

# THE OFFSET



## Central Oklahoma Cactus and Succulent Society

**JANUARY 2018**

*Editor: Rosario Douglas*



**Meeting time:** 7:00 pm Third Thursday of the month.

**Location:** Will Rogers Garden Center, Oklahoma City

*Echinocereus reichenbachii subsp. baileyi*  
in the Wichita Mountains NWR, Oklahoma.  
Photo by Mike Douglas.

**[Oklahomacactus.com](http://Oklahomacactus.com)**

## January 18 meeting

### Exploring our club's library

**Moderators:** Matt Baginski, Mike Douglas, Mark Dittmar, Robert Millison. *"All members will participate"*

**Time:** 7:00 pm

**Refreshments:** Rosario Douglas

**Place:** Will Rogers Exhibition Center 3400 NW 36th, Oklahoma City



## CENTRAL OKLAHOMA CACTUS AND SUCCULENT SOCIETY

[Oklahomacactus.com](http://Oklahomacactus.com)

January 2018



### New Year's message

*Rosario Douglas Vice-president  
(acting president)*

Happy New Year everyone!

Hope you and your plants survived the nasty taste of winter weather we recently experienced.

The Holiday Season is behind us and I should mention that the Christmas party was well attended with 22 members participating.

I would like to remind all of you that if you do any volunteer work at the gardens you need to sign in at either the office or the greenhouse. Before you do any work there it is best to ask if it is ok to do whatever you are planning to do. There are some new rules in place and basically many items - such as applying fertilizer, pesticides to the plants, among others, require that you get authorization first. When in doubt just ask at the office.

Finally as you all know we are having elections at the January 18<sup>th</sup> meeting. All offices of the board (President, Vice-President,

Treasurer and Secretary) are up for either election or reelection. The President's office is currently vacant although I am the acting President for the moment. I plan to step down and to run for the President's office. The candidates are:

**President** Rosario Douglas

**Vice-president** Roberta Rowland

**Secretary** Robert Millison

**Treasurer** Mark Dittmar

The non-board positions: Joyce Hochtritt will continue to be our **CSSA club affiliate**

Matt Baginski will become our new **librarian** at the January meeting

All of you are encouraged to consider running for office or you can nominate a member at the meeting. Remember that in order to vote you must be a member in good standing (dues paid for 2018). Hope to see you at the meeting.

Rosario Douglas

Vice-President





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**\*\*\*REMEMBER TO RENEW YOUR MEMBERSHIP,  
IT IS DUE IN JANUARY \*\*\***

YOU CAN USE THE FORM WE POSTED IN PREVIOUS NEWSLETTERS OR YOU CAN DOWNLOAD THE FORM FROM OUR [WEBSITE](http://Oklahomacactus.com) (go to the JOIN tab and download the form)



For a variety of subjects about succulents and for pictures like the one on the left follow the club's [Facebook](https://www.facebook.com/ano_tsosecretgarden/) page.

Hundreds of *Echeveria imbricata* were used to create this giant lizard. From: [https://www.facebook.com/ano\\_tsosecretgarden/](https://www.facebook.com/ano_tsosecretgarden/)

Board meeting on January 21st at **the Myriad Gardens**. Time 11AM until ???

All members are welcome but we do have a full agenda and will try to follow it closely. If there are any items you would like to see discussed let me know and we will include them.





## CENTRAL OKLAHOMA CACTUS AND SUCCULENT SOCIETY

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### 2017 Christmas Party

On December 21<sup>st</sup> 22 members gathered at the Salt Grass Steak House in Oklahoma City to participate in our annual Christmas Party. All had a chance to play dirty Santa and acquire interesting gifts.







## CENTRAL OKLAHOMA CACTUS AND SUCCULENT SOCIETY

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### About the CSSA (Cactus and Succulent Society of America)



*Dear members and especially new members:* The next page has a summary of articles that appeared in the Sept-October issue of the CSSA journal.

These summaries are being provided to all club editors to share with their members to promote awareness about the CSSA.

The [CSSA](#) is the main non-profit national organization dedicated to the hobby of growing cacti and other succulent plants and it has been in existence since 1929. Most cactus clubs in the USA are affiliated with the CSSA. Our CSSA club affiliate (representative) is member Joyce Hochtritt.

Aside from organizing biennial conventions where there are many speakers and vendors, the CSSA also produces a journal 6 times a year.

Anyone with an interest in this hobby can [join](#). Your fees entitle you to receive the CSSA journal. Our club subscribes to the CSSA Journal and we have many journals in our club's library that you, as a member, can browse or check out during our meetings.



## CENTRAL OKLAHOMA CACTUS AND SUCCULENT SOCIETY

### CSSA JOURNAL SEPTEMBER-OCTOBER 2017 Synopsis of Selected Articles

#### **A new species of *Aloe* from the Lúrio Waterfalls in Mozambique**

Authors Tom A. McCoy, Antonius JH Rulkens and Obety Baptista introduce and describe *Aloe argentifolia*, a new species with silvery-grey leaves that grows in the isolated, mid-river rock outcroppings in the Lúrio River Cataract of northeastern Mozambique. This species with decumbent stems has leaves that turn reddish during the dry season. The flowers are red to reddish orange. *A. argentifolia* is compared to *A. mawii*. It is the seventh described endemic aloe of Mozambique.

#### **An introduction to cactus areoles part II**

In this eleven-page, well-illustrated article, James D. Mauseth discusses spines, glochids, the shoot apical meristem of an areole and diversity of areoles on an individual plant. Among the many interesting observations made, the author writes that “most cactus spines...seem smooth, but studies with scanning electron microscopy show that in many species, the spine epidermis is rough, knobby, or cracked.” In discussing glochids, he states that they “occur only in subfamily Opuntioideae, no other cacti have them” and continues, “Most opuntoid areoles produce their complement of normal spines first then switch to producing glochids afterward”. In one of his concluding remarks the author comments “For students looking for research projects, I recommend studying the growth and development of cactus areoles. They are so diverse throughout the family that they must hold many clues about cactus evolution and ecology.”

#### **Book Review: “The genus *Ceropegia*”**

Tim Harvey reviews “The genus *Ceropegia*” by Dennis de Kock, a book of 62 pages, over 350 color photos and 23 distribution maps. This book includes two chapters on taxa, a chapter in which species are listed alphabetically with images, a chapter containing maps, a chapter on cultivation which includes a section on grafting, and ends with a bibliography. Although the chapters on species and on maps could be improved, Tim considers this volume an invaluable resource as a reference and recommends that clubs acquire a copy for their library.

#### **Book Review: “Succulents in cultivation – breeding new cultivars”**

Tim Harvey reviews this massive tome of 248 pages by Gordon D. Rowley, with over 400 photos and illustrations of succulent cultivars. As stated in the review, “hybrids are now everywhere and here to stay”. The first part of the book is complimented for its many “useful areas, from taxonomy to evolution, genetics and cultivation”. The second part of the book presents chapters on succulent plant families, starting with Cactaceae, followed by Crassulaceae, both of which receive ample treatment. Following these are chapters on the many other succulent genera. Tim notes that the Epilogue is of interest due to its mixture of pictures of bizarre plants from various families. The bibliography and index at the end will be useful. Pictures of some of the well-known hybridizers and the fact that the quality of the paper and printing is excellent and the binding strong round out the attributes of this book which receives a well-deserved recommendation.





## CENTRAL OKLAHOMA CACTUS AND SUCCULENT SOCIETY

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Here is an interesting mix of photos for this month. **A.** Our youngest member Kaylee playing Felipe, the lonely cactus from the wonderful story: “**Hug me**” by Simona Ciarolo.

**B.** Rare form of *Cereus forbesii* from Brazil.

**C.** Winter wonderland, photo taken by Fred Hill in 2013.

You can see these and more on the club’s [Facebook](#) page.





## CENTRAL OKLAHOMA CACTUS AND SUCCULENT SOCIETY

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### Happenings

*Joyce Hochtritt and Rosario Douglas*

January 18 COCSS Meeting & Program – 7:00 pm – Will Rogers Exhibition Center

Program: Exploring our club's library by Moderators and members

Refreshments: *Rosario Douglas*

February 15 COCSS Meeting & Program – 7:00 pm – Will Rogers Exhibition Center

Program: To be announced

Refreshments: *Peggy Anglin*

March 15 COCSS Meeting & Program – 7:00 pm – Will Rogers Exhibition Center

Program: To be announced

Refreshments: *Sarah Kramer*

April 14-15 Austin Cactus & Succulent Society's Spring Show&Sale

Cactus & Succulent Society of New Mexico Show&Sale

April 19 COCSS Meeting & Program – 7:00 pm – Will Rogers Exhibition Center

Program: Exploring South Africa and its succulents by Mike and Rosario Douglas

Refreshments: *Deb Trimble*

April 26-28 San Antonio Cactus and Xerophyte Society Show&Sale

May 12 Ft. Worth Cactus & Succulent Society Field trip to J&J nursery. All are welcome to attend.

May 17 COCSS Meeting & Program – 7:00 pm – Will Rogers Exhibition Center

Program: **Getting ready for the Show & Sale**

Refreshments:

June 16-17– Central Oklahoma Cactus and Succulent Society's Annual Show & Sale, Will Rogers Exhibition Center, Oklahoma City, OK.

June 21-24 Mid-States Cactus & Succulent Conference hosted by the Henry Shaw Cactus & Succulent Society, St. Louis, MO





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### Article of the month by Rosario Douglas

#### A visit to Cerro San Pedro in Cochabamba, Bolivia

On a recent trip (November 2017) to Cochabamba, Bolivia, Mike and I had the opportunity to visit a tourist attraction, the San Pedro Hill, which overlooks the city. Cochabamba, one of Bolivia's main cities, is at 8400 feet elevation. The area is relatively dry and this is evident in the variety of cacti found growing on the hill.

This hill is a tourist attraction because of the giant statue of Christ that overlooks the city. Most tourists go to the top and enjoy the views, but for a cactus enthusiast there were other attractions as well.



- A. Map showing Bolivia's location in South America (Wikipedia Commons).
- B. Views of Cochabamba from the Cerro San Pedro.
- C. *Cleistocactus parviflorus*
- D. The Christ above our area of exploration.





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### A visit to Cerro San Pedro... continued

Exploring the area below the Christ statue for a brief 30 minutes we identified at least 8 cactus species (there were more).

Also present was a *Puya* and a *Tillandsia*, both in the Pineapple family, and although not cacti, both are able to survive dry conditions.

Our short, but very productive visit to this local landmark produced more cacti than expected.



D. *Echinopsis obrepanda*

E. *Parodia schewbsiana*

F. *Echinopsis cochabambensis*

G. *Cereus hankeanus*

H. *Puya glabrescens*

All photos by Mike Douglas





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### Succulent Plants

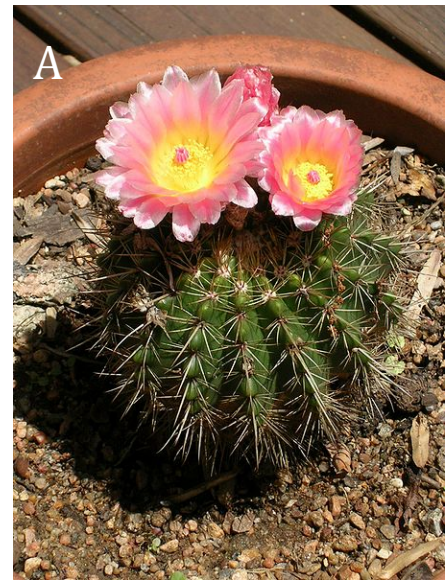
*Rosario Douglas*

### The Genus *Parodia*

The genus *Parodia* has about 50-65 species and it is found in South America (Bolivia, Brazil, Colombia, Argentina and Uruguay). Plants can be up to 3 feet tall (exceptional) but are usually much smaller and are generally globose.

Beautiful flowers and a manageable size make these cacti popular in cultivation.

Plants like partial shade and can be propagated easily from offsets. *Wikipedia*



A. *Parodia herteri*. Wikipedia Creative Commons.

B. *Parodia schewbsiana*

C. *Parodia schewbsiana* and hand for scale

B and C were photographed by Mike Douglas at Cerro San Pedro above the city of Cochabamba, Bolivia at about 9000 feet.



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## The Botanical Corner

*Rosario Douglas*

<b>Frutescent</b>	Shrubby
<b>Fulgens</b>	Glittering
<b>Fulvilanatus</b>	Covered with tawny wool
<b>Fulvispinus</b>	Tawny-spined
<b>Furfuraceus</b>	Covered with bran-like scales
<b>Fusiform</b>	Spindle-shaped, tapering at each end



*Pilosocereus fulvilanatus*. Wikipedia  
Creative Commons

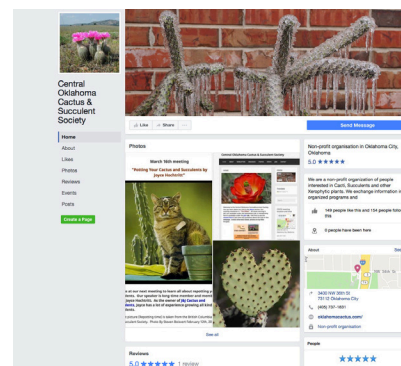
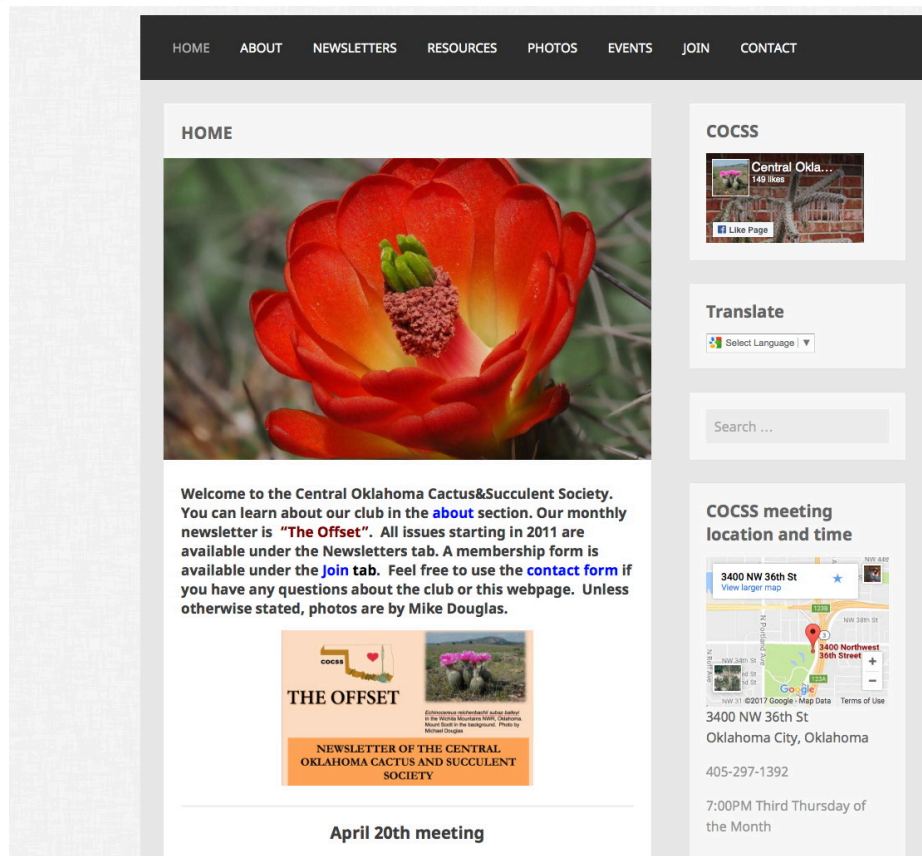
Terms from a book by W. Taylor Marshall and R.S. Woods. The book is titled, *Glossary of succulent plant terms*, published in 1938. Also Wikipedia and from CactiGuide.com at <http://cactiguide.com/glossary/>.





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Follow and like our website (upper left) at:

[Oklahomacactus.com](http://Oklahomacactus.com) and our Facebook page (upper right)

## Officers

<b>President</b>	Vacant until elections in January		
<b>Vice President</b>	Rosario Douglas	<a href="mailto:rd501983@gmail.com">rd501983@gmail.com</a>	405-447-7617
<b>Secretary</b>	Robert Millison	<a href="mailto:robert.milison@yahoo.com">robert.milison@yahoo.com</a>	405-850-9388
<b>Treasurer</b>	Mark Dittmar	<a href="mailto:mark-dittmar@ouhsc.edu">mark-dittmar@ouhsc.edu</a>	405-204-9594
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Newsletter editor, Webmaster and Facebook administrator    Rosario Douglas