



THE OFFSET

NEWSLETTER OF THE THE CENTRAL OKLAHOMA CACTUS AND SUCCULENT SOCIETY

OFFICERS

President: Freddy Hill	f-hill@sbcglobal.net 405-306-3299
Vice-president: Rosario Douglas	rosariod@cox.net 405-722-1718
Treasurer: Peggy Anglin	anglin@swbell.net 405-840-4583
Librarian: Tony Furrh	tnfurrh@cox.net 405-722-1718
CSSA Affiliate: Joyce Hochtritt	cactibud@cox.net 405-7371831
Newsletter editor: Rosario Douglas rosariod@cox.net	405 447-7617

MEETING At Will Rogers Gardens at 3400 NW 36th the third Thursday of every month at 7:30 pm (except in January, the month of our show, picnic and December).

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CLUB NEWS

FROM THE PRESIDENT

Minutes of Meeting

Central Oklahoma Cactus and Succulent Society

September 15, 2011

The September meeting was our annual picnic and was held at the home of Niki and Tony Furrh. Although the much-needed rain kept us indoors, a few good swimmers got out to Tony's greenhouse for a tour. The food was good as always and it was relaxing to just sit and chat among ourselves without worrying about getting a program started, cleaning up and out the door by 9:00pm. It was nice to have Fred Hill back among us again after a lengthy absence due to complications from surgery in May.

A short business meeting was held impromptu while enjoying desert and it was decided to hold off discussion of the Plants of the Month for September and combine it with the October POM and meeting. Rosario Douglas' 'premier issue' of the newsletter will be in October and she discussed various ideas she wants to employ in upcoming issues. Beginning in October Rosario will send the newsletter by email and Mary Robertson has graciously agreed to print and copy the issues and mail to members that currently do not have email.

October is the month we elect/re-elect officers for the club and at a recent Board Meeting a few new nominations were recommended for vacating offices. The following is a list of those new nominations along with current officers who have expressed a willingness to retain their current office. At the October meeting the floor will be open to accept any nominations from the floor at which time we will do a ballot voting for any particular office with two or more nominees. If no new nominations are recommended, then the suggested listing can be accepted by motion and general vote by attending members. The list is as follows:

President	Niki Furrh
Vice President	Rosario Douglas*
Secretary	Mary Robertson
Treasurer	Peggy Anglin*
Librarian	Tony Furrh*
Editor	Rosario Douglas (<i>temporary editor to be moved into permanent position</i>)
CSSA Affiliate	Joyce Hochtritt*

*Indicates current officer willing to maintain present office

Co-Chairpersons

Annual Show & Sale 2012 Joyce Hochtritt & Niki Furrh

Everyone is reminded that the Christmas Party will be held December 15th at the home of Jim and Joyce Hochtritt – further details will be available by the November meeting.

Submitted by Secretary, Niki Furrh

OTHER NEWS

From your new editor:

As you know by now I have taken over as the newsletter editor. All board members agreed that it was time to go digital. More and more clubs are doing their newsletters this way since it makes it easy and fast to mail and also because there are many more options for the layout and content of the newsletter.

We are trying to add new material as we go and we hope you like the new look of the newsletter. Feel free to email me if you have any comments or suggestions. I would love to have more contributions from the members. You could review a book, write about cultivation, about a trip you may have taken where you saw cactus or perhaps a botanical garden that impressed you. You can also write about your favorite plant or plants or can simply email us a question related to cactus and succulents. As you can see the possibilities are many and your article or note will be appreciated as the valuable contribution it is. Your contribution does not have to be very long but it counts no matter the length.

If you have materials for the newsletter I would ask you to send it to me by the 7th of the month. Lets all play a role in making our newsletter nice, informative and fun to read.

Rosario Douglas

THIS MONTH'S PROGRAM

This month's program will be a Plant of the month show and tell for plants in the genus *Opuntia*, *Gasteria*, *Commiphora* and *Rebutia*. Bring some of your plants if you have any that belong to these genera. There will also be a free plant raffle.

**Deadline for articles or other materials for the newsletter is the 7th of the month.

FROM THE MEMBERS

Cactibud's Corner

October, 2011

By Joyce Hotchritt

How do I get my plants ready for winter? The first thing to ask yourself is: Where am I going to put my plants for the winter? Greenhouse, window sills, back bedroom, garage or basement? Wherever you put your plant you will need to make sure you can keep them from freezing. You'll want to have a heat source to keep them around 50F to 40F during the coldest days and nights. Good air movement is also necessary. Remember that heat rises, so having a small fan helps keep the air moving. Check for drafts. Don't forget to have a back up heat source at hand in case the electricity goes out. If you keep your plants on the dry side they will handle the cold much better during their winter rest.

Before you bring your plants into their winter resting place, they will need to be cleaned. Remove dead leaves, branches and other trash. Check and treat plants for insects. (Mealybugs, scale, aphids, whitefly, spider mites) Be sure to clean the pots. Insects can hide under the rim and on the bottom of the pot. Watch out for spiders!

I like to start bringing my plants back into the greenhouse in late September and will have all of them in by mid-October. That is if cooler wet temperatures don't come first! Here at J & J, we put our plants back into a very bright, warm greenhouse so I try to keep them well watered until mid-November then start putting them to sleep by cutting way back on the watering. Hope this information is helpful. More to come in November!

My thoughts about the Central Oklahoma Cactus and Succulent Society and its future: I've been a member for 30 years now and have seen our membership in large and smaller numbers. We've done a lot of fun things over the years! I myself am always open to change and new ideas. One thing I don't want our meetings to become is bogged down business meetings. BORRRING! That is why we started having VP-Meetings/Planning Meetings/Board Meetings (whatever you want to call them) several years ago. Our regular monthly meeting should be mostly about the plants we love to grow and short portion of the meeting should be devoted to business. 80% plant talk – 20% business meeting.

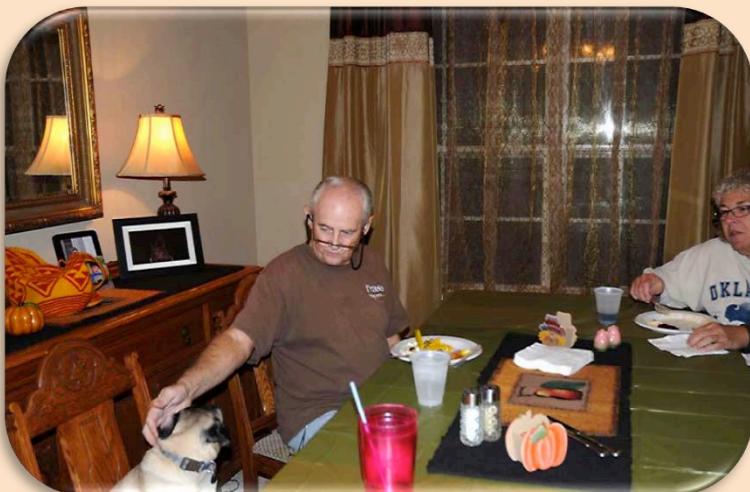
At the same time, having our Board Meetings has been very helpful. Here's how they work: All officers and chairpersons should attend these meetings. We would like to have all other members attend also. The President should have a written agenda to hand out to the other officers and members. This will help keep the meeting in order and on track. At these meetings we cover old business and new ideas.

In addition, club members are highly encouraged to come up with new ideas for the club. Just put your idea in writing and bring the handout to the Board meeting.

Ask yourself: How will your new idea help the club? Are you willing to be in-charge of this new idea? Do your home work! Be ready to explain to the Board your new ideas. This will help you show the Board what you have in mind. Then we can have a discussion and see if this idea or suggestion will work for us. These new ideas should then be passed by the Board before they're brought to the club meeting. Changes and new ideas are good! So please try to attend the next Board Meeting and bring us your new ideas.

And oh, by the way, might I suggest that we not formally discuss club business at either the annual picnic or Christmas Party. Those events are for eating, talking, and fun and games. All for now from Cactibud's Corner!

COCSS ANNUAL PICNIC



The club had the annual picnic on September 15th at the home of Tony and Niki Furrh. We all enjoyed visiting with each other and the great food. Thank you Tony and Niki for having us at your place.

Top left Tony Furrh and Joyce Hochtritt, Top right our newest members Mary Robertson and Joseph.

Middle left group photo, middle right Peggy Anglin our treasurer and Niki Furrh.

Bottom left from left to right Matt, Peggy Holland, Fred Hill our current president, Deb Trimble and company.



ARTICLE OF THE MONTH

My first encounter with a South African succulent

By Rosario Douglas

In December 2002 Mike and I made our first trip to South Africa. It was a nice change to arrive and encounter pleasantly warm days. This trip was 2 weeks of official work for Mike followed by 2 weeks of vacation. Our destination was not Johannesburg, where we landed, but rather 600 miles to the west. We were headed for the prime habitats of small succulents in an area known as Namaqualand on the western coast of South Africa.

There is a large group of succulent plants known as rock plants. There are many species and genera and many are found in South Africa. The main characteristic of this type of plant is that they are small and tend to look like rocks or camouflage well with their surroundings. Some, like plants in the genus *Fenestraria*, are flush with the soil surface. The flowers of rock plants are large for the size of the plant and quite colorful.

Prior to this trip to South Africa I had never really appreciated the small rock plants (Lithops and the likes). We had purchased some and they had not done well in our greenhouse. It is true that I had not seen many of them in flower. After seeing *Frithia pulchra* in habitat, I had a complete change of mind and began to really enjoy looking for them, and finding them in the field. After this trip we started purchasing more of these types of plants. We now provide shade in the summer to minimize the heat and it seems to help quite a bit. We have them in beds in our greenhouse and many flower profusely in the fall and winter. We lost some this summer as we do every summer but in general the survival rate is quite reasonable now.

When I started thinking about an article for the newsletter I thought about how after seeing my first rock plant in habitat I began to appreciate them and started trying to be more successful in raising them in the greenhouse. This article will provide a better description of how this first encounter came to be. During this trip we would see many other fascinating rock plants in western South Africa, but I will always remember *Frithia pulchra*, for being the first such plant we discovered during a hike at the Rustenberg Nature Reserve west of nearby Johannesburg.

On our second day in South Africa we encountered some of the wildlife Africa is famous for. This included being chased by a large elephant at Pilanesberg National Park. As is the case in most African parks, animals large and small roam free and for this reason people are not supposed to get out of their cars except in designated areas. We were in our little car when the large male elephant came trotting towards us. We and 2 other cars behind us turned around in a hurry and got out of the way just in case. We read later that elephants have been known to overturn and even crush cars in some of the parks in Africa while the passengers were inside.

My first encounter with a South African succulent

This day was also memorable because we stopped at the small Rustenburg Nature Reserve in the Megaliesberg mountain range. We were not really expecting to see much in the way of succulents because this area is mostly grassland, but while hiking we ran into our first South African succulent in the wild. Small white quartz rocks surrounded the tiny plants. We would have missed them had they not been flowering. Photographing plants that small and on rocky substrate is always a challenge, but Mike struggled and got enough photos to make us happy. We did not know at the time that this little jewel is only found in this part of South Africa and there are only two species in this genus. The plant was *Frithia pulchra* and we had never heard of this genus or species and had never seen photos of it. The local common name for this plant is fairy elephant's foot.

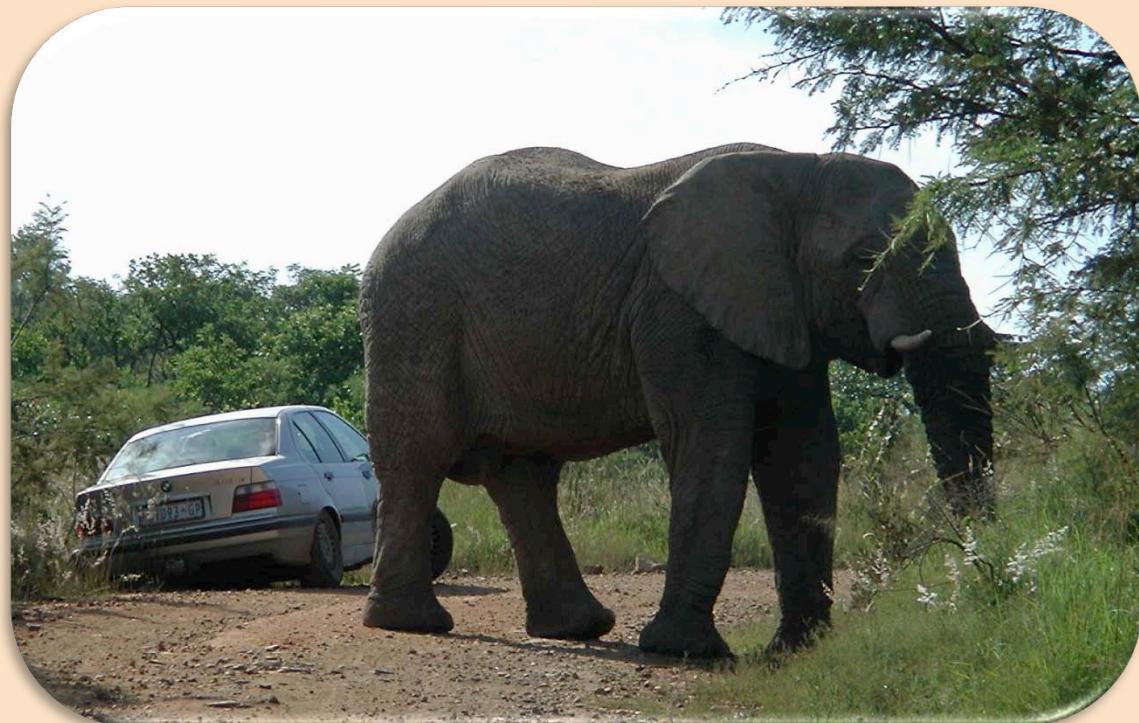
The soil is poor and well drained, the rock substrate is made out of quartzite and there is no clay at all and very little humus.



Note the size of *Frithia pulchra* plants next to my ring. My ring size is 6.

Frithia belongs to the family Mesembryanthemaceae, a family composed of mostly succulent plants of which 99% are found in South or Southwest Africa. The family contains roughly 125 genera and about 2000 or more species. Most "mesembs" are perennials with a woody rootstock and highly succulent leaves. (From article by James A. Robbins (1982) <http://www.centralarizonacactus.org/plantinfo/genera/MESEMBRYANTHEMACEAE.pdf>)

So we learned that sometimes the best things are those you do not plan and while traveling it is always a good idea to detour to some local park, reserve or other local attraction you may not have heard of since you never know what you may find by accident.



Elephant
affecting
the traffic
flow.



Rustenburg Nature Preserve in the Megaliesberg mountain range.



The plants are hard to see in their habitat since they are so small. It would have been almost impossible to see them by chance if they had not been flowering. Note the white rocks surrounding the plants. To the left of the tripod there are 2-3 plants flowering.

Below a close up of *Frithia pulchra*.

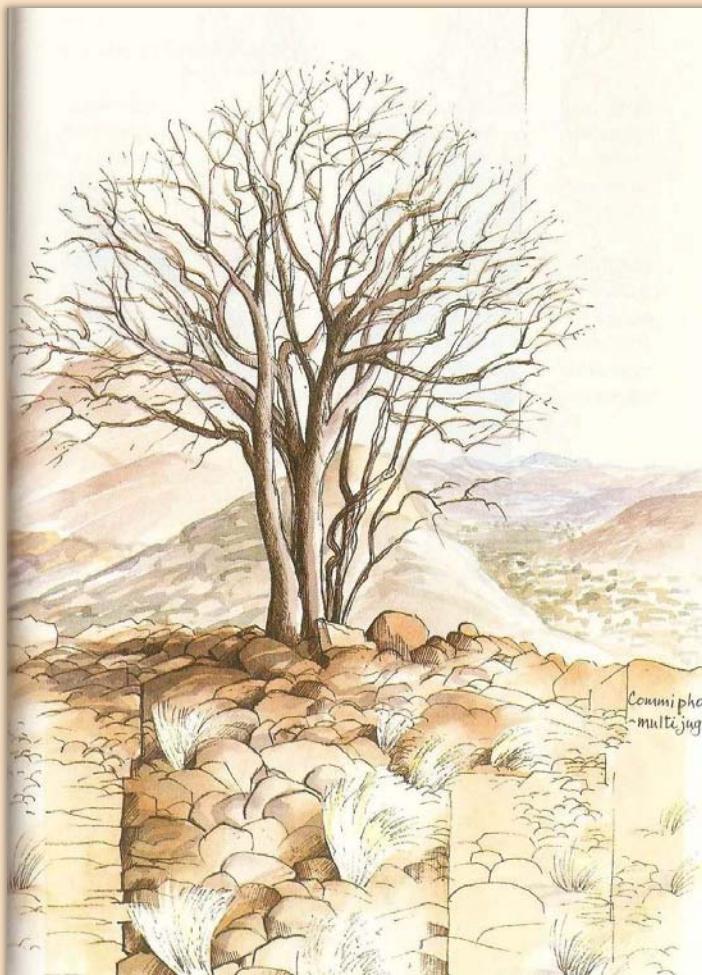


Frithia pulchra

All Photos by Michael Douglas

SUCCULENTS OF THE MONTH

By Rosario Douglas



Commiphora, a genus in the family Burseraceae has about 185 species of often-thorny shrubs and trees. Plants in this genus are found in Africa, Arabia and the Indian subcontinent (*Wikipedia, Commiphora*).

The name *Commiphora* is derived from the Greek “Kommi” which means gum and “phoros” which means carrier. Because *Commiphoras* are leafless most of the year identification of most species is difficult.

The Myrrh tree, found in the horn of Africa (Kenya, Ethiopia, Somalia) belongs to this genus. This plant was highly priced in ancient times as a constituent of perfumes and incense. From: http://www.cactusart.biz/schede/COMMIPHORA/Commiphora_myrrha/Commiphora_myrrha/Commiphora_myrrha.htm

Commiphoras are propagated by seed and they need full sun and well drain soils. From: <http://www.plantoftheweek.org/week353.shtml>

Upper left *Commiphora multijuga* from Damaraland, Angola and Namibia. This is one of the 4 trees in that region that has religious significance. It is used for marriages, funerals and initiation ceremonies.

Drawing from: [Damaraland Flora](#) by Patricia Craven and Christine Marais



Bottom left *Commiphora sxicola*. The name sxicola is Latin for rock dweller. An apt name for this dwarf tree that is found in rocky soils in central Namibia. Unlike many species in this genus, *C sxicola* does not have papery bark and does not peel. From: [Namib Flora:Swakopmund to the giant Welwitschia via Goanikontes](#) by Patricia Craven and Christine Marais.

Photo on the left by Michael Douglas

CACTI OF THE MONTH

By Rosario Douglas

The genus *Rebutia* is in the Cactaceae family and it is comprised of about 60 species found in Bolivia and Argentina. The genus is named after a French nurseryman Pierre Rebut (1828-1898). (From Wikipedia).

Plants tend to be small and flowers are large for the plant size. The flowers are of vivid colors and the plants are considered reliable bloomers. Flowers also tend to come out low on the side. *Rebutias* are found at high elevations in their native habitats. *Rebutias* need bright light but some shading is needed in spring and summer. They are easily propagated from seed.

From: [The Encyclopedia of Cacti](#) by Gullman, Gotz and Groner.



Cactaceae
Rebutia



www.cactus-art.biz

Above right *Rebutia rubriflora* Photo taken from: <http://www.banana-tree.com/Product/REBUTIA-rubriflora-SKU19025-759.htm> Bottom right *Rebutia heliosa*. Photo taken from: http://www.cactus-art.biz/schede/REBUTIA/Rebutia_heliosa/Rebutia_heliosa_melanistic/Rebutia_heliosa_melanistes

Central Oklahoma Cactus and Succulent Society
List of Books & Misc Educational Materials in our Library

By Tony Furrh

Cactus Books

1. <i>Sulcorebutia and Weingartia; A Collector's Guide</i>	1990	by John Pilbeam	\$32.95
2. <i>Gymnocalycium; A Collector's Guide</i>	1995	by John Pilbeam	
3. <i>The Cacti Of The United States and Canada</i>	1988	by Lyman Benson	
4. <i>The Cactaceae Volumes 1 & 2, Volumes 3 & 4</i> (2 books)		by N.L. Britton and J.R. Rose	\$69.95 set
5. <i>Cacti The New Plant Library</i>	2000	by Terry Hewitt	\$9.95 retail
Donated by Joyce Hotchritt - Timber Press			
6. <i>Cacti</i>		by Sir Oliver Leese	
Donated by Carl Sanders		by Danny Schuster	\$29.95
7. <i>The World of Cacti: How To Select From and Care For Over 1000 Species</i>	1991		
8. <i>Cacti: Over 1200 Species Illustrated & Identified</i>	1991	by Clive Innes and Charles Glass	\$24.95
9. <i>Yucca I (First Edition)</i>	2004	by Fritz Hochstatler	\$79.95
10. <i>Yucca II</i>	2004	“ “	\$99.95
11. <i>A New Review Of Mammillaria Names</i> (Reprinted from Bradley 1987)	1990	by David Hunt	\$16.95
12. <i>Morphology Of Cacti</i>	1993	by Franz Buxbaum	\$24.95
13. <i>The Encyclopedia of Cacti</i> \$45.00	1988	by Cullmann, Gotz, and Groner	
14. <i>The Genus Melocactus Of Central & South America</i>	1998	by N. Taylor	\$25.95
15. <i>Mammillaria; A Collector's Guide</i>	1986	by John Pilbeam	\$25.00
16. <i>Cacti For The Connoisseur, A Guide For Growers and Collectors</i>	1988	by John Pilbeam	
17. <i>Cites Cactaceae Checklist</i>	1993	by David Hunt	\$21.95
18. <i>Growing Winter Hardy Cacti In Cold/Wet Climate Conditions</i>	1988	by John N. Spain	\$15.95
19. <i>Cacti</i>	1990	by Wilhelm Barthlott	\$17.95
20. <i>The Cactus Family (First Edition)</i>	2002	by Edward F. Anderson	\$99.95
21. <i>The Genus Astrophytum Lemaire</i> #56 July 1944 Hort series #2	1944	by Molitane Megata	\$6.95 retail
22. <i>The Genus Ferocactus</i>	1997	by George Lindsay	
23. <i>Cacti of the Southwest</i>	1990	by W. Hubert Earle	\$12.50
24. <i>Sacramental & Medicinal Cacti – Peyote, San Pedro and other Ethno pharmacological Cacti</i> \$14.95	2009	by Michael Smith, manuscript	
25. <i>Ariocarpus et cetera The Special Smaller Genera of Mexican Cacti Succulent Society</i> \$84.27	2009	by John Pilbeam and Bill Weightman <i>Published by The British Cactus &</i> <i>1st Edition 2006 ISBN 0-902099-78-7)</i>	
26. <i>The Genus Turbinicarpus</i> (1 st edition 3-2004 ISBN 80-85441-23-3)	2009	by Milan Zacher published by VID	\$49.95
27. <i>Copiapoa 2006</i> (ISBN 0958516782)	2009	by Rudolf Schulf, Schulz Publishing	\$84.95

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COCSS – Library List

Succulent Books

1. *Succulents and Xerophytic Plants of Madagascar*
Volume 1 1995 by Werner Rauh \$109.95
2. *Succulents and Xerophytic Plants of Madagascar*
Volume 2 1999 by Werner Rauh \$129.95
3. *An Introduction To The Stapeliads* 1993 by Marlene Rainman \$6.95
4. *Cactus and Succulents;*
Step By Step To Growing Success 1991 by Bill Keen \$12.95
5. *The Adenium and Pachypodium Handbook*
(small plastic ring bound) 1997 by Gordon Rowley \$6.95
6. *The Cactus File Handbook, Pachypodium*
and Adenium 1999 by Gordon Rowley \$49.99
7. *The Cactus File Handbook, Adromischus* 2001 by Pilbeam, Rodgeson, Tribble \$36.95
8. *Succulent Flora of Southern Africa*
(Revised edition 2000) 2001 by Doreen Court \$75.00
9. *Desert Plants* Volume 10 #3
Arboretum \$6/issue 2004 Published University of Arizona
for Boyce Thompson 1992
10. *Pachyforms: A Guide To Growing Caudiciform*
and Pachycaul Plants 2003 by P. de Vosjoli \$39.95
11. *Succulent Flora of Southern Africa* 1993 by Dorseen Court \$49.95
12. *The Wonderful World of Succulents* 1990 by Werner Rauh \$29.95
13. *Flora Of Southern Africa. Volume 27, Part 4* \$8.95 1988 by A. Leistner **No check out**
14. *Philippine Hoya Species* 1991 by Dale Kloppenburg \$14.95
15. *Aloe Journal* 29 No. 1 1992 **No check out** \$11.95
16. *Caudiciform and Pachycaul Succulent Handbook*
(First edition) 1990 by Gordon Rowley \$60.00
17. *Guide To The Aloes Of South Africa* \$49.95 1997 by Ben-Erik Van Wyk & Gideon Smith
18. *Succulents, The Illustrated Dictionary* 1998 by M. Sajeva and M. Constanzo \$49.95
19. *Succulents II, The Illustrated Dictionary* 2004 by M. Sajeva and M. Constanzo \$29.95
20. *History Of Succulent Plants* (first edition) 1997 by Gordon Rowley \$119.95
21. *Didiereaceae* 1998 by Gordon Rowley \$13.95
22. *Succulents Of The Transvaal* 1997 by David Hardy & Anita Fabian \$39.95
23. *A Handbook Of Succulent Plants, Volumes 1,2,3*
(3 books) 1988 by Herman Jacobsen \$125.00
24. *Euphorbia* Volume 1- 10 (10 books) 1997 by Strawberry Press \$40 each
25. *Haworthia Revisited: A Revision Of the Genus* 1999 by Bruce Bayer \$59.95
26. *A Garden & Field Guide To South African Mesembs* 2001 by E J VanJarsveld & U Pienaar \$49.95
27. *Agaves, Yuccas & Related Plants:*
,
A Gardeners Guide 2001 by Mary & Gary Irish \$34.95
28. *Succulents, The New Plant Library*
(donated by Timber Press JBH) 2009 by Terry Hewitt
29. *Adenium: Sculptural Elegance, Floral Extravanza*
1st Edition 4. **Autographed** 2004 by authors: Mark Dimmit, Gene
Joseph, David Palskill. Published by
Scathingly Brilliant Idea \$29.95
30. *Succulents Propagation*
(First Edition) 2004 by *Attila Kapitany & Rudolf Schultz*
published by Schulz Publishing ISBN 0-
958516766\$23.95 \$23.95
31. *Hardy Succulents, Tough Plants For Every* 2009 by Gwen Moore Kelaidis. Storey \$19.95 *Climate*
Published 2008 ISBN978-1-58011-700-9

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Cactus and Succulent Books

1. <i>The Complete Book of Cacti and Succulents</i>	1997	by Terry Hewitt \$29.95
2. <i>Monstrosity and Cristation In Succulent Plants</i>	1990	by JJ Cerbeek Wolthuys \$8.95
		No check out
3. <i>Treasure Trove From Cactus Land, Cactus Garden</i> (reprint of Johnson C Gardens Nurseries)		by H Johnson
		No check out
4. <i>An Australian Succulent Review and Newsletter,</i> Volume 2 No 4	1992	No check out
5. <i>Ashingtonia</i> Volume 1-2 (1 book)		\$49.95
6. <i>The Illustrated Reference On Cacti and Other Succulents</i>	1985	by Edgar Lamb
		Volumes 1-5 (5 books)
7. <i>The Cactus File, The Magazine For Growers Of Cacti and Succulent Plants</i>		
1 binder with 8 magazines		\$7.50 each magazine
8. <i>Illustrated Encyclopedia, Cacti and Succulents</i>	1999	by Miles Anderson \$12.95
9. <i>Cacti, Agaves & Yuccas of California & Nevada</i>	2009	by Stephen Ingram. \$25.95
		Cachuma Press, Los Olivos, CA
1st Edition 3, May 2008		
ISBN 978-0-978997-1-0-6 pbk		

Other Books/Items of Interest

1. <i>Botanical Latin</i>	1998	by W Stearn \$39.98
2. <i>Landscape Plants for Dry Regions</i>	2001	by Warren Jones & Charles Sacaman \$39.95
3. <i>Garden in Dry Climate</i>	2003	by Ortho \$7.95
4. <i>Arizona Travel Guide</i> (donated by Ralph Shadid)		by Bill Weir
5. <i>Cactus and Succulent notes copied from unknown book – stapled approx 13 pages,</i>		No check out, no card
6. <i>Strong's Alpine Succulent Catalog</i>	1995	No check out
7. <i>Cyclopedia of ISI Plants</i> (donated by Ralph Shadid 2002)	1958-1996	by Harry Mays \$17.95
8. <i>Rainbow Gardens "Plant" Catalogs</i> 1991-92, 97-98, 99-2000		No check out
9. <i>Epi world Catalogs</i> 1992-93, 94-95		No check out
10. <i>Partial OFFSETS & Club Material</i>	1968-2002	No check out
11. <i>Novel – The Cactus Club Killings</i> (donated by Tony Furrh)		by Nathan Walpow \$6.00

PERIODICALS (Received and cataloged)

Quepo (Journal of the Peruvian Cactus Society) donated by Mike & Rosario Douglas

- Volume 11 – 1997
- Volume 13 – 1999
- Volume 14 – 2000
- Volume 15 – 2001

Haworthiad The International Journal published by the Haworthia Society

- Volume 17 issue 1 Feb, 2003
- Volume 17 issue 2 June 2003

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***Sansevieria* (The Journal of The International Sansevieria Society)**

ISSN 1473-3765 published 3x/subscription
period, editor Alan Butler, Repro & Printing by Press Group, Slovakia \$_____
 Volume #7, June 2003
 Volume #8, #9 June 2004
 Volume #12
 Volume #13 Dec 2005
 Volume #14
 Volume #19 January, 2009
 Volume #29 August, 2009
 No. 21
 No. 25 June, 2011

Cactus & Succulent Society Journals

Volume 77 Jan/Feb; Mar/April; May/June; July/August; Sept/Oct; Nov/Dec (2005)
 Volume 78 Jan/Feb; Mar/April; May/June; July/August; Sept/Oct; Nov/Dec (2006)
 Volume 79 Jan/Feb; Mar/April; May/June; July/August; Sept/Oct; Nov/Dec (2007)
 Volume 80 Jan/Feb; Mar/April; May/June; July/August; Sept/Oct; Nov/Dec (2008)
 Volume 81 Jan/Feb; Mar/April; May/June; July/August; Sept/Oct; Nov/Dec (2009)
 Volume 82 Jan/Feb; Mar/April; May/June; July/August; Sept/Oct; Nov/Dec (2010)
 Volume 83 Jan/Feb; Mar/April; May/June; July/August/; (2011)

Cactus and Succulent Society of America Journals (8 books) bound volumes (2 years each)

Donation from CSSA April, 2009 – 1975 Yearbook: *Supplemental Volume of The Cactus & Succulent Journal*. The Cactus & Succulent Society of America supp. to vol. XLVII (47) *Abbey Garden Press Edited by C Glass & R. Foster Mar, 1975 Val \$*

Volume 1981-1982	Volumes 53-54	Volume 79
Volume 1983-1984	Volumes 55-56	
Volume 1985-1986	Volumes 57-58	
Volume 1987-1988	Volumes 59-60	
Volume 1989-1990	Volumes 61-62	
Volume 1991-1992	Volumes 63-64	
Volume 1993-1994	Volumes 65-66	
Volume 1995-1996	Volumes 67-78	
Jan/Feb Journal	May/April Journal	July/August Journal

Haseltonia – Yearbook of CSSA

Haseltonia No. 1	Year Book Of The CSSA	1993
<i>(donated by CSSA April, 2009-2 copies) edited by Myron Kimnach \$40</i>		
Haseltonia No. 2	Year Book Of The CSSA	\$40
Haseltonia No. 9		\$40
Haseltonia No. 12		
Haseltonia No 15	Year Book of The CSSA	2009
Haseltonia		2011

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Euphorbia World Journal (International Euphorbia Society)

Volume #1 No 1(May'05) No 2 (Nov'05) *Strawberry Press*
Volume #2 No.1
Volumes #1-6,
Volumes #1-5
Volumes #1-7 Cumulative Indexes

Amateurs Digest (Bi-monthly digest 6/yr) *Editor Marina Welham*

Volume 5 1993
Volume 14 2004
Volume 17 Issue 2 (Sept'05) along with "Fun & Fotos" booklet & caudex booklet,
Issue 4 (March'06)
Volume 18 #2 Sept '06
Volume 18 #1 May '06

Journal of British Cactus & Succulent Society

Volume June '07 & special 6-12-07
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Cactus World *Journal of The British Cactus & Succulent Society*

03-2009 ISSN 1751-1429 (quarterly Mar, June, Sep, Dec) \$40.00
e 27 #1 April, 2009
e 27 #2 June, 2009
e 27 #3

Budleya Yearbook of British Cactus & Succulent Society

VHS PROGRAMS

Secret Gardens of Tucson 24 minutes VHS
Garden Exotique – Monaco 18 minutes VHS
The Enchanted Island by Madagascar – Readers Digest 54 minutes VHS

DVDs

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The Desert Speaks	<i>Baja Boojums Bizarre Plants</i>	#1313
The Desert Speaks	<i>Prickly Pear: Cactus of Plenty</i>	#1107
The Desert Speaks	<i>Agave Thorn of Plenty</i>	#710

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COCSS – Library List

The Desert Speaks *Passions of the Pitaya* #1703

The Desert Speaks *Tequila: Exploring the Legend* #1701

The Desert Speaks *Tracking the Giant Cactus* #1104

The Desert Speaks *Kartchner Caverns: Alive with Wonder* #1006

The Desert Speaks *Mesquite: Tree of Life* #1004

The Desert Speaks *Saguaro: King of the Cactus* #403

The Desert Speaks *Research In the Southwest*

The Desert Speaks *Research In the Desert*

The Desert Speaks *The Pinacate*

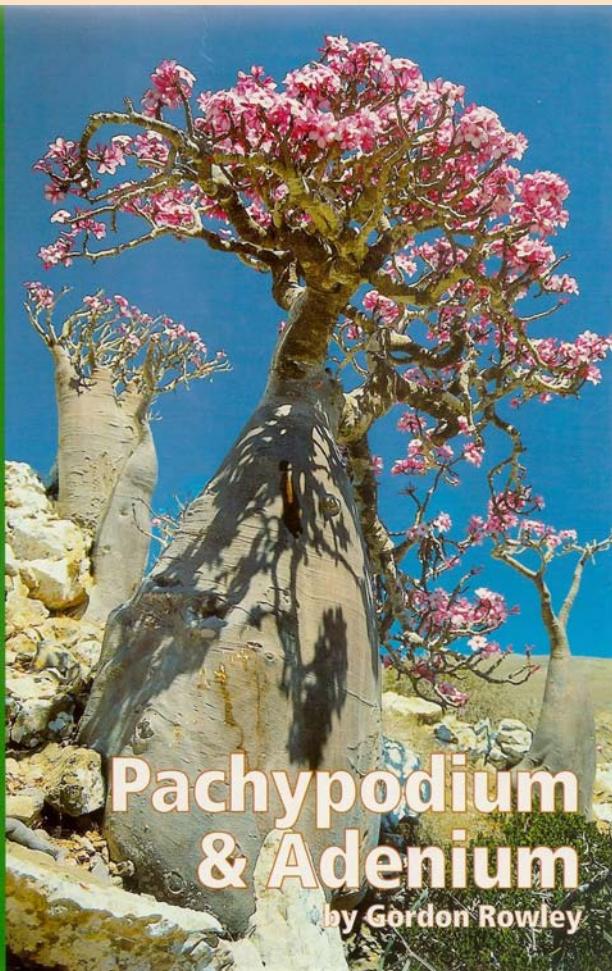
The Desert Speaks *What is A Desert?*

The Desert Speaks *From the Plant's Point of View*

The Desert Speaks *Desert Grasslands*

BOOK REVIEW

By Rosario Douglas



Dear Members don't forget that we have a library with many books about cacti and succulent plants such as this book. It is maintained by the club and it is available to members. You can check out books during the meetings. See list of books available in this newsletter. Our club librarian is Tony Furrh.

Pachypodium and Adenium by Gordon Rowley

This 1999 book does a good job covering all the species in the genus *Pachypodium* and *Adenium*.

The preface is followed by a detailed description of the Apocynaceae family. Both *Pachypodium* and *Adenium* are **caudiciforms** (plants that store water in their swollen trunks) that belong to the Apocynaceae or periwinkle family. These plants are found in Madagascar and Africa.

The book continues with a variety of subjects pertaining to the Apocynaceae such as: distribution (maps are included), cytology, main characteristics, flower structure, fertilization, fruits and seeds, hand pollination, cultivation, propagation, grafting and seed. The differences between *Pachypodium* and *Adenium* are also highlighted.

After discussing the subjects mentioned above the book continues with a more specific description of the genus *Pachypodium* and *Adenium*.

Next there is a discussion about the genus *Adenium*. This includes subjects such as habitat and native uses, flowers, history, key to the subspecies, cultivars and a description of all 6 subspecies of *Adenium*. Photographs and maps are included.

The book continues with a discussion of the genus *Pachypodium*. This covers the different habitats, flowers, fruits and seeds, history, classification and evolution and key to all *Pachypodium* species. A description of every species follows and this also includes photographs and nice distribution maps.

The book ends with a section on *Pachypodium* cultivars and a decent bibliography for those interested in pursuing this subject further.

In conclusion this is a relatively short book (only 80 pages) that provides useful information about these two genera and it also a good visual guide with photos and distribution map of every species.

THE CULTIVATION CORNER

By Rosario Douglas

Some of the following text is taken from our club's webpage in the cactus mall. The rest is from our experience.

WATERING: Water when needed during the growing season; the soil should dry between waterings. When you water, water thoroughly; water should run out of the drainage hole of the pot. Many cacti and succulents have yearly resting periods, during which time they should be kept dryer and cooler than during the growing period. For most cacti the resting period is in late fall and winter and for most species you can withhold water completely.

This is not the case for many of the African succulents, which are out of dormancy and actively growing starting in our fall and continuing through the winter and early spring. Our greenhouse is full of blooming *Lithops* and other stone plants from about late October into the spring. Plants in a sunny and hot greenhouse may need water twice a week in August, but plants under fluorescent lights in your living room may easily go 2 weeks between waterings.

LIGHT: Most succulents including cacti require fair amount of sunlight. A note of caution: when you buy new plants keep in mind that some of them may have been grown in more shaded greenhouses than the place where you plan to put them. If this is the case and your location is full sun or a greenhouse be sure to introduce the new plants to the sunlight slowly. A period of 1 to 2 months of slow increases in light on the plant will minimize burning the plant.

SOIL MIX: Most succulents including cacti require well-drained soils. Either loam-based or peat-based compost can be used as a basis. Do not use unsterile garden soil. Loam-based composts are made up of sterilized loam (soil) mixed with peat and grit or coarse, washed sand. Coarse vermiculite is a useful addition to the mixture to provide trace elements. Crushed granite is another possible element in your soil mix.

Keep in mind when mixing your own soil that some plants may have different requirements and one soil type does not fit all. Reading about where your plants are found in their native habitats e.g. growing on pure limestone or other substrates will help you get a better idea of the requirement of each plant. In general the principles outline above about soil are good for most plants.

Let's hear from those of you who mix their own soils or if you have any comments about soil types or the type you use or other cultivation subjects let us know and we will include this information in the Cultivation Corner next time.

WHAT IS BLOOMING?

By Rosario Douglas



This new section: *What is blooming?* seeks to share photos of our plants as they bloom with the seasons. Last month (mid-September) *Ariocarpus fissuratus* on the left and *Ferocactus setispinus* bottom left have been blooming in our greenhouse.

There is always something blooming in the greenhouse but the Fall, Spring and Winter are the best times. Many South African succulents bloom in the cool season.

Feel free to send me some photos of your blooming plant (s) and we will share them with all the members. Remember to include the name of the plant(s) and when it was blooming. Any other information you want to share about your plants is welcome.

Photos by Mike and Rosario Douglas



THE BOTANICAL CORNER

By Rosario Douglas

The Linnaean System of Classification

Species One of the basic units of biological classification and a taxonomic rank. A species is often defined as a group of organisms capable of interbreeding and producing fertile offspring.

Genus Collection of related species that share some features but are distinct from one another in some other features

Family All closely related genera

Order All closely related families

Class All related orders

Phylum All related classes

Kingdom All related phyla; the most inclusive category of all

Have you ever wondered about the names we give our cactus and succulents? Some people use common names while others refer to them by their scientific name often in Latin. Carolus Linnaeus, a Swiss 18th century naturalist, created the binomial system of classification. This was done to minimize the confusion created by the existence of many common names for the same organism. Each organism can be classified by assigning it a Latin name consisting of two parts (Genus and species). So no matter what language you speak if you understand and know the binomial system of classification and you see the scientific name of any organism you know will what the organism is.

In the example *Echinocereus triglochidiatus*, the first part refers to the Genus and it is always capitalized. The second part is the species. There are many species in the genus Echinocereus. Scientific names are also written in italics. In our example the family is Cactaceae.

References: Biology the Unity and Diversity of Life, third edition by Cecie Starr and Ralph Taggart. 1978

FUTURE EVENTS/LOCALL HAPPENINGS

By Joyce Hochtritt

2011 Cactus and Succulent Happenings in the Region

October 1-2, 2011, TACSS Seminar Hosted by the Kerrville Cactus and Succulent Society, Kerrville, TX.

<http://home.windstream.net/wildfong/KCCSS.html>

October 20, 2011, Central Oklahoma Cactus and Succulent Society's monthly program and business meeting 7:30 pm at the Will Rogers Garden Center.

Program: **Show and Tell for plants in the genus Opuntia,**

Gasteria,Commiphora and Rebutia

Refreshments: Tom & Melba Galbraith

November 17, 2011, Central Oklahoma Cactus and Succulent Society's monthly program and business meeting 7:30 pm at the Will Rogers Garden Center.

Program: **Small and Miniature Aloes by Joyce Hochtritt**

Refreshments: Ralph Shadid

December 15, 2011, 7:00 pm, Central Oklahoma Cactus and Succulent Society's **Christmas Party** at the home of Joyce and Jim Hochtritt, 600 N. Pine Ave., Midwest City, OK. More info to Come!

2012 Cactus and Succulent Happenings in the Region

June 16 – 17, 2012, Central Oklahoma Cactus and Succulent Society's Annual Show and Sale, 3400 NW36th St., Oklahoma City, OK.

<http://www.cactus-mall.com/clubs/cocss.html>

June 21 to 24, 2012, The 14th Biennial Mid-States Cactus and Succulent Conference Hosted by the Kansas City Cactus and Succulent Society at The Hilton Garden Inn, Independence, MO. <http://www.midstatesconference.org/>

More information to come!

If you know of any plant happenings, please send me the information.