

MAMMILLARIA THORNERI

Espinas y Flores

BULLETIN OF THE SAN DIEGO CACTUS AND SUCCULENT SOCIETY
Affiliate of the Cactus and Succulent Society of America, Inc.

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October, 1976.

October Meeting Date...Sat., October 16th, 1976.

PROGRAM: "NATURE'S AMPHORA" by SHIRLEY BERRY.

Shirley is well qualified to appreciate the beautiful shapes and forms succulents use to store water. She has a Master's Degree in Art, and presently is Head of the Art Department at Newport Beach High School.

Her training and good taste are evident in the beautiful, well grown, well staged plants she has brought to the meetings. The unique home she and Jim Berry have in Rancho Santa Fe is a perfect setting for her other 'Jewels'. which are equally well grown.

Shirley has been collecting succulent plants since 1957, and her knowledge and talent will make this a program to be enjoyed.

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SUCCULENT OF THE MONTH FOR OCTOBER:
SEDUM.
FAMILY: CRASSULACEAE.

Madelyn Lee.

This interesting family literally grows everywhere. Its main distribution is in the Mediterranean Region, Europe, E. Asia, Southwestern North America and Mexico. It is also found in Central Africa, Madagascar and South America.

The sizes of the plants range from one inch tall - S. Dasyphyllum, with its dainty, blue-green bead like leaves, to S. Frutescens, which is a tree like shrub, three feet tall. The flowers are star like and form clusters, usually white or yellow, but sometimes reddish or violet. Some of the species are deciduous and some are evergreen.

Most of the 'Old World' sedums are hardy, and most of the 'New World' sedums do better with protection from frost. Some of the species are excellent for use in a rock garden - S. Spurium, with its flat, round, serrated reddish leaves, S. Adolphi, with yellow, globe-shaped leaves, and S. Stahlia, or S. Guatemalense, with their deep red, fat round leaves, are all excellent for this use.

The 'tree' type sedums are good bonsai subjects: S. Frutescens, S. Oxypetalum, and S. Tortuosum, with their thick trunks and peeling bark are easy to shape and grow.

The best known sedums are those which are used for hanging baskets: S. Craigii, with thick lavender leaves, and S. Sieboldii, with blue-gray flat leaves and pink flowers, are both well suited for this use. The most popular sedums of all are the 'Burro Tails' - Sedum Morganianum and its many hybrids. 'Giant Burro Tail', 'Super Burro Tail', and the new 'Burrito' are all excellent and well loved.

Sedum culture is generally not difficult. Some scare you every Winter when they 'die', but, in the Spring, new sprouts start all over again. Some of the plants prefer a little shade, but only full sun brings out the deep reds and coral tones in others. Soil is not a problem as long as drainage is good, in fact some of the species Like poor soil. Propagation is by leaf, or cutting, either of which is easy to establish.

Bring one of your Sedums to the October 16th meeting!

A LIVING MEMORY OF "CACTO-PHIL" - Dr. Phillip Corliss.

A. Johnson.

During my all too short acquaintance with dear "Cacto-Phil", I acquired two plants which particularly come to mind this year.

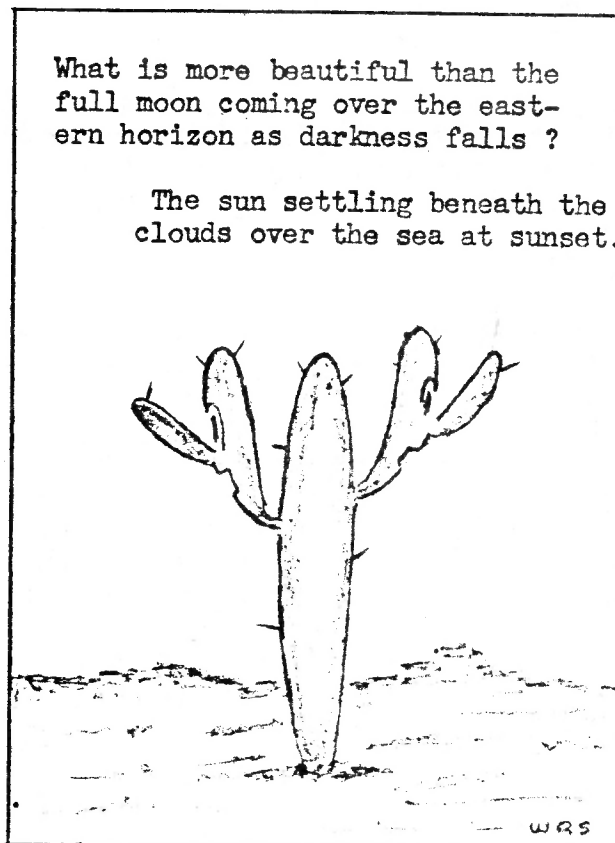
The first plant I started soon after I joined S.D.C. & S.S. It was a small plant of pereskia, which, he told me, was one of the original species of our much-loved cactus family. Fascinated, I planted it at the back of one of my very special small cactus and succulent beds, where it has stayed and thrived ever since - some three years or more. Apparently it likes the location very well, because, several times, it has tried to take over the fence and the entire bed, and so has had to be cut back drastically.

Two years ago, it surprised me by producing a great number of buds, which doesn't happen too often, I understand, and eagerly I awaited the flowers! But it was not to be. Just at the point of opening, every bud blasted owing to a sudden spell of particularly hot, dry weather.

This year, after another drastic pruning, I was pleasantly surprised, a day or two ago, to discover another crop of buds developing. With the present spell of cool, damp weather, I hope to have more success this time. Thank you, "Cacto-Phil", for introducing me to that fascinating little plant of pereskia.

The second plant, which I acquired about the same time, is the rosary vine, and this little fellow continues to thrive, for me, indoors. Although in quite a small container, it, too, seems to like its "spot", and it flourishes and wanders all around our dining area.

Dr. Phillip Corliss - affectionately known to all of us as "Cacto-Phil" - how we miss those articles of his, about this and that, which added so much to our very own "Espinas y Flores".....



Beauty is in the eyes of the beholder.

CACTUS-OF-THE-MONTH

Andean Cereoids

George E. Radwin

As promised in last month's article, this month we will address ourselves to columnar or otherwise cereoid cactus genera from the western half of South America. At first glance, in the course of my literature research, there seems to be a bewildering diversity of genera; even greater than in the eastern part of the continent. On careful reassessment it seems that a combination of taxonomic "splitting" and nomenclatural stubbornness has given us almost three names for every one that is needed. In some cases the distinctness of growth form has caused me to retain a name that botanists have "lumped" for botanical reasons. Such is the case, for example, with regard to Matucana, which I have treated as a distinct genus at an earlier date.

BORZICACTUS (synonyms -- Akersia, Hildawinteria, Clistanthocereus, Loxanthocereus, Bolivocereus).

This group has always included the shrubby cacti with slender, erect, ascending or prostrate stems; these are generally many ribbed and more or less spiny. The diurnal, zygomorphic flowers are generally scarlet or carmine.

In the past 10-15 years botanists have come to include several subglobular and briefly cylindrical genera here (Arequipa, Matucana, Submatucana), primarily on the basis of floral characteristics. While this is undoubtedly a case of close relationship, the degree of closeness of the relationship remains a matter of opinion. As the globular (not attenuated) forms are easily separated, from a horticultural point of view I can see no practical value to include them in Borzicactus.

Habitat: On the lower slopes of the eastern chain of the Andes of Ecuador and Peru.

Culture: Most of these species prefer warm temperatures (over 40 degrees F. at all times) and a rich, well-drained soil, with liberal water during warm weather.

CLEISTOCACTUS (synonym - Cephalocleistocactus).

This is a group of shrubby, caespitose plants with very slender, erect or clambering stems characterized by numerous spiny ribs. The flowers, occurring on the sides of the stems near their tips, are red, orange, yellow or green and are long, very slender, zygomorphic and do not expand at their open ends.. The fruit is fleshy and dehiscent (splitting to release seeds) when ripe.

Habitat: Paraguay, Northern Argentina to central Bolivia in the eastern Andean foothills.

Culture: Fairly frost resistant, these plants thrive in rich, loose soil with ample water needed in warm weather.

ESPOSTOA (synonyms - Facheiroa, Pseudoespostoa, Thrixanthocereus)

This group of medium-large plants produce clusters of columnar stems by branching at the base. Each stem has numerous low ribs bearing numerous areoles from which spines and long white hairs arise. When mature, each branch produces a pseudocephalium, which is a large mass of wool arising from a split in the outer layers of the stem. From this woolly pseudocephalium small, short, bell-shaped, day-blooming (rarely night-blooming) flowers are produced and the smooth, subglobose fruits arise..

Habitat: Southern Ecuador and north central Peru, primarily in the altiplano (the high plain - up to 11,000 feet in altitude - between the eastern and western chains of the Andes Mountains).

Culture: These plants need a rich, loose soil and plentiful water in warm periods. Post-seedling plants can take freezing temperatures.

HAAGEOCEREUS (synonym - Seticereus)

These are bushy cacti with many-branched, somewhat slender, often prostrate stems, each having many spinose ribs. The spines are, in many cases, quite colorful, some having zones of two or more colors. The day-blooming flowers are zygomorphic and stout, and come in bright shades of orange, pink, and red..

Habitat: Dry western, Pacific-facing Peruvian slopes of the Andes.

Culture: These plants require loose, rich soil and good air circulation.

OREOCEREUS (synonym - Morawetzia)

These plants form large clusters of comparatively heavy, hairy, heavy-spined stems by branching at the base. The erect stems bear areoles on ribs from which the heavy spines and white hairs arise. The slender, pink, red, or carmine, day-blooming, zygomorphic flowers also arise from the areoles.

Habitat: Species of Oreocereus are among the dominants of Andean highlands and plateaus from Peru to northern Argentina.

Culture: Much as in Espostoa.

As an indication of the abundance of generic names available for Andean and western South American cereoid cacti and not mentioned above is seen in the following list, which is by no means complete:

<u>Akersia</u>	<u>Neocardenasia</u>
<u>Azureocereus</u>	<u>Neoraimondia</u>
<u>Armatocereus</u>	<u>Rauhocereus</u>
<u>Weberbauerocereus</u>	<u>Stetsonia</u>
<u>Browningia</u>	<u>Samaipaticereus</u>
<u>Eulychnia</u>	<u>Trichocereus</u>
<u>Helianthocereus</u>	<u>Vatricania</u>

Given this wealth of names, surely every member has at least one plant to bring in. Let's see how many genera we can have representatives of at the meeting.

A MESSAGE FROM THE PRESIDENT.

As a follow-up on the disposition of Dr. Corliss' plants, the Board of Directors has decided to choose 150 of the best specimen plants and maintain them to be used as gifts for our Christmas program. The remainder of the saleable plants will be worked into our plant sales table as soon as possible. The plants unsuitable for sale will be put on the plant exchange table at the October meeting. Please do not bring plants for the exchange table, OCTOBER MEETING ONLY: Numbers for the exchange table will be called very slowly, with no more than 8 to 10 people at the table at one time. There will be no snitching or lifting plants before the numbers are called! I hope it will not be necessary to call you by name over the public address system and inform you that your number has not yet been called.

A Nominating Committee of three members was selected by the Executive Board in September. That Committee is:

Richard Latimer (463-1655)
Betty Athy (469-7647)
and Perlso Lewis (583-9085).

The duty of this Committee is to nominate candidates for the offices to be filled in December. The Committee shall report to the Regular Meeting in November, before the election in December. At the election in December, additional nominations from the floor are permitted, provided the nominee is present, and agrees.

The offices to be filled, and the duties, are as follows:-

<u>PRESIDENT:</u>	Chairman of the Board, and whatever it is I do.
<u>FIRST VICE-PRESIDENT:</u>	Responsible for the programs.
<u>SECOND VICE-PRESIDENT:</u>	Responsible for procurement of plants and garden supplies for the Plant Sales Table.
<u>TREASURER:</u>	Responsible for keeping the books, and Membership List.
<u>RECORDING SECRETARY:</u>	Keeps a record of all proceedings, in the minutes.
<u>CORRESPONDING SECRETARY:</u>	Takes care of all correspondence.
<u>TWO DIRECTORS:</u>	Aid in conducting all business of the Society.

The term of all Officers is two years.

The term of Directors is three years.

I know there is always much speculation about candidates for the different offices, and most particularly the presidency. I have served two years as Treasurer, one year as 1st Vice-President, and now two years as your President. I don't say this in any boastful way, just a statement of fact. Therefore, for three reasons I shall not be a candidate for any office. The first reason: I personally think the Presidency is too much of a fun job for any one person to hold more than one term. Secondly: the

Presidency requires you to come up with new ideas and directions for the Society, but frankly, I've used all mine up. Thirdly: I think the Society takes on, in some part, the personality of whoever the President may be. Having no grand illusions, I am well aware of the fact that our Society has survived and prospered, not because of me, but in spite of me. It is time for a more dynamic personality to take the driver's seat.

I would heartily encourage each one of you to seriously consider one of these upcoming offices. They are all a great deal of work, but a whole lot more fun. The more you become involved, the more enjoyment you receive. Anyone interested in running for any office, please contact any present officer or Board member.

See you all October 16th.

(Intld.) M.L.M.

ABOUT THE CSSA CONVENTION.

The 17th Biennial Convention of CSSA will take place at the Marriott Hotel in Tucson, Arizona, May 16th through 20th, 1977, with pre-registration taking place on Sunday, May 15th at the hotel - there will probably be some garden tours in the afternoon.

Monday, May 16, there will be further registrations with some programs in the afternoon. In the evening, after a 6.00 PM Reception, the opening Banquet of the convention will start, with addresses, awards, etc. taking place.

Tuesday, May 17, there will be an all day tour of local points of interest and the evening meal will be on your own and some fine programs in the evening.

Wednesday, May 18. There will be programs all day, with the evening meal being a CSSA Dinner and programs afterwards.

Thursday, May 19. Will be another all day tour of places of interest, with the evening meal being on your own. There will be programs in the evening.

Friday, May 20. The last day of the convention will start with the Delegate's meeting with official representatives from each of the affiliates meeting to determine where and when the next convention will take place. There will be programs in the afternoon, and then the Fun program starts with a trip to Old Tucson for a western dinner and entertainment. Maybe some of our more daring members might take part in a 'Shoot Out' at this time.

Some of the speakers arranged for this convention will include: Dr. Philip Downs of Durban, South Africa, Cynthia Giddy, also from South Africa, and Clive Innes, from England. From the United States, there will be: Dr. Larry Mitich from North Dakota, Ed and Betty Gay, Frank Horwood and Stan Olson from California; W. Hubert Earle and photographer, Bob Moulis from Arizona. Further details on these speakers will be sent each club at a later date.

WHY DON'T YOU START MAKING PLANS TO ATTEND THIS FINE GET-TOGETHER THIS NEXT MAY?

HEARTY THANKS from Ye Lady Ed.

Geoff and I would like to thank you, one and all, for your encouragement and appreciation of our first edition of "Espinasy Flores". We were particularly pleased to learn how thrilled everyone was at the re-appearance of Scotty's brilliant cartoons. I'm sure that you will be delighted to learn that Scotty assured me that he will be contributing to all future editions, whenever possible!

Our heartiest thanks are also due to the following:-

Dr. Hardy - for his informative and amusing talk, while showing us his beautiful slides of the "Succulents of Malagasy". I'm sure we are all agreed - it was one of the best ever!

Tom and Marie Hamecher - for their charming display table, which proved to us just how beautifully our succulents and cacti can be grown and displayed.

Jeanie Merrill, Belle Ladden, Verna Pasek, Doris Rake, Mr. Benbough, Gloria Cavanaugh, Rose D'Attelio, Sophia Loyland, Mary Birchell, Joan Johnson, Joan Fleer, and Audrey Johnson - for the delicious refreshments which we all enjoyed so much.

Scotty and I would particularly like to add our thanks to a "fan" from Las Vegas, (Mrs.) E. Wacker, who sent me a most encouraging postcard. It arrived in the mail just before I left home to attend the September meeting, and was thus doubly welcome! It read as follows:-

"So very nice to read "E. y F." each month, and, for a new Editor, you have done great! I know half-a-dozen people in the Club, and was so happy to see Scotty's cartoon. Please have him send you a dozen so we may enjoy them all year. Could you put "In this Issue" up front? Thanks." (Sgd.) E. Wacker, Las Vegas.

The request for more cartoons from Scotty has already been answered. As for "In this Issue", we'll certainly try to place it up front in future editions - I must admit, it does seem to make more sense! Thanks again, "E. Wacker" for your kind encouragement.

I would like to add yet one more "thank-you" note, this time from the San Diego Floral Association:-

"Many, many thanks to Verna Pasek and the S.D. Cactus and Succulent Society for providing plants for our workshops. It is indeed heartwarming to be able to report to you about the co-operation and help we continue to receive from our affiliated clubs. It is another example of how working together inspires friendship and goodwill."

I'm sure you will all be interested to learn that Ruth Stanton has moved, with many of her beautiful plants, from Carlsbad to her new home, not far from the San Luis Rey Mission. Her new address is: 219 Avenida Margarita, Oceanside 92054, (433-2992).

Congratulations to Palomar Cactus & Succulent Society for their beautiful exhibit at the San Diego Wild Animal Park's "Autumn Plant Festival", which took place last week-end, September 25th and 26th. They were awarded a well-deserved Blue Ribbon for Best of Show, and a Special Award for the Best Educational Exhibit.

SAN DIEGO CACTUS AND SUCCULENT SOCIETY

Officers

PRESIDENT - Martin L. Mooney, 97 K Street, Chula Vista, Ca. 92011 427-6796
1ST V.P. - Madelyn Lee, 2310 Bella Vista, Vista, Ca. 92083 1-727-1364
2ND V.P. - Reed Pierce, 3525 Wilshire Terrace, San Diego, Ca. 92104 291-1994
SECRETARY - Doris F. Rake, 4410 38th St., San Diego, Ca. 92116 282-1722
TREASURER - Russel Evans, 3115 Nile, San Diego, Ca. 92104 284-5859
CORR-SEC. - Jeanie Merrill, 9306 Mesa Vista, La Mesa, Ca. 92041 469-6014
PAST PRES. - Loyal Bibbey, 490 Citrus Ave., Imperial Beach, Ca. 92032 423-5133

BOARD OF DIRECTORS

1 year term: H. Warren Buckner and August Pfeiffer
2 year term: Mary L. Birchell and Perlso Lewis
3 year term: Shirley Berry and Thomas Hamecher

COMMITTEES FOR 1976

ACTIVITIES - Perlso Lewis
EDUCATION - Madelyn Lee, Succulents.
Dr. George E. Radwin, Cacti.
EXHIBITS -
LIBRARY - Edith Werner, Pat Mooney, Helen Hegyi and
Mike Johnson.
MEMBERSHIP - Russel Evans
PLANTS AND SUPPLIES - Reed Pierce.
PROGRAMS - Madelyn Lee.
PUBLICATION -
RECEPTION - Lucile Beckfield and Edith Billmyer.
REGALEMENT - Jean and Leta Hapeman.
Rep. to S.D. Botanical Garden Foundation - Mr. and Mrs. Robert Anders.
Rep. to S.D. Floral Association - Verna Pasek.

MEMBERSHIP: The San Diego Cactus and Succulent Society is open to all persons interested in growing cacti, other succulents and exotic plants.

Dues: \$5.00 annually, due in December of each year.
Single copy of E y F: \$0.50.

Meetings: 2nd Saturday of each month, 1.30 p.m., Room 101,
Casa del Prado, Balboa Park, unless otherwise indicated.
Board convenes after the general meeting.

Deadline for November publication is:

October 30th...PLEASE!!!

BARTER BOX.

Nellie Kennett (477-7857) would very much like to acquire (by buying or trading) the following plant: Paramount Hybrid "Electra" - a cross of echinopsis and lobivia). Would anyone having knowledge of how, or where, she can acquire this plant, please contact Nellie at our October meeting, or the above telephone number. Thank you.

Abdrey Johnson
1226 Citracado Pky.
Escondido. CA 92025
Address Correction Requested