

CACTUS COURIER

Newsletter of the Palomar Cactus and Succulent Society
The North San Diego County Cactus and Succulent Society

Volume 62, Number 11

November 2016

NEXT MEETING

Saturday, Nov. 19th

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

Brag plants, Exchange Table, Benefit Drawing

11:30am - 3:00pm

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REFRESHMENTS

- 1 - Lorie Johansen
- 2 - Julie Slater
- 3 - Janina Piehel Lebowitz
- 4 - Patti Nelson
- 5 - Neila Rybicki
- 6 - Charlyne Barad
- 7 - Karen Phillips
- 8 - Nancy Dunn
- 9 - Kim Bock
- 10 - Gloria Medina

Click here to visit our webpage:

www.palomarcactus.org

We're on Facebook!

This Month's Speaker

Brian Kemble

Gasteria: South Africa's Big Smile

Why have I called my program on *Gasteria* 'South Africa's Big Smile'? It's not because they look amusing, with their plump flowers and tongue-like leaves, but because the distribution of the genus is shaped like a big smile, starting near the Namibia-South Africa border in the northwest, extending down along the west coast and all the way across the southern part of the country, and then up the east coast to the Transvaal in the country's northeast. Gasterias are named for their pot-bellied flowers ("gaster" means stomach in Greek), which are generally pink to red-orange at the base, and green & white at the mouth. These plants are close relatives of *Aloe* and *Haworthia*, and crossed between these 3 groups are sometimes encountered. There are 25 recognized species in *Gasteria*, along with a number of subspecies and varieties, and all of them occur in South Africa, with a little spill-over into the neighboring countries at either end of the "smile". The talk will include lots of Habitat photos as well as pictures of plants in cultivation.





Brian Kemble is the Curator at the Ruth Bancroft Garden in Walnut Creek, CA, and he has worked there since 1980. He serves on the board of the CSSA, and is Vice-President of the San Francisco Succulent & Cactus Society as well as the VP of the Institute for Aloe Studies. He writes a monthly newspaper column for several Bay Area newspapers about drought-tolerant plants, and has written many articles on succulents for various publications, including the *Cactus & Succulent Journal*. He likes to travel to places where succulents grow so that he can see them and photograph them in habitat.

BOARD BRIEFS

FALL SHOW & SALE - Once again we had a great event! There were over 325 show plants entered, more novice and advanced than ever, and it was an incredibly diverse show with beautifully grown plants. Members and visitors alike were full of comments about the astonishing display. **In addition, our excellent vendor plants were very popular and sales were at their all-time high, up 35% from last year!!!** Due to Brita's meticulous planning, and all the amazing volunteers, the entire event ran smoother than ever. See p. 4 for Brita's comments.

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 point winners having first choice.

DECEMBER HOLIDAY PARTY - 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 the party to make sure you get a seat. There will be attendance and potluck sign-up sheets at the November meeting. See p. 3 for more information.

PLANT OF THE MONTH - *GASTERIA*

Gasterias are a small charming species and one of the easiest succulents to grow, so they are an ideal starting plant for the novice. With so many interesting hybrids available they are also great for more experienced collectors, too. They are stemless plants recognizable by their thick "tongue-shaped" leaves which range from an inch to over a foot in length. Most species prefer light shade and should be protected from hot sun and severe frost.

Please bring your Gasterias to share, and don't forget to enter them as Plant of the Month Brag Plants.

See p. 14 for more information and a list of the currently recognized Gasterias. This is the handout that will go with the speaker's talk so please print a copy if you would like to have one to follow.



Holiday Party ~ Saturday, December 17th

Mark your calendars now for this year's party! **Once again 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 21 new members who joined at our Show & Sale, our club is now at **192** members, up from 125 three years ago. If you miss signing up, please contact Brita. See her info on the back page.

Eleanore Hewitt will once again be cooking the turkey thighs - yeah Eleanore! Lorie Johansen will be cooking the turkey breasts, and Peter will be bringing ham. The rest of the menu is potluck so be sure to sign up at the November meeting.

There will be three plant gift tables – Member Plants, Volunteer Plants, and Brag Plant Prizes!

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 for centerpieces, and then starting at 10:30 help put them together.
- ~ Set-up and Serving – set-up starting @ 10:30, and people to help with serving to speed up the line.
- ~ Clean-up Crew - you know the drill. Many hands make light work!



PCSS CLUB T-SHIRTS By Annie Morgan

Our t-shirts sales are going well and we hope to see many people wearing them at our meetings. I will once again be taking orders at the November meeting, so if you missed ordering one in September check out the samples and place an order. Shirts are just \$15 for S-XL, and \$17 for XXL and up, plus tax.

Ladies, there were problems with some of your shirts being a bit smaller than the original samples. The printer will reprint these as needed at no cost to you. I will have new size samples at the November meeting. So, if your shirt was too small please return it to me (washed please), check the new samples, and let me now what I should reorder for you.

We had shirts for sale at our Show/Sale event and have a few left over that are for sale. The five ladies' shirts listed are the slightly smaller ones so depending on how you like yours to fit, you may need to go up a size. Please contact me if you'd like to reserve one of these to purchase on November 19th, or if you have any questions. See my contact information on the back page.

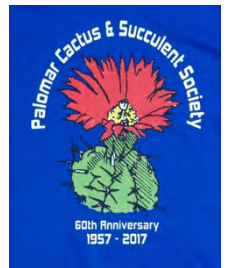
The sizes and colors that will be available for sale in November are:

WOMEN'S

- Gray w/red flower – Women's – S, S, S,
- Royal w/red flower – Women's – S, L

MEN'S

- Gray w/red flower – Men's – L, L, L, L
- White w/red flower – Men's – S, M, L
- Royal w/red flower – Men's – L, L, L
- Red w/white flower – Men's – M, L



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:

Vendors

- Tina Zucker as our Vendor Chair for coordinating with all the excellent vendors, and planning the vendor area setup. She keeps squeezing in more tables so we have more wonderful things to sell. She was and is a great help!

Sales

- Leon LaFreniere as the Sales Chair and Lead Cashier, who along with Susan LaFreniere worked both days!
- Winston and Heather Chan, plus Julie Kort, who braved the registers and scanners so we could have two registers going, Saturday, and for boxing and in general helping the customers with their purchases.
- Kudos to Carol McAllister for helping man the new PCSS club t-shirt table.

Setup and/or Breakdown

- Ethan Kolasinski, Jim Anderson, Kevin Smith, Richard Miller, Lorie Johansen, May Fong Ho, David Buffington, Annie Morgan, and others who were fantastic volunteers in efficiently doing all the necessary work – with smiles!

Show

- Annie, Lorie, May, Jean O'Daniel, Peter Walkowiak and others for helping ID Show plants and getting them in the right categories.
- Richard for picking up, setting up, and then returning the microphone system.
- Lorie, Annie and Mike Nelson for doing a great job clerking for our judges.
- Helena Fan (one of our newest members) for signing in exhibitors and numbering all plants for the People's Choice Award.
- Ruta Caldwell, Marcy Singer, Nell McChesney and Don Nelson kept the Show tables nice and tidy.
- Bob Schmutz for being our eagle eyed main security guy both days - always with a great smile.
- Mike and Annie as our main photographers.
- Woody Minnich and Kelly Griffin, our judges extraordinaire, deserve a special thank you for sharing their extensive knowledge as they worked their way around the room sharing many comments and tips as they completed the judging.

Welcome & Membership

- Francis Granger, Kathie Hoxsie, and Ginny March for welcoming people and manning the membership table.
- We have 21 new members (14 households) who joined at the event!!

Refreshments / Kitchen

- Sandy Wetzel-Smith and Bruce Barry for handling the food and refreshments for our volunteers, vendors and members.
- Thank you to all who brought in all the delicious food and helped out in the kitchen as needed.
- Cheers to Ron Chisum for making coffee Saturday morning, and to Ruta Caldwell for the great job in cleaning up at the end.

San Diego Botanic Garden

- For handing out our event flyers to everyone who entered the garden for several weeks in advance.
- Sam Beukema for all the logistical help including getting the needed tables for the Show and much else.
- Lisa Reynolds for getting the word out through her excellent list of publicity contacts.

Publicity

- Annie as Publicity Chair for creating the flyers, certificates, etc., and coordinating with Lisa Reynolds from San Diego Botanical Garden.

Tables

- Peter, Leon, and May for bringing in extras - there are never enough for all the misc. needs.

Thank you to all I've forgotten the names of, and the members and vendors who jumped in when they saw something needed to get done at various times throughout the weekend.

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

And from your Editor, HUGE THANKS TO BRITA for her incredibly thorough planning, and for 'bringing in 'everything but the kitchen sink' so that everything needed was at hand!



Thank You!

October 2016 Fall Show Winners



WINNER'S TABLE

Best Succulent Advanced Succulent Intermediate Best Succulent Novice

BEST IN SHOW



Julian Duval's
Operculycavia decaryi

Best Succulent Advanced



Peter Walkowiak's
Cereria namaquensis

Succulent Intermediate



Candy & Jerry Garner's
Euphorbia francoisii

Best Succulent Novice



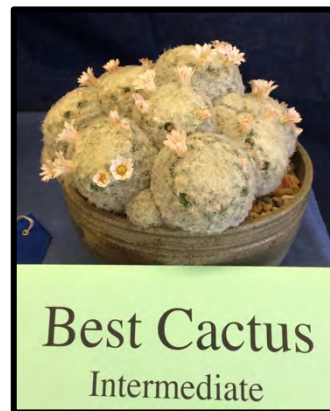
Mike Nelson's
Tylecodon paniculatus

Best Cactus Advanced



Phyllis Flechsig's
Copiapoa cinera v. haseltoniana

Best Cactus Intermediate



Lorie Johansen's
Mammillaria plumosa

Best Cactus Novice



Regina Fernandez's
Sulcorebutia arenacea

Judge's Choice Awards



**Left: Peter Walkowiak's
*Pachypodium saundersii***



**Right: Julian Duval's
Cussonia paniculata
in bloom**

People's Choice Award

This year we added a People's Choice Award to our Show. Over 100 people voted for 50 different plants out of the 325+ show plants. The winner was **Robert Kopfstein's** *Deuterocohnia brevifolia* which was over 30 years old. Congratulations Robert for a well grown plant!

The vote was very close, with **Laurie Johansen's** beautiful *Aeonium arboretum* winning 2nd place, and **Julian Duval's** (Best in Show – see previous page for photo) *Operculycavia decaryi* coming in 3rd.

Thank you to everyone who voted!



**Robert Kopfstein's
incredible
*Deuterocohnia brevifolia***



**Lorie Johansen's
*Aeonium arboretum***

Class #20 - Opuntioides

NOVICE

- 1st Tephrocactus articulatus v. papyracanthus - May Fong Ho
2nd Cylindropuntia chuckwallensis - David Buffington
2nd Tephrocactus articulatus - Dee Morgan
3rd Opuntia vulgaris - Ethan Kolasinski

INTERMEDIATE

- 1st Opuntia engelmannii - Jeannine Zonana
2nd Opuntia monacantha 'Variegata' - Jerry Kahn
3rd Opuntia - Jerry Kahn

ADVANCED

- 1st Tephrocactus articulatus papyracanthus - Peter Walkowaik
2nd Opuntia papyracanthus - Robert Kopfstein
3rd Micropuntia pygmaea - Brian Shepard
3rd Micropuntia tuberculosihopalica - Brian Shepard

Class #21 - Epiphytic Cactus

INTERMEDIATE

- 1st Rhipsalis cereuscula - Brita Miller

Class #22 - Variegates, Montrose and Crests

ADVANCED

- 1st Leuchtenbergia principis - Peter Walkowaik

Class #23 - Escobaria, Astrophytum

ADVANCED

- 1st Astrophytum asterias - Brian Shepard
2nd Escobaria sneedii - Brian Shepard

DIVISION 2: NON CACTUS SUCCULENTS

MESEMBRYANTHEMACEAE

Class #24 - Lithops, Conophytum

NOVICE

- 1st Conophytum bilobum - Regina Fernandez

ADVANCED

- 1st Conophytum ficiforme - John Matthews
1st Lithops bromfieldii - Peter Walkowaik
2nd Lithops olivacea - John Matthews
2nd Lithops leslei - John Matthews
2nd Conophytum elisae - Terry & Collette Parr
3rd Lithops leslei - John Matthews

Class #25 - Pleiospilos, Titanopsis, Dinteranthus, Faucaria

INTERMEDIATE

- 1st Titanopsis fulleri - Jerry & Candy Garner

Class #26 - Mestoklema, Aloinopsis, Trichodiadema

INTERMEDIATE

- 1st Mestoklema tuberosa - Lorie Johansen
2nd Trichodiadema bulbosum - Jerry Kahn

ADVANCED

- 1st Monilaria moniliformis - Phyllis Flechsig
2nd Mestoklema tuberosa - Mitch Bahr
3rd Trichodiadema bulbosum - Tina Zucker

LILIACEAE

Class #27 - Aloe

NOVICE

- 1st Aloe pictifolia - Lisa Brosseau
2nd Aloe - Ethan Kolasinski
3rd Aloe - Ethan Kolasinski

INTERMEDIATE

- 1st Aloe parvula - Candy & Jerry Garner
2nd Aloe woodii - Brita Miller

ADVANCED

- 1st Aloe dorotheae - Phyllis Flechsig
2nd Aloe jaws - Phyllis Flechsig
3rd Aloe variegata tiger aloe - Robert Kopfstein
3rd Aloe bright ember - Robert Kopfstein



Class #28 - Gasteria, Astroloba

NOVICE

- 1st Gasteria - Lisa Brosseau
2nd Gasteria batesiana - Ethan Kolasinski

INTERMEDIATE

- 1st Gasteraloe green ice - Brita Miller

ADVANCED

- 1st Gasteria bicolor variegata - Terry & Collette Parr

Class #29 - Haworthia

NOVICE

- 1st Haworthia herrei - Regina Fernandez
2nd Haworthia species - Ethan Kolasinski

INTERMEDIATE

- 1st Haworthia emelydae var. major - Candy & Jerry Garner
2nd Haworthia emelydae var. comptoniana - Jerry & Candy Garner
3rd Haworthia species - Annie Morgan

ADVANCED

- 1st Haworthia emelydae - Kienan Parr
2nd Haworthia reinwardtii - Mitch Bahr
3rd Haworthia species - Tina Zucker



CRASSULACEAE

Class #30 - Cotyledon, Tylecodon

NOVICE

- 1st Tylecodon paniculatus - Mike Nelson
1st Tylecodon bucholziana - Dee Morgan

INTERMEDIATE

- 1st Tylecodon paniculatus - Lorie Johansen

ADVANCED

- 1st Tylecodon paniculatus - Peter Walkowaik

Class #31 - Crassula, Kalanchoe

NOVICE

- 1st Kalanchoe synsepala - Susan LaFreniere
3rd Crassula socialis - Lisa Brosseau

INTERMEDIATE

- 1st Crassula gollum - Brita Miller
2nd Crassula perforata - Brita Miller

ADVANCED

- 1st Kalanchoe species - Tina Zucker
2nd Crassula baby's necklace - Terry & Collette Parr
3rd Kalanchoe arborescens - Robert Kopfstein

Class #33 - Echeveria

NOVICE

- 1st Echeveria minima - Lisa Brosseau
2nd Echeveria spruce oliver - Regina Fernandez
3rd Echeveria pulvinata - Ethan Kolasinski

INTERMEDIATE

- 1st Echeveria pulvinata - Brita Miller
2nd Echeveria agavoides lipstick - Lorie Johansen
2nd Echeveria agavoides - Leon LaFreniere
3rd Echeveria - hybrid - Brita Miller

ADVANCED

- 1st Echeveria raindrops - Tina Zucker
2nd Echeveria agavoides ebony - Tina Zucker
3rd Echeveria lengus - Tina Zucker



Class #34 - Pachyphytum, Graptopetalum, Tacitus, Adromischus, Sedum

NOVICE

1st Adromischus maculatus - Dee Morgan

INTERMEDIATE

1st Sempervivum pacific blue - Eleanore Hewitt

Class #35 - Aeonium

NOVICE

1st Aeonium kiwi - David Buffington

2nd Aeonium tip top - Regina Fernandez

INTERMEDIATE

1st Aeonium arboretum - Lorie Johansen

2nd Aeonium leucoblepharum - Brita Miller

3rd Aeonium sunburst - Brita Miller

3rd Aeonium - Brita Miller



EUPHORBIACEAE

Class #36 - With Leaves, no spines: decaryi, bupleurifolia

NOVICE

1st Euphorbia - Ruta Caldwell

INTERMEDIATE

1st Euphorbia francoisii - Candy & Jerry Garner

3rd Euphorbia decaryi spirosticha - Annie Morgan

ADVANCED

1st Euphorbia poisonii - Peter Walkowiak

2nd Euphorbia millotii - Peter Walkowiak

3rd Euphorbia decaryi - Phyllis Flechsig

3rd Euphorbia decaryi - Robert Kopfstein

3rd Euphorbia clandestine - Tina Zucker

Class #37 - With Leaves and spines: milii, viquieri, unispina

INTERMEDIATE

1st Euphorbia pachypodia - Jerry Kahn

2nd Euphorbia hedyotoides - Jerry Kahn

2nd Euphorbia neohumbertii - Jerry Kahn

ADVANCED

1st Euphorbia gotteibii - Peter Walkowiak

2nd Euphorbia millii species - Mitch Bahr

Class #38 - No leaves or spines: caput-medusa, inermis

NOVICE

1st Euphorbia caput-medusa - Ron Bales

INTERMEDIATE

1st Euphorbia meloformis - Jerry & Candy Garner

2nd Euphorbia obesa - Lorie Johansen

3rd Euphorbia polygona cv snowflake - Lorie Johansen

ADVANCED

1st Euphorbia platyclada - Peter Walkowiak

1st Euphorbia hybrid - Peter Walkowiak

2nd Euphorbia medusa hybrid - Peter Walkowiak

3rd Euphorbia medusa hybrid - Peter Walkowiak

3rd Euphorbia flanaganii medusa - Tina Zucker



Class #39 - Spines, no leaves: stellispina, horrida, stellate, clavigera

NOVICE

1st Euphorbia mammillaris variegata - Ethan Kolasinski

2nd Euphorbia - Ethan Kolasinski

3rd Euphorbia stenoclada - Don Nelson

INTERMEDIATE

1st Euphorbia knuthii - Jerry Kahn

Class #40 - Jatropha, Monadenium, Pedilanthus

NOVICE

1st Pedilanthus bracteatus - May Fong Ho

GERANIACEAE

Class #41 - Pelargonium

INTERMEDIATE

1st Pelargonium alternans - Jerry & Candy Garner

2nd Pelargonium carnosum - Lorie Johansen

ADVANCED

1st Pelargonium carnosum - Peter Walkowiak

2nd Pelargonium carnosum sp. nova - Mitch Bahr

Class #42 - Sarcocaulon

ADVANCED

1st Sarcocaulon camdeboense - Peter Walkowiak

2nd Sarcocaulon vanderietiae - Mitch Bahr

APOCYNACEAE

Class #43 - Adenium

NOVICE

1st Adenium shada - Dee Morgan

ADVANCED

1st Adenium swazicum - Peter Walkowiak

2nd Adenium swazicum - Steve Salley

2nd Adenium arabicum shada - Peter Walkowiak

3rd Adenium obesum - Steve Salley

Class #44 - Pachypodium

INTERMEDIATE

1st Pachypodium - Jerry Kahn

2nd Pachypodium saundersii - Don Nelson

ADVANCED

1st Pachypodium saundersii - Peter Walkowiak

2nd Pachypodium succulentum var. griseus - Mitch Bahr

3rd Pachypodium rosulatum - Steve Salley

ASCLEPIADACEAE

Class #45 - Fockea, Petopentia, Raphionacme

NOVICE

1st Matelea cyclophylla - David Buffington

2nd Fockea edulis - Dee Morgan

INTERMEDIATE

1st Fockea crispa - Lorie Johansen

Class #46 - Caralluma, Hoodia, Huernia, Stapelia

INTERMEDIATE

1st Stapelia gigantea - Jerry Kahn

2nd Hoodia pilifera - Lorie Johansen

ADVANCED

1st Larryleachia cactiforme - Tina Zucker

AGAVACEAE

Class #47 - Agave

NOVICE

- 1st Agave cream spike - Nell McChesney
2nd Agave Cornelius - Lisa Brosseau

INTERMEDIATE

- 1st Agave lophantha quadricolor - Joe Wujcik
2nd Agave lophantha quadricolor - Lorie Johansen
3rd Agave mangave bloodspot - Jeannie Zonana
3rd Agave potatorum - Lorie Johansen

ADVANCED

- 1st Agave Americana variegata - Robert Kopfstein
2nd Agave victoriae - reginae variegata - Robert Kopfstein
2nd Agave victoriae - reginae - Robert Kopfstein



Class #48 - Nolina, Yucca, Beaucarnea, Calibanus

NOVICE

- 1st Beaucarnea gracilis - Steve Rybicki
2nd Calibanus hookeri - Steve Rybicki

INTERMEDIATE

- 1st Calibanus hookeri - Lorie Johansen

ASTERACEAE

Class #49 - Senecio

INTERMEDIATE

- 1st Senecio species - Brita Miller

ADVANCED

- 1st Senecio pendulus - Tina Zucker
2nd Senecio barbertonicus - Phyllis Flechsig

Class #50 - Othonna

ADVANCED

- 1st Othonna Herrei - Mitch Bahr

BURSERACEAE

Class #51 - Bursera

INTERMEDIATE

- 1st Bursera fagaroides - Lorie Johansen

ADVANCED

- 1st Bursera fagaroides - Peter Walkowaik

Class #52 - Commiphora, Boswellia

ADVANCED

- 1st Commiphora species - Peter Walkowaik

DRACAENACEAE

Class #54 - Sansevieria

NOVICE

- 1st Sansevieria gracilis - Susan LaFreniere

INTERMEDIATE

- 1st Sansevieria masoniana - Brita Miller
2nd Sansevieria - Annie Morgan
3rd Sansevieria - Brita Miller



ADVANCED

- 1st Sansevieria cv white striped giant - Robert Kopfstein
2nd Sansevieria suffruticosa - Mitch Bahr

MORACEAE

Class #57 - Ficus

INTERMEDIATE

- 1st Ficus - Annie Morgan

ADVANCED

- 1st Ficus palmeri - Peter Walkowaik
2nd Ficus petiolaris - Peter Walkowaik

PASSIFLORACEAE

Class #59 - Adenia

INTERMEDIATE

- 1st Adenia spinose - Jerry & Candy Garner

ADVANCED

- 1st Adenia ovata - Peter Walkowaik

Class #60 - Avonia, Anacampseros, Ceraria, Portulacaria

INTERMEDIATE

- 1st Portulacaria afra variegata - Brita Miller

ADVANCED

- 1st Cereria namaquensis - Peter Walkowaik
2nd Cereria fruticulosa - Mitch Bahr

BROMELIACEAE

Class #61 - Dyckia, Hechtia, Deuterocohnia, Abromaitellia

NOVICE

- 1st Hechtia - Ruta Caldwell

INTERMEDIATE

- 1st Deuterocohnia bromeliaceae - Brita Miller

ADVANCED

- 1st Deuterocohnia brevifolia - Robert Kopfstein
2nd Hechtia aff. argentea - Robert Kopfstein
2nd Hechtia rosea - Robert Kopfstein
3rd Dyckia - Steve Salley
3rd Hechtia pretiosa - Robert Kopfstein
3rd Hechtia argentea - Robert Kopfstein



PACHYCAUL SUCCULENTS (Fat Trunks [Cucurbits])

Class #63 - New World: Pachychormus, Fouquieria, Bombax

NOVICE

- 1st Operculicarya - Dee Morgan

ADVANCED

- 1st Bombax ellipticum - Mitch Bahr
2nd Pachychormus discolor - Mitch Bahr
3rd Sinningia micans - Libbie Salley

Class #64 - Old World: Adansonia, Sesamothamnus, Chyphostemma

NOVICE

- 1st Operculicarya - Dee Morgan

ADVANCED

- 1st Operculicarya decaryi - Julian Duval
1st Cussonia paniculata - Julian Duval
2nd Uncarina roeoesliana - Peter Walkowaik
3rd Myrmecodia tuberosa - Tina Zucker

GEOPHYTES (Fat Base or Roots [Cucurbits])

Class #65 - New World: Ibervillea, Marah

ADVANCED

1st Ibervillea san luis potosi - Peter Walkowaik

Class #66 - Old World: Dioscorea, Ipomoea

ADVANCED

1st Gerrardanthus macrorrhizus - Phyllis Flechsig
2nd Kedrostis africana - Peter Walkowaik
3rd Gerrardanthus macrorrhizus - Libbie Salley

Class #67- Bulbs

INTERMEDIATE

1st Scilla - Jerry Kahn

ADVANCED

1st Urginea maritima - Mitch Bahr
2nd Albuca namaquensis - Tina Zucker
3rd Veltheimia capensis - Phyllis Flechsig

DIVISION 3: OTHER

Class #68 - Variegates, Monstrose and Crests

NOVICE

1st Euphorbia lactea cristata variegata - Regina Fernandez

INTERMEDIATE

1st Euphorbia lactea crest - Leon LaFreniere
2nd Aeonium arboretum - Lorie Johansen
3rd Euphorbia spiralis - Jerry Kahn

ADVANCED

2nd Euphorbia milli varigata - Mitch Bahr
3rd Euphorbia obesa crest - Tina Zucker



Class #69 - Succulent Bonsai: a succulent plant presented in a bonsai style

NOVICE

1st Operculicarya decaryi - Regina Fernandez

INTERMEDIATE

1st Operculicarya decaryi - Candy & Jerry Garner
1st Portulacaria afra - Lorie Johansen
2nd Crassula bonsai - Brita Miller
3rd Crassula bonsai - Brita Miller

ADVANCED

1st Operculicarya decaryi - Mitch Bahr
2nd Fouquieria purpusii - Mitch Bahr

Class #71 - Collections, 5 to 10 plants, same genus, separate pots

INTERMEDIATE

1st Crassula - Brita Miller
2nd Sansevieria - Annie Morgan

ADVANCED

1st Euphorbia - Mitch Bahr

Class #73 A- All Other Genera

ADVANCED

1st Brighamia insignis - Phyllis Flechsig
2nd Cussonia spicata - Mitch Bahr

Class # 73 B – Miniatures

NOVICE

1st Sedum - Ethan Kolasinski

ADVANCED

1st Escobaria sneedii - Brian Shepard

DISH GARDENS

Class #74 - Anything goes: use of figurines or unusual pots. More than one plant species

INTERMEDIATE

1st Dish Garden - Jim Anderson

2nd Dish Garden - Jerry Kahn
3rd Dish Garden - Jeannie Zonana

ADVANCED

1st Dish Garden - Phyllis Flechsig

Class #75 - Multiple Genera or Species: arrangement of succulent plants in an appealing way. Only natural materials, rocks, gravel, driftwood, etc.

NOVICE

1st Dish Garden - Belen Bourget
2nd Dish Garden - Ethan Kolasinski
3rd Dish Garden - Steve Rybicki

INTERMEDIATE

1st Dish Garden - Lorie Johansen
2nd Dish Garden - Eleanore Hewitt
2nd Dish Garden - Lorie Johansen
3rd Dish Garden - Eleanore Hewitt

ADVANCED

1st Dish Garden - Mitch Bahr
2nd Garden - Mitch Bahr
3rd Dish Garden - Mitch Bahr

Class #76 - Single Genera: 2 or more species of one genus in one pot

INTERMEDIATE

1st Dish garden - Lorie Johansen
2nd Kalanchoe Dish Garden - Brita Miller

NOVICE

1st Dish Garden - Ethan Kolasinski
2nd Dish Garden - Pat Hammer

DIVISION 4 – SUCCULENT ART



Brian Shepherd's Watercolor of a Neoporteria

Class #77 - Photography of Succulents

NOVICE

1st Succulent Art - Tway Huynh

Class #78 - Art: paintings, drawings, carvings

ADVANCED

1st Neoporteria - Brian Shepard

Class #79 - Art made with succulent plants, or materials derived from them.

NOVICE

1st Topiary - Hammer



Ron Bales - First show and first blue ribbon with his beautiful Euphorbia!



Top - Driftwood Dish Garden by Belen Bell,
Left - Eleanore Hewitt's lovely Dish Garden.



Left: Jerry Kahn's 3' foot
Staphelia!
Below: Lithops and
Conophytums galore!



Jim Anderson's incredible 2' x 4' Dish Garden!



Bringing 25 show plants takes hard work, and a helper's truck. Lorie Johansen and new member extraordinaire, Ethan Kolasinski.



Francis Granger working at the Membership table. We had 21 new members join!



Saturday morning line at the registers!
Leon LaFreniere, Treasurer and Lead Cashier is hidden among customers.



Saturday morning sales were brisk and our sales were up 35% over 2015!



Annie Morgan selling our new Club T-shirt!

Palomar Cactus & Succulent Society

The North San Diego County C & S Club!

Membership Application

Membership: Please ✓ a category:

New Member _____ OR Renewal _____

_____ Annual dues w/color email newsletter \$20

_____ Additional Household Members + \$ 5

_____ Engraved PCSS Name Badge + \$ 6

Total _____

PLEASE PRINT! We must be able to read it!

Name(s) _____

Address _____

City/State _____ Zip _____

Phone # _____

Email _____

Membership Directory: Please ✓ which, if any, we may include:

_____ Phone # _____ Email _____ City _____ OR _____ None

Disclaimer: This directory is for the use of members only and may not be shared, etc.

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

Make checks payable to PCSS.

Credit cards accepted at meetings.

PCSS P.O. Box 840, Escondido, CA 92033

Palomar Cactus & Succulent Society

BOARD OF DIRECTORS

Peter Walkowiak – President & Co-Program Chair

• hciservices@gmail.com

Brita Miller – Vice-President, Show Chair, Event Coordinator

• eventcoordinator@palomarcactus.org

Leon LaFreniere – Treasurer, Membership

• info@palomarcactus.org

Annie Morgan – Secretary, Co-Program Chair, Publicity,

Website, Newsletter Editor (paid position)

info@palomarcactus.org

Francis Granger – Board Member, Member/Guest Ambassador

Mike Nelson – Board Member, Brag Table Points

Carol McAllister – Board Member, Monthly Meeting Volunteer

• • • • •

OTHER VOLUNTEERS

Vicki Martin – Co-Librarian

Bruce Barry & Sandy Wetzel-Smith – Refreshments

Dennis Miller – Plant Sales & Benefit Drawing

Tina Cord – Meeting Setup, etc.

Brian Magone – Exchange Table

Lorie Johansen – Guest/New Member Ambassador

Chet Reed – Brag Plant Photographer

Nell McChesney – Name Tag Drawing Plants

May Fong Ho - Website

The San Diego Cactus & Succulent Society presents its...

2017 Winter Show and Sale

Saturday, February 11th

10:00 am - 4:00 pm

Members Only shopping from 9:00 - 10:00 am

Room 101 and Adjacent Patio area

Casa del Prado, Balboa Park

FREE Event!
Open to
the Public

The Show

Unusual and Exotic Plants on Display
Highlighting Winter Growers from around the World
Novice, Intermediate, & Expert Growers

Plant and Pottery Sale

Small Plants & Specimen Plants
Landscape Plants for Arid Gardens
Beautiful Handmade Pottery



Euphorbia buruana grandicornis
by Peter Walkowiak

For additional information visit: www.sdcss.net

2016 PCSS MEETING SCHEDULE

DATE	SPEAKER	TOPIC	PLANT OF THE MONTH
19 November	Brian Kemble	Gasterias	Gasteria
17 December		Holiday Party!	GIFT PLANTS FOR ALL



Fall Succulent Centerpiece
Photo by Succulent Solutions

INTRODUCTION TO GASTERIAS By Annie Morgan **GASTERIA LIST** By Brian Kemble

Though slow growing, Gasterias are a small charming species and one of the easiest succulents to grow, thus they are an ideal starting plant for the novice. They are related to Aloes and are named for their stomach-shaped flowers ("gaster" is Latin for "stomach"). Gasterias have been cultivated since the late 1700s, and were first described in the late 1600s by the Dutch East India Co. Early man used them as food, and for medicinal and magical purposes.

Native to the Southern African region, they receive erratic rainfall and evolved as drought-resistant, shade-loving and shallow-rooted succulents. They are easily recognizable by their thick, hard, succulent tongue-shaped leaves, which range from an inch to over a foot in length, and by their belly-shaped orange-pink flowers which are on curved branches that may be up to 12 times longer than the height of the plant. Hummingbirds love their nectar and are frequent visitors to Gasteria flowers.

Most Gasterias are small and shallow rooted and range in height from ¾" to 24 inches tall. They are stemless, and over time most species' leaves become spirally arranged or form rosettes. Many have leaf spots, often in transverse bands. Water is stored in their thick succulent leaves, which become deeply channeled during drought, but recover rapidly after rainfall. Flowering is mainly in winter and spring.

Cultivation: In nature Gasterias grow mainly in well-drained humus-rich, sandy and sandy-loamy soil on dry rocky hillsides under taller shrubs. In cultivation they adapt to a variety of soil types and grow well in pots or in the garden. Because of their small size it is possible to build a rewarding collection even in limited space. Their flowers are similar in size regardless of plant size so the smaller the plant the more striking the flowers. Most species prefer light shade and should be protected from the hot sun and severe frost. When given more sun they become more colorful, but they are sensitive to sunburn and unexpected hotter than normal sun for even a short time can cause damage. Water no more than once a week, and less frequently in winter. Almost any pot is suitable if it provides sufficient drainage. Repot plants every 3 to 4 years, trimming back the roots when doing so. Well-fed plants are more resistant to disease, so liquid fertilizer such as kelp should be added 2-3 times a year when watering. Because Gasterias tolerate low light they make excellent indoor plants.

Propagation: Pups form naturally at the base of most plants and rapidly increase in size in most species. If they develop into a dense cluster they may be divided using a sharp knife any time of year, but summer is recommended. Leaf cuttings may be taken at any time of year, but will grow faster in summer. When taking leaf cuttings, the lower leaves may be removed without damaging the point of removal or causing it to look unsightly. From a healthy mature plant hold a lower leaf securely in your right hand while holding the plant in your left hand. Pull the lower leaf sideways towards you and it should detach at the base with minimal damage. Place it in a slightly horizontal position with the base lightly covered with soil. Keep it moist, and when the leaf become firm it is a sign rooting has taken place, usually within a few weeks. Cuttings will soon grow pups and may be planted out after a year or two. Seed propagation is also common and relatively easy.

Pests/Disease: Leaves can be prone to unsightly black spots, which may be discouraged by providing good air circulation and avoiding humidity and condensation. The black spots will not spread and are the result of the plant sealing off damage, or fungal infection, which oxidizes to a dark color. Pests are rarely a problem with clean and correct gardening practice, but do watch out for mealy bug infestations.

Species: Dividing Gasteria into species is extremely difficult as each plant can be highly variable. One plant will look different depending on its location, soil, and age, and young Gasteria plants typically look entirely different from older specimens. There is disagreement on how many species exist in nature. The list below is in west to east order as they will be presented by Brian.

Gasteria pillansii var. pillansii	Gasteria vlokii	Gasteria bicolor var. liliputana
Gasteria pillansii var. ernesii-ruschi	Gasteria barbae	Gasteria baylissiana
Gasteria pillansii var. hallii	Gasteria polita	Gasteria doreeniae
Gasteria retusa	Gasteria rawlinsonii	Gasteria excelsa
Gasteria disticha var. disticha	Gasteria glauca	Gasteria huttoniae
Gasteria disticha var. langebergensis	Gasteria glomerata	Gasteria loedolffiae
Gasteria disticha var. robusta	Gasteria ellaphieae	Gasteria croucheri ssp. croucheri
Gasteria carinata var. carinata	Gasteria pulchra	Gasteria croucheri ssp. Pondoensis
Gasteria carinata var. verrucosa	Gasteria nitida	Gasteria croucheri ssp. Pendulifolia
Gasteria carinata var. glabra	Gasteria armstrongii	Gasteria tukhelensis
Gasteria thunbergii	Gasteria acinacifolia	Gasteria batesiana var. batesiana
Gasteria brachyphylla var. brachyphylla	Gasteria bicolor var. bicolor	Gasteria batesiana var. dolomitica
Gasteria brachyphylla var. bayeri	Gasteria bicolor var. fallax	

Resources:

pza.sanbi.org/search?s=gasteria – very detailed information about each species, plus photos
succulent-plant.com/families/aloaceae/gasteria.html – good selection of photos
davesgarden.com/guides/articles/view/2915/#b – article about gasterias
search.fotki.com/?q=Gasteria – many gasteria photos
succulentguide.com/cactus/?genus=Gasteria – This is an incredible site for all succulents/cacti!