermediate

3rd Brita Miller Sansevieria Intermediate

ADVANCED

1st John Barkley Sansevieria

DIDIEREACEAE

Class 57 - Alluadia

ADVANCED

1st Julian Duval Alluadia comosa

2nd Phyllis Flechsig Alluadia comosa

MORACEAE

Class 59 - Ficus

NOVICE

1st Marcy Singer Ficus

ADVANCED

1st Julian Duval Ficus gigas

1st Peter W Ficus palmeri

2nd Tina Zucker Ficus arbutifolia

Class 60 - Dorstenia

ADVANCED

2nd Peter W Dorstenia gigas

3rd D&J Craig Dorstenia lavrani

PASSIFLORACEAE

Class 61 - Adenia

INTERMEDIATE

1st Neila Rybicki Adenia glauca

Class 62 - Avonia, Anacampseros, Ceraria, Portulacaria

ADVANCED

2nd Libbie Salley Avonia sp.

BROMELIACEAE

Class 63 – Abromaitellia, Dyckia, Hechtia, Deuterocohnia

NOVICE

1st Marcy Singer Dyckia goehring
2nd Pamela Dunlap Dyckia 'Red Devil'

INTERMEDIATE

1st Brita Miller Deuterocohnia brevifolia

ADVANCED

1st Steve Salley Dyckia
2nd Candy & Jerry Gardner Dyckia hebdingii

Class #64 - Tillandsia

INTERMEDIATE

1st Annie Morgan Tillandsia

PACHYCAUL SUCCULENTS (Fat Trunks [Cucurbits])

Class 65 - New World: Pachycormus, Pseudobombax, Fouquieria

ADVANCED

1st San Diego Botanic Garden Pseudobombax ellipticum
2nd Peter W Pachycormus discolor v. verteciariana
3rd Candy & Jerry Gardner Pseudobombax ellipticum

Class 66 - Old World: Adansonia, Sesamothamnus, Chyphostemma, Uncarina, Welwitschia

INTERMEDIATE

1st May Fong Ho Adansonia digitata baobab, from seed
1st John Tashjian Welwitschia mirabilis
2nd Jeannie Zonana Chyphostemma cirrhosum
3rd Jerry Kahn Chyphostemma juttae

ADVANCED

1st San Diego Botanic Garden Chyphostemma juttae
2nd John Barkley Welwitschia mirabilis

GEOPHYTES (Fat Base or Roots [Cucurbits])

Class 68 - Old World: Dioscorea, Ipomoea

NOVICE

1st Moni Waiblinger Ipomoea platensis

ADVANCED

1st Alejandro Cardenas Dioscorea – **Best Succulent Advanced**
1st Tina Zucker Zygocycos nova
2nd John Barkley Encephalartos horridus
3rd Tina Zucker Operculicarya decaryi
3rd Tina Zucker Senna meridionalis

Class 69- Bulbs

NOVICE

1st Charlyne Barad Eulophia petersii
2nd Moni Waiblinger Ledebouria pauciflora
3rd Patti Nelson Albuca 'Augrabies Hills'

OTHER SUCCULENTS

Class 70 - Variegates – 50% or ore variegation

INTERMEDIATE

1st Annie Morgan Euphorbia milli 'Fireworks' variegata

ADVANCED

1st Terry & Collette Parr Euphorbia milli 'Piñata' variegata
2nd Candy & Jerry Gardner Haworthia cymbiformis variegata
3rd D&J Craig Haworthia truncata variegata

Class 71 - Monstrose and Crests

NOVICE

1st Harold Dunn Euphorbia lactea crest

INTERMEDIATE

1st Leon LaFreniere Euphorbia lactea crest
2nd Neila Rybicki Euphorbia lactea grafted crest
3rd Jerry Kahn Euphorbia crest

ADVANCED

1st Tina Zucker Euphorbia mauritania crest
2nd Lorie Johansen Aeonium arboreum crest
2nd Tina Zucker Euphorbia obesa crest



Class 72 - Succulent Bonsai: a succulent plant presented in a bonsai style

NOVICE

1st Chris Barkley Pelargonium sp. bonsai
2nd Chris Barkley Pelargonium sp. bonsai

INTERMEDIATE

1st Brita Miller Crassula bonsai

ADVANCED

1st Candy & Jerry Gardner Operculicarya decaryi bonsai

DIVISION 3: OTHER

Class 74 - Collections, 5 - 10 plants, same genus, separate pots

INTERMEDIATE

1st Annie Morgan Sanseverias
2nd Regina Fernandez Haworthia

Class 75 - Theme Collection: different specimens with something in common - genus, form, color pots, or other attributes

INTERMEDIATE

1st May Fong Ho various, seed grown

Class 76 - Miniatures

INTERMEDIATE

1st Regina Fernandez Mammillaria prolifera

ADVANCED

1st John Barkley Rhipsalis
2nd Tina Zucker Haworthia zagoneta
3rd Lorie Johansen Cereus peruvianus monstrose

Class 77 - Grafted

INTERMEDIATE

1st Neila Rybicki Pachypodium brevicaule grafted
2nd Regina Fernandez Puna maihueniopsis grafted



Class 78 - All Other Genera

NOVICE

1st Susan LaFreniere Peperomia graveolens

ADVANCED

1st Phyllis Flechsig Brighamia insignis

DISH GARDENS

Class 79 - Anything goes: use of figurines or unusual pots. May be more than one genus &/or species - Creativity is encouraged

NOVICE

1st Susan LaFreniere Dish Garden - Pachyphytum oviferum

2nd Larry Bourget Dish Garden - in wood

INTERMEDIATE

1st Jeannie Zonana Dish Garden - Tillandsias

2nd Jeannie Zonana Dish Garden - Haworthias

ADVANCED

1st Lorie Johansen Dish Garden - Echeveria & Solanum

Class 80 - Natural Materials Only: may be multiple genus &/or species, and then rock(s), top dressing driftwood, etc. may be added

INTERMEDIATE

1st Eleanor Hewitt Dish Garden

ADVANCED

1st Peter W Dish Garden - Tylecodon

2nd John Barkley Dish Garden - 3 rubinistas

2nd John Barkley Dish Garden - Misc. Euphorbia horrida

3rd John Barkley Dish Garden - Cacti & Euphorbia



Class 81 - Single Genera: one or more species of one genus in one pot

INTERMEDIATE

1st Brita Miller Sansevieria

2nd May Fong Ho Aloe plicatilis - seed grown

ADVANCED

1st Kienan Parr Echinopsis bridgesii

3rd John Barkley Dish Darden - Euph. 'Corn Cob', cactus, etc.

Palomar Cactus & Succulent Society

The North San Diego County C & S Club!

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Bring form & check or cash to a meeting, or mail it in.

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Palomar Cactus & Succulent Society

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Brian Magone – Exchange Table

Lorie Johansen – Guest/New Member Ambassador

Chet Reed – Brag Plant Photographer

Nell McChesney – Name Tag Drawing Plants

2017 PCSS MEETING SCHEDULE ~ Speaker & Topic

~ Plant of the Month

November 18th – 3rd Saturday – Woody Minnich – The Secrets of Growing Quality Cacti and other Succulents

~ Your Favorite Plant

December 16th – 3rd Saturday – HOLIDAY PARTY!!!

~ GIFT PLANTS FOR YOU!

