



ESPERANZA

Y

FLORES

FELIZ NAVIDAD

Another year coming, another Editor, and another way of putting out our paper ... a better way ... photo offset copy. Tony's "spines" must have been the first to be printed in that manner, then Scotty did his Supplement for the Convention. It became more convenient to have the masthead reproduced in like fashion than from the plate. In this issue Ione will be surprised to find Her Message done downtown...Corliss had his run off, too, and hope he doesn't mind that we had to use his back-

side in an effort to keep to 12 actual pages...it's easier to collate as well as costing more postage the first sheet over 12. We may not save money -- but we will save tremendous wear and tear on PEOPLE. **And wasn't I right, Nellie -- "1971 sped swiftly by", my very first words proved brilliantly prophetic...

It will be interesting to have our first meeting in the new building and we won't rattle around at all -- we will have plenty of room to spread out for a change... FLORAL ASSOCIATION (of which we are an affiliate) has always been our landlord, more or less...Botanical Foundation was formed as a money-raising branch for Floral, not to become the tree itself...

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Message from the President

With 1971 coming to a close, I want to express for all the members of San Diego Cactus & Succulent Society their appreciation for those other members who have contributed to our enjoyment of the various activities of the group "above and beyond the call of duty".

To our illustrious life member "Doc" Reuben V. Vaughn, our deepest appreciation for his many outstanding contributions to C.S.S., and just for his inspiring presence at meetings and his delightful "off-the-cuff" commentaries. He's wonderful! So is Ruth!

WALT SCOTT - for the informative and entertaining programs he has unfailingly presented.

NIBBY KLINEFELTER - for editing one of the most outstanding publications available.

OLIVER & SOPHIE LOU LAND - for the tremendous amount of work they have done in ordering, planting and propagating the hundreds of plants they have hauled back and forth each month, enabling each of us to add to our own collections through their gracious efforts. And

RICKY LATIMER very ably handled this activity during their vacation - a very up and coming cactophile.

FLOYD GABLE = for educational programs and articles that were really informative to layman and professional alike. The programs he has conducted at each meeting have taken a very sizeable contribution of time and knowledge from his busy time schedule.

And where else would we hear those delightful travelogues for which we await his return from lands of which most of us have only read except Dr. Phil Corliss. He's the most!

And TONY d'Atillio's drawings and articles - sheer joy!

RUTH NELSON has built up a library for our Society second to none, and has kept it intact through her meticulous records, ably assisted by HELEN HEGYI, TAT MOONEY and EDITH WERNER.

WILSON WELLS' beautifully organized work on exhibits, and his supervision of our Fair displays, pointed up the outstanding artistry of WILBUR WIER, the NELSONS, the LOULANDS, the SCOTTS, JIM STALSONBURG, NIBBY K., FLOYD GABLE and the many members who worked with these chairmen.

ANGIE PEIFFER has kept us abreast of the developments in the Park planting, despite a tight work schedule of his own.

And those delicious refreshments with which we were "regaled" at each meeting are due to the efforts of HAZEL SCOTT and ROSE d'ATILLIO and their many co-workers.

Evident at all our meetings in a more general way is the extensive work done by:

Treasurer WARREN BUCKNER

Recording Secretary HARRIET SOPP

Corresponding Secretary PERL SO LEWIS

Hospitality Hostess JILIANNE RICE

Historian RUTH RICHARDSON

Cactivities Chairman ED MILLER

individually commend all who have helped make our Society a group of friendly, well-informed cactophiles held together by a common interest.

Jone Hubner

REPORT OF*
NOMINATING
COMMITTEE*

- _____ for
- President Augie Pfeiffer
 - 1st Vice President Floyd Gable
 - 2nd Vice President Ricky Latimer
 - Treasurer Martin Mooney
 - Corresponding Secretary Julianne Rice
 - Education Chairman LeRoy Phelps
 - Editor Walter Scott
 - Exhibits
 - Historian Rose d'Atillio
 - Director-at-Large Loyal Bibbey
 - Continuing as .. Librarian Ruth Nelson
 - On Board as Immediate Past President ... Ione Hubner

The offices of Exhibits Chairman and Recording Secretary have been left open as we wished to get Bill & Alice Bishop to fill them. The Committee was unable to contact them as they were out of town. However, it is our hope that they will return in time for the December meeting and we will have the opportunity to ask.

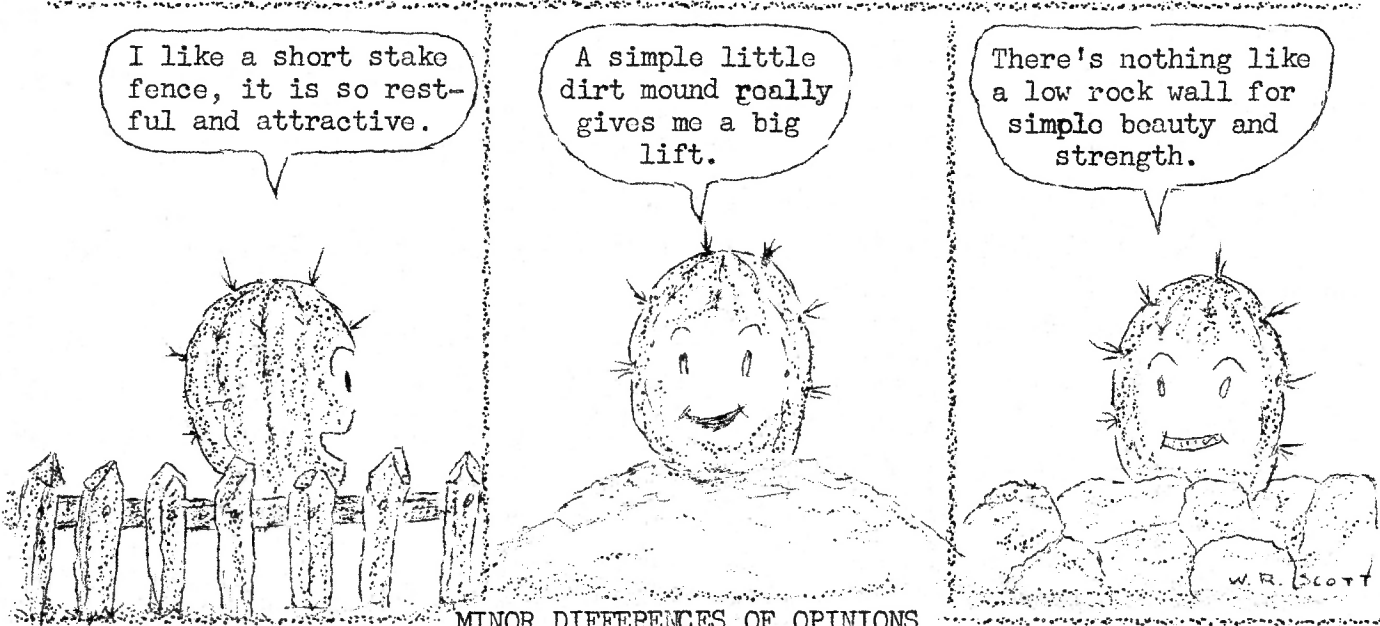
Generally, the 1st Vice-President follows the office of President. This year Walter Scott is 1st Vice President but it is the feeling of the Committee that Scotty should be President in 1975 when the National Society will hold its convention in San Diego. Also, in view of this fact, Walter has agreed to edit the news media of the Society for 1972.

The Committee also wishes to suggest to the newly elected officers and other Board Members that they choose at least one younger member of the Club to be an associate-in-training. Following this idea, the Loylands asked to reverse the situation by recommending Ricky Latimer for the office while they would be his associates-in-Aid with the Plant Table.

Respectfully submitted,
NOMINATING COMMITTEE

Wilson L. Wells
Wilson Wells, Chairman

LeRoy Phelps
Nibby Klinefelter



MINOR DIFFERENCES OF OPINIONS

SUCCULENT-OF-THE-MONTH

SEDUM HINTONII

- - Floyd L. Gable - -

The genus SEDUM is in the CRASSULACEAE family. Its distribution is world wide. Some species are annuals, some biennials and some are perennial. It also occurs as shrubs of various sizes and shapes.

The genus is divided into 23 sections which are subdivided into groups. The majority of species are quite hardy but some of the tropical species from Central Africa, Madagascar and Mexico require some protection against low temperatures in the winter months.

Our Succulent-of-the-month Sedum hintonii is in the group requiring winter protection. Its flowers are always white and the stems are very hairy. Stems may be from four to twelve inches long and the flowers are produced on the stems during the second year.

S. hintonii is in what is referred to as the "Sedastrum" group of the Crassulaceae family. Sedastrum is a Latin word meaning "houseleek" and "star" and it refers to the Mexican sedums in particular.

Sedum hintonii is one of the rarer miniature sedums. It is well adapted to pot culture and it is much favored by collectors. It is one of the most unusual of the sedums. In its early stages of growth before it starts to branch, it resembles a miniature Echeveria setosa more than a sedum. (Note sketch)

It has pale green, rotund leaves which are completely covered with bristles.

Other unusual species in the Sedastrum group from Mexico are:

S. chapalense, S. ebracteatum, S. glabrum, S. hemsleyanum, S. incertum, S. pachucense, S. painteri and S. rubicaule.

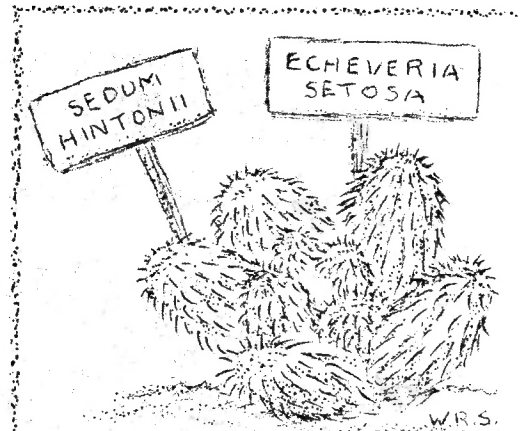
EXCUSE US NIBBY---TIME OUT FOR WORDS:

The keyboard of this typewriter heated up suddenly, something happened to the keyboard area. This typist has for many years encountered thousands of words, most of which he has been able to find in reference books if not in a dictionary.

TODAY IT WAS DIFFERENT! All the books failed; the words appeared to be in disguise; they assaulted in force. We were forced to retreat. Eight words in one sentence was our "Worda-loo". Never before have we encountered so many strange, tongue challenging words consisting of less than 26 letters in one spot. Something must be done to cool the situation.

Let's retreat for now, marshal our libraries and prepare for a counter-attack on the source of trouble---Sedastrum and all its sedums. Let's make friends of them, learn their meanings and take over by joining them. Everyone in favor shout "S" for SEDUM and SEDASTRUM and let the eight specifics simmer in the alphabet soup.

Augie, could we award a F. glaucescens to the contest winner, page 7 in Jan. '72?



??? ? SEDUM HINTONII ??? ?

READER'S OPTION: Feel free to
X-out the name tab you think
is least in keeping with Mr.
Gable's description of S.
hintonii. You're welcome!!

CACTUS-OF-THE-MONTHFEROCACTUS GLAUDESCENS

- By Floyd N. Gable -

The habitat of CACTUS-OF-THE-MONTH, Ferocactus glaucescens is central Mexico. F. glaucescens is usually solitary in its growth habit but it sometimes sprouts around the base. It is globular, becoming slightly elongated with age. A mature plant may be sixteen inches high and ten inches across.

Typically it is a pale grayish-green color and intensely glaucous (bluish-gray or bluish-green; covered with a whitish bloom.) It has 11 to 15 acute ribs which are about one half inch high and separated by a slightly greater distance.

Radial spines are erect, awl-shaped and ringed. They are amber-yellow in color and about one and a half inches long. Central spines are longer. All spines are erratic in direction of growth and from areole to areole.

The flower is funnel-shaped and about one and a half inches long. Its petals are glossy yellow, lanceolate and finely toothed. The flowers remain open for a week or longer.

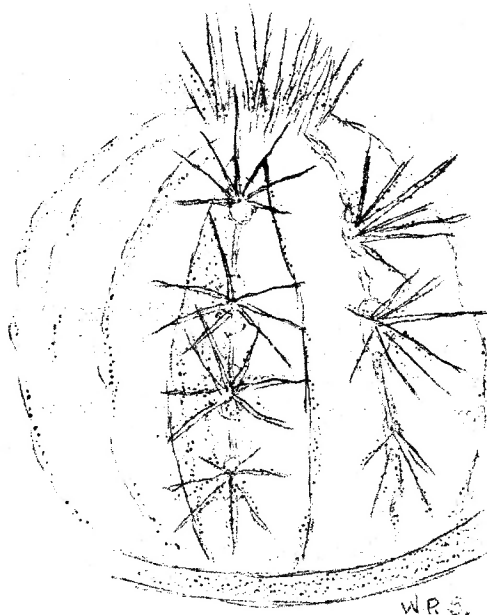
F. glaucescens is a very attractive species and it is of easy cultivation. It grows quickly from seed.

Ferocactus means "ferocious" or "fierce" and the name is well justified by the spiny armament of the genus. There are about 43 known species of Ferocactus and they are native to Mexico, Texas, Arizona and California.

All species require full sunshine with a moderately rich, porous soil which allows for perfect drainage. Flowers of all Ferocactus species are large, bell-shaped and of different colors such as red, violet and yellow. The flowers are borne on the inner portion of the young areoles at the top center of the plant.

Some Ferocactus species such as F. diguetii grow to a very large size, sometimes to twelve feet in height and more than thirty inches across. Our southern California species, F. acanthodes, will grow to nine feet and a diameter of thirty inches. The larger species, such as the last named two, are usually solitary--rarely sprouting.

*CLUB MEMBERS PLEASE NOTE: You are asked to complete the "unfinished masterpiece" in your copy of Espinas y Flores by adding areoles, spines and other characteristics as defined in Mr. Gable's description and bring it to the December meeting on Saturday the 4th in Casa del Prado. President Ione Hubner will appoint a judging committee of two (Dr. Leroy N. Phelps and Illustrator Anthony D'Attilio) to judge entries and select three finalists. It must be noted that the judges cannot be barred from entering the contest inasmuch as they are Club members in good standing. In the event either or both judges are among the three finalists, incoming President Augie Pfeiffer will toss a coin to determine the final winner.

FEROCACTUS GLAUDESCENS

Unfinished masterpiece*
(See note below)

MINIATURE ALOES

Home growers of succulents prefer not to include any of the ordinary Aloes in their collections because of the space problems that they generate. Some of those that eventually grow into large plants are very attractive as seedlings or juveniles. Nevertheless, many collectors are loathe to include them because they will grow too big.

However, among the Aloes are some dwarf kinds, "Miniature Aloes," that are of a size easily accommodated. Aloe descoingsii, a rare one, takes up the area of a half-dollar. Native to Madagascar, it was discovered in 1956. Now in bloom (October 25th) at the Brooklyn Botanic Garden is Aloe jacksonii. The plant, when in flower, is a delightful miniature. The inflorescence of 16 flowers is about 8" high and the nodding flowers are an inch long. The flower is a tomato red for most of its stoutly tubular form. The base of the flower is swollen. Near the apex is a narrow, yellowish ring and the tips are green. The overall color effect is not one of bright, clear colors, but surprisingly of a striking and attractive nature. The leaves of the plant are few but pleasing to the eye, being of a subdued gray ornamented with elongated white spots. The leaves are fleshy, flat on top, rounded below. The foliage itself is about 2" high, the few leaves are widely spreading. This is a true aloe. It comes from Ethiopia.

Another related dwarf-size plant in flower goes under the name of Aloe bellatula. The flowers are bright-orange-red, pendent and about 20 to a stem, making a cheerful graceful raceme. The flowers are small and long-bell shaped. The spray has an informal effect and the individual flower is gay and choice. Because of all this, so different from the many uniform Aloes, I am convinced it should be put into a genus, perhaps, perhaps not one yet named. But someday some botanist will take care of that. Our clump has 6 big sprays of flowers 18" tall and has been in blossom for a few weeks. The leaves are about 6" long, tending to lay out horizontally arching, are only an inch wide concave, semicircular in cross-section, with numerous pale green spots.

Another miniature, Aloe haworthioides, forms a many-leaved rosette that could pass for a Haworthia. The long, triangular leaves, about one inch long, are of the richest dark green, edged with tiny contrasting, white bristle teeth. The bright effect of the teeth is viewed best when looking directly down on the plant. It is native to Central Madagascar. The inflorescence is tall for such a small plant, the length of the spike stem being about 10", and can be more. The flowers are densely packed at the top of the inflorescence and only about a quarter-inch long. They are white to pale pink. The variety aurantiaca, pictured in Aloes of Madagascar and Tropical Africa, looks just like a fine Haworthia setata. Aloe descoingsii, mentioned above, is one of the most unusual of succulents because of its very tiny form and rather unusual appearance. The leaves are about $\frac{1}{2}$ -inch long and $\frac{1}{2}$ -inch wide at the base, making a short, broad triangle. They are dark gray with subdued spotting. Our plant has about 7 leaves and is mature, having been in flower. The flowers on the slender stalk are small, about a dozen, and are urn-shaped. They are of a light reddish color with yellow tips. When I was visiting with John Lavranos in Johannesburg he showed me the type-plant, the one that was used in describing it for the first time. It is so attractive that I had a chance later to purchase one for \$4 and don't regret its cost.

Thanks to CACTUS COMMENTS (Nov '70) -6- by George Kalmbacher
of NY C&S. Mr. Kalmbacher is listed
in the '70 Dictionary of International Biography, London.

Also from CACTUS COMMENTS, the monthly news letter of the New York Cactus & Succulent Society, Volume 10, Number 8 - June 1971 - under the heading of JOE EMMA SAYS:

"When I started writing these columns some years ago, I was under the impression that a columnist always received sacks of mail from his readers, who either approved or objected to what he had to say in his column... To date, my incoming correspondence has consisted of one letter from George Kalmbacher, in which he found fault with my nomenclature of several species of Cephalocereus found on the islands of Curacao and Aruba. On one other occasion I received a letter from George praising an article of mine that appeared in the CACTUS & SUCCULENT JOURNAL.... The time has come for me to call an end to this column... I've enjoyed writing it - I hope you have enjoyed reading it. What Cactus Comments needs now are more contributors from the membership in general. Some of our members are such good talkers that they keep on going right through the program... So if you have something really valuable to say, why not write it down and send it in to the paper?"

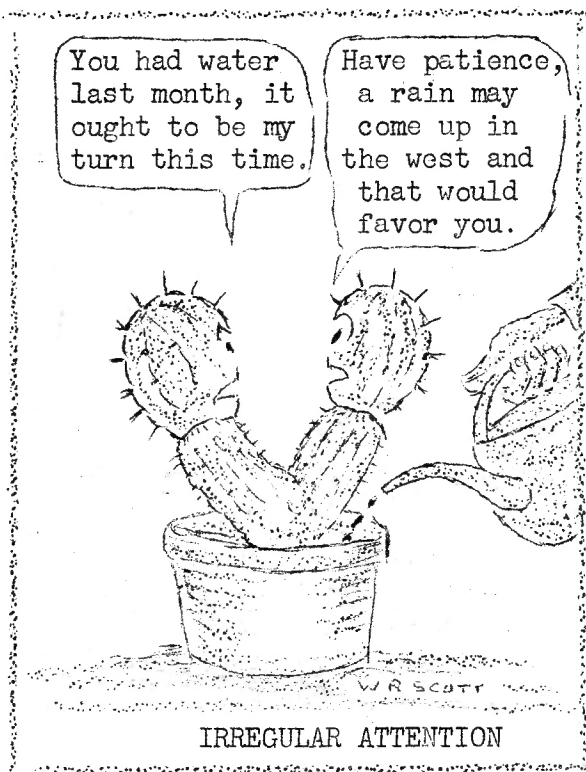
Yeah, Joe Emma -- you said it first -- but it must apply to every Society -- IT DOES TO OURS... in this season of giving, let us begin by GIVING FULL ATTENTION TO THE SPEAKER: (Please don't talk to the Editor during programs!)

POSTSCRIPT to that issue of CACTUS COMMENTS by the Editor, and Publisher, Isidore Greenberg:

"It is with regret that this will be the last issue...Increasing pressures from other quarters, advancing age, and health factors dictate that he slow down...Further, he has been committed to many responsibilities that he must relinquish for he yearns to get back to some things of first love, one of which is THE CARE, CULTIVATION and REHABILITATION OF HIS COLLECTION, so long neglected.... It has been a pleasure doing it and has afforded a deep personal satisfaction...Again, he does hope that someone will step into the breach!"

--o0o--

This outgoing editor of EyF feels many ambivalent emotions re "publishing" this paper; it has been a satisfaction and a feeling of accomplishment but it will be good to get back into the garden again without feeling guilty... How fortunate we are that we have no problem ... no breach ... for the incoming editor has been such a working part of the paper for so long, through all three of the past "administrations" that we wager the January issue is well under way already. Scotty is talented, organized and willing -- LONG LIVE THE EDITOR: --o0o-- If CACTUS COMMENTS has resumed publication, we would appreciate having it addressed to 2201 Fairfield, San Diego 92110 for I am continuing to write Nibby's Notebook including being Exchange Editor. Otherwise, we should probably bill NY C&S for ESPINAS y FLORES ...? (Mr. Byron Greenburg, take note.)



IRREGULAR ATTENTION

from the Journal

Dec '71

CSSA JOURNAL arrived Saturday the 27th ... read the small print ... subscription rate will be upped to \$7.50 a year ... individual members of affiliated societies won't be charged new rates until after Dec 31st -- renew this month for \$6.00 ... I looked in vain for notice of outcome of election with two of our members running ... in fact, three, since Leo Pickoff joined in November ... Scotty and Dr. LeRoy N. Phelps are running for Board Members... found why when I checked the Sep-Oct issue - MAIL BEFORE NOVEMBER 24, 1971 but again in the fine print "ALL BALLOTS RECEIVED NOT LATER THAN MIDNIGHT OF DECEMBER FIRST SHALL BE COUNTED" - that's Wednesday - hope everyone has voted - Directions were VOTE FOR THREE ONLY which is clear that you can't vote for more than three - but less? I was waiting, in fact, for my ballot to arrive by mail separately from the JOURNAL ... hopefully, won't make THAT mistake again ...

Perlso Lewis asked to be relieved of being affiliate to CSSA ... and Hazel Scott will take that over, which is a natural .

Do subscribe, whether at \$6 or later at \$7.50 if you are seriously interested in C&S, you can hardly afford to be without the JOURNAL. On page 241 (Nov-Dec '71) the letter from Mary and Don Keirr from Indiana, "NO CACTUSLAND", to Scotty printed offset in our last issue, appeared ... interesting choice of material from EyF without a credit line... anyone for Round Robins? To start soon - one for Crassulas and another for small cacti ... that was a great picture of Bob Taylor - we are so very fortunate to have Bob & Suzanne in our group! ... one of our paper members, Dudley Gold, is frequently pictured in the JOURNAL ... (see figure 151...he's peering from among the Escontria chio-tilla but WHAT is he wearing on his head?) I held back Dudley's last paper because I wanted to send it airmail (only 24¢!) to ask him to whip up a little something for these pages - his address is Apartado 979 - Cuernavaca, Morelos, Mexico...don't believe it's in the mail YET ... The Curator of Botany in our own San Diego Natural History Museum, Reid Moran, has an article on Graptopetalum pentandrum, a new species from Mexico, illustrated in color ... As soon as EyF publishes in color, Mr. Moran just might write an article on Idrias ...he has a fantastic collection of slides of Idrias with limbs adangle and askew ...wish we could get him to show them to our Society...

Another of our reader-members, Martha van Ness, of Pacifica, California, has just had her book CACTI & SUCCULENTS INDOORS & OUTDOORS published. The JOURNAL reviewed it. Waxing breathlessly indignant over bits of misidentification, they still admitted that it is INTERESTINGLY WRITTEN, HANDSOMELY ILLUSTRATED & DESIGNED, AND FULL OF USEFUL INFORMATION... what else do you want for your \$8.25? Available from Abbey Press, of course... but have you checked our local bookstores, Ruth? Perhaps Nellie or Billie Lucas would review it for us...?

CSSA has a new Committee to handle exchanges of publications and seed between U S & foreign countries. Manny Singer of LA C&S handles it. Why doesn't our Society simply GIVE a subscription to Professon Plesnik ??? Remember the wistful sound in his letter last month: "Some members also get foreign magazines, mostly German, but sometimes Dutch, French, American or Mexican... As a rule only those get them who have relatives or friends abroad BECAUSE IT IS NOT POSSIBLE TO SUBSCRIBE IN FOREIGN EXCHANGE, neither in Czechoslovak currency." Why not, **GIVE** indeed?

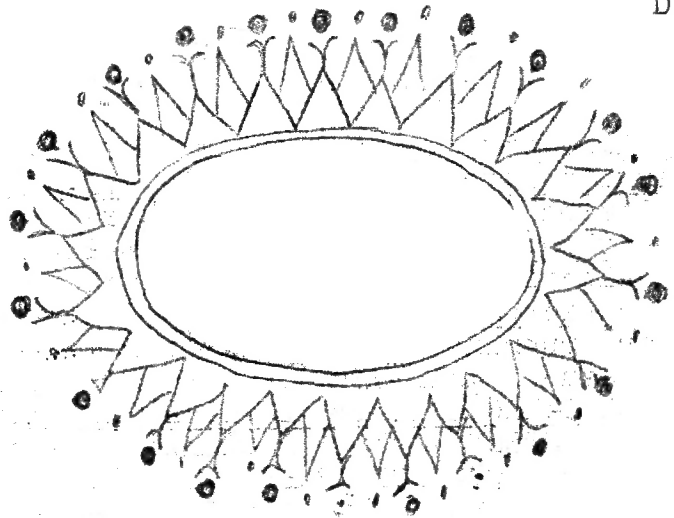
NIB'S NOTEBOOK

H*A*P*E*Y HOLIDAYS TO YOU!

Doesn't this twelfth month of December seem more autumnal than Christmas-y? At least in California ... the cheerful scarlet of nandina nodding in airy grace along downtown streets ... another Persian carpet to see in the "back country" of golden sycamores and all colors that glow are found in the liquid-ambar among the stately dark green spread of the live oaks...

Didn't we have a GREAT DAY at the Dedication ceremony? Hazel said she could pop her buttons in pride for our Society ... the list of people with plants who cared enough to come is a long one and not at hand ...but with Julianne and Edith Billmyer helping Hazel hostess, it went well ... Wilson knew it would when he surprised the Scotts by announcing the job was theirs at the meeting the week before ... He knew they wouldn't have any real problem with all the others who, too, are willing and eager ... that's what comes of letting your capabilities show, kids ... On the other hand, Wilson, old chum, we might sneak in another meeting of the Nominating Committee before Saturday...even if by telephone... Those who Worked So Hard, as well as those who hasselled so much over the updating of the by-laws will remember with a giggle and a snicker how one dark horse came prepared to the meeting with a set of by-laws already printed with the changes he favored! ... One of the greatest things about by-laws is their very flexibility; they are created for the group rather than the reverse.

Ran into young Gilbert Voss at Casa del Prado opening...now why isn't he a member of our group? Naturally I asked for an article ... he was obliging enough to tell me what he has been up to recently ... just back from Baja a few days before, Gilbert had spent a month collecting with Reid Moran... Currently employed at the Natural History Museum, too, Gilbert is at work studying the Opuntias of the Peninsula with "the hope of making some sense of them" ... He said the main purpose of the trip was to accompany Dr. Moran and Annetta Carter of the Herbarium at UCB in climbing Cerro Mechudo - previously unclimbed and unexplored mountain on the gulf at the southern end of the Sea of Cortez.



believe in the sun,
even when it is not shining

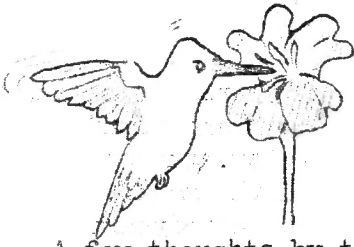


believe in love,
even when I feel it not



believe in god,
even when he is silent.

Author Unknown



Doc Vaughan Writes

Dec '71

A few thoughts by the "Ancient One" as he mulls and muses over the many mysteries that have made his journey along LIFE'S trail so interesting.

Came the warmth of returning summer and I laid gently upon the couch of Mother Earth a chayote that had hibernated the winter season in a darkened basement.

A rose and a fern shared that wall that faced the East from which all GOOD arrives each day in a golden orb of sunshine. During the days that followed the warmth of returning summer, the rose brought forth her blossom and the fern caressed the wall as she unfolded her hidden beauty. The chayote awakened and sent forth a tender finger to probe the moist, warm earth and found it good. As the rootlet sank deeper the chayote put forth a tendril that fingered the wall's face and found it good. From the porch above I dropped a piece of binder twine. The tendril found it and wrapped around it and rapidly grew upwards, using that hidden tactile sense that vines have built in their beings. Then I noticed the offshoot tendrils that failed to find a foothold died away quickly and only the tendrils that had secured holdings continued to hold on and grow. Nature cast away the unused tendril; possibly to save strength for the useful ones.

A hummingbird that nested in the Norway pine tree found the tiny yellow blossoms and made the vine his dining headquarters. Then a wandering bee, which we seldom see here on the Point Loma area found the blossoms and joined the tiny hummer at the feast. Then I noted with great pleasure that each female blossom was pregnant with celestial fire and a promise of much food hanging along the wire gently kissed by the western sea breeze.

Being a man who bows low and gives THANKS to the MIGHTY O N E who ordained all these mysteries, I sat in deep humility and watched the hummer and the bees. I recalled that each had within themselves LIFE. Each had a brain, heart, digestive tracts, warmth, and all that I had and possibly more as they had the ability to fly and to find their homes from miles afar.

During my life I had been told that EVOLUTION had brought about this symbiosis of flower and insect as the EARTH was being prepared for man who would arrive upon Earth and have dominion thereon. To question these scientific theories would be heresy, but I wondered how a hive of bees could be evolved because of the complexity of their social systems, their knowledge of homing, their ability to lead other bees to the nectar that some homing bee had discovered, of their built-in defense systems, and their cleanliness that prevented foul-brood when in their native habitat..

I was taught that heliotropinism made a tree follow the sun around during the day, and also that many plants do the same, that geotropinism made roots go down in the soil. All this was good - but what put that ability in the bee and the plant and the bird and the bee?

While living in the desert I noted that the smoke trees were usually clumped along arroyo or dry stream beds and only there. Careful research proved that the seed of the smoke tree is hard as metal and it takes a lot of grinding and abrading to wear it thin so the root can seek the soil and water. After each winter freshet the tiny seeds are bruised and abraded and carried down stream and deposited where former soil was left by desert cloudbursts. A few days after a seed was cast on this damp soil roots were found to be 14 feet in length! In Montana, where grows the once plentiful "Bunch-grass" upon which the buffalo fed, men tried to raise this food for their herds without success. WHY/ they asked, and the answer was that this particular grass MUST have below zero temperature to be stimulated to grow when the rains came in early spring as the bisons migrated northward with the new grass green and succulent.

(Continued on next page)

LIFE -- Continued

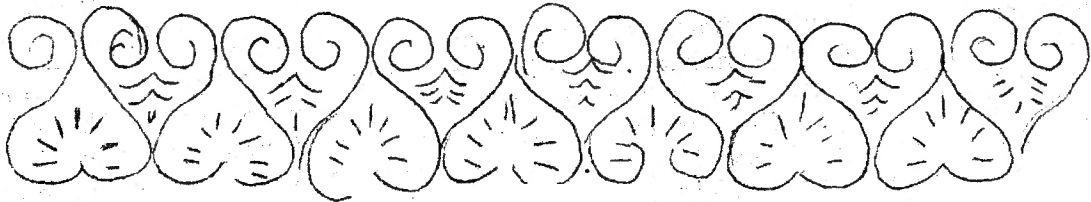
Man Makes LAWS. They are ephemeral, transitional, soon disproved and found worthless - BUT the LAW of LAWS is absolute. The gravitational pull of gravity, the carrying capacity of running water in relation to speed as it speeds downward from the mountains unto the alluvial plains, pressure in relationship to atoms in gas, law of aerodynamics, et cetera ad infinitum.

ALL these LAWS were here before there was an EARTH and BEFORE there was an UNIVERSE. That is something to THINK about when you read that MAN is going to create LIFE in a test tube from UREA (CNOHS) and grow it in amniotic fluid.....

As an Elder Statesman in my hogan here on Point Loma, I view the passing scene and compare it with the many years I have observed that which has gone before, and my prognostications are not good. My sight I may seal, BUT man cannot hide what

GOD WOULD REVEAL.

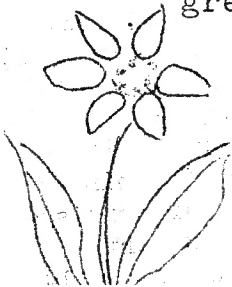
-- Doc Vaughan

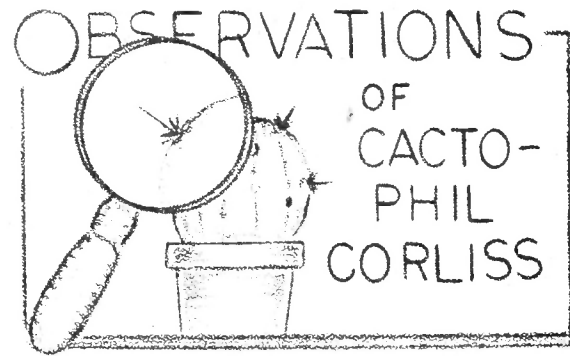


ESPERANZA

THERE WILL COME A TIME, I KNOW. WHEN PEOPLE WILL TAKE DELIGHT IN ONE ANOTHER, when each will be a star to the other, and when each will listen to his fellow as to music. *** The free men will walk upon the earth, men great in their freedom. *** They will walk with open hearts, and the heart of each will be pure of envy and greed, and therefore all mankind will be without malice, and there will be nothing to divorce the heart from reason. *** Then life will be one great service to man! *** His figure will be raised to lofty heights -- for to free men all heights are attainable. *** Then we shall live in truth and freedom and in beauty, and those will be accounted the best who will the more widely embrace the world with their hearts, and whose love of it will be the profoundest; those will be the best who will be the freest; for in them is the greatest beauty. *** Then will life be great, and the people will be great who live that life.

Excerpt from MOTHER by Maxim Gorky





Strenuous but utterly fantastic was my recent excursion to Central and South America. Twelve flights, seven countries, magnificently entertained (although in advance I knew only my host in Costa Rica), judging a flower show and giving several talks added up to an unbelievably eventful adventure.. Although the U.S.dollar is being devalued, the currency of some of our southern neighbors has dropped even more and I spent less than I had expected. Rio and Lima were most expensive because of their inflation, while Montevideo and Buenos Aires are tourist bargains.

On a Saturday morning I flew San Diego-Los Angeles-Guatemala City, arriving in late afternoon. Cactus and euphorbias are used in public and private landscaping in a rather limited extent. Perhaps the heavy rainfall precludes more use. My Sunday sightseeing tour to Chichicastenango and Lake Atitlan far exceeded in interest my expectations stemming from many movie and T.V. viewings. Sunday is the BIG day for the Indian market and the Indian religious rites at Chichicastenango. Lake Atitlan, nestling midst three volcanos, is one of the world's most beautiful lakes.

On Monday I flew to San Jose, Costa Rica, with stops at the airports of Managua and San Salvador. Costa Rica was the only country not bristling with armed soldiers, for all of Central and South America are in deep trouble. Costa Rica has no soldiers - only police. Their money goes for schools, and as a result, they have by far the highest literacy rate in Latin America. Juan Castellan, who recently worked in San Diego, was my constant host in Costa Rica. His family is a prominent one, and he drove me to the family's coffee plantations, vegetable farms, and over the mountains to the Pacific coast where they own a motel at a beach resort. One day we drove up the Irazu volcano. We attended a concert by the National Symphony of Costa Rica. There is a sizeable U.S.colony in San Jose. There is a wide use of cactus and euphorbia in the landscaping of new homes in San Jose. The cacti are principally the cylindrical ones - cereus, etc.

Thursday I flew to Quito with an overnight stop in Panama. Nestled in the mountains at an elevation of over 9,000 feet, I thought Quito to be the most charming of all the cities I visited. The population is only about 300,000 and the city is small enough to permit exploration on foot. It has an old historic area and a gleaming modern section...

Early on Saturday morning I flew to Guayaquil, a port city of more than 600,000 residents. Warm and humid, it was still enjoyable and small enough to be thoroughly investigated on foot. Although the two great cities of Ecuador have splendid parks with fine trees, there were few cacti to be seen.

On Sunday I flew to Lima and was met at the airport by Karel Knize who is now probably the leading exporter of South American cactus plants. He drove me to my hotel and later he and his wife took me on a sightseeing tour. Lima is a bustling modern city, much like Southern California, especially the Miraflores residential section at the coast, where the palisades remind one of Santa Monica. Large areas of shacks of the poor contrast with the skyscraper apartments of the well-to-do. Traffic and smog are horrendous. They have some good freeways. I was delighted to be shown the historic fort at Callao which throughout the history of Peru had withstood all attacks except for its one seizure by the Chilean Admiral Cochrane. We had supper at the Knize apartment, my first visit to one of South America's modern skyscraper apartment homes. The next day Karel drove me to his nursery in Chosica, 25 miles east of Lima in the Rimac River valley. After I selected more than one hundred new plants for my collection we drove up a fine paved highway to Matucana, 6,000 feet above Lima. Here I was in a cactophile's paradise, collecting and admiring many a matucana, mila, melocactus, haageocereus, loxanthocereus, and an euphorbia with red flowers and purple leaves, indigenous only to this region.

OBSERVATIONS - concluded.

The next stop was Montevideo, with an airport stop in Santiago. Uruguay, once the pride and cultural center of South America, has been brought to its knees by the communists with strikes and disorders and is in the process of being taken over by the reds. I was hosted by Mrs. Betty Henderson, president of The Garden Club of Montevideo, who showed me the sights and took me to visit two cactus enthusiasts and collectors, Srs. Miguel Muriel and Hugo Schlosser. Both have fine collections, principal emphasis being on frailea, notocactus, and gymnocalycium. (More about them next month.)

After 48 hours in this beautiful but unhappy city I flew to Buenos Aires, the greatest city in South America. Of Argentina's 24 million inhabitants, over 8 million of them live in B.A. and its great suburbs. I was met at the airport by Sr. Barkev Gonjian, long the leading cactologist of the city. He took me to my hotel and then to a meeting of the Buenos Aires Cactus and Succulent Society where a program with slides and movies of the succulents of South Africa was being given. I was introduced and showed some slides. After the meeting we went to the greatest (admitted by all authorities) beef restaurant in the world - "La Cabana" - for dinner of the largest and most delicious steaks I ever expect to see. This was Friday. On Saturday I was taken by Dr. Rolf Fiedler (my hemerocallis contact and host to the weekend suburban home of Sr. Thornquist, a prominent banker, architect, and estancia (cattle ranch) owner. Here was an all-day meeting of a special horticultural with buffet lunch and high tea later in the afternoon. I showed my slides again and Sr. Thornquist was so intrigued by the cactus that he announced he would add a cactus section to his fabulous gardens.

On Sunday Sr. Gonjian took me to two large Japanese nurseries that grow cacti in vast amounts for the florist trade. These were the Suzuki and Shimizukawa Nurseries. The latter has a large Japanese-style display cactus garden in a glasshouse. I believe it is the most fabulous cactus garden in the world. The material included an extensive collection of all genera, and many of the variegatas, cristatas, and monstrosae so popular with Japanese. The next day Dr. Fiedler and I were taken by Sr. Fechner, a cactologist known to many of you for his lobivia discoveries, to two nurseries where his collection is now located.

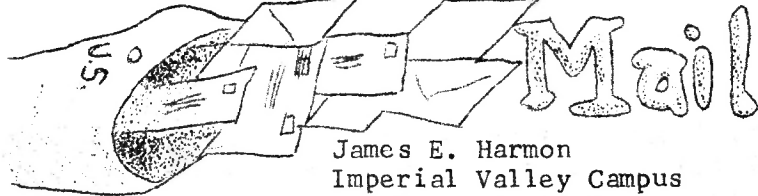
On Tuesday I was a dinner guest at the home of Sr. Gonjian and his family, where I was able to examine in leisure his large and wonderful cactus collection. It spreads all over his home - back garden, roof, terraces, and all rooms except (as his wife says) the bathroom. Dinner was a special treat - the national dish of Argentina called "parilla", which is beef grilled over coals.

On Wednesday Dr. Fiedler and I attended the opera at the famed Teatro Colon, rated as one of the world's five greatest opera houses. We saw a new opera by an Argentine composer ("Nazdah") and Puccini's rarely-given "Gianni Schicchi". My turtle-neck and medallion almost kept me out - Teatro Colon is apparently the last opera house in the world to require men to wear a necktie! But Dr. Fiedler knew men in high places.....

Thursday I moved out to the home of Dr. Fiedler in the suburb of Martinez and Friday we drove nearly 400 kms. up the Parana River to the city of Victoria, where we were to judge a flower show. Our "hotel" in Victoria was a Benedictine monastery and we were entertained for meals at the wonderful estancia home of the Vivanca family.. Among the divisions I judged was one for cactus. A silver cup went to the best cactus in the show - a grafted yellow-flowered mam. in heavy bloom.

The following Monday I flew to Rio, without doubt the world's most beautiful city. It is TOO BIG! My hotel (the Serrador) was opposite the central Plaza Mahatma Gandhi in which live over 50 CATS of all colors, fed by kindly women of Rio. They, and the rites of the Macumbo religion, were the highlights of my stay in Rio.

Next Month: How to buy or exchange cactus from South America.



Mail Bag

Dec '71

James E. Harmon
Imperial Valley Campus
San Diego State College
Callexico, CA 92231

31 Oct 71

Dear Editor,

Pushing--as most of us do--against time, I think it only proper that I answer the questions directed to me in EyF October.

I learned about EyF from my good friends, Suzanne & Bob Taylor of El Cajon. Bob has been so kind as to let me leave some of my cactus collection with him while other duties took me away.

I am a teacher, but botany is not my field. Instead, I teach political science and economics which is becoming a better and better reason for having a pleasant diversion --such as cacti.

The college landscaping shows my real influence, however. As THE LOS ANGELES TIMES once reported in a feature story about our campus: "This must be the only campus in the State College system with Boojum trees and Elephant Trees." (The reporter insisted that there ought to be better names than Idria and Bursera, so I gave in.)

ESPINAS y FLORES is informative, interesting and intimate; keep up the good work! You're right: all things under the Sun are related.

Sincerely,

James E Harmon

(Thank you, Mr. Harmon--we shall treasure those words -- INFORMATIVE, INTERESTING and INTIMATE! And look forward to a visit to your campus.)

--oOo--

14870 Las Flores Lane
Los Gatos, CA 95030

4 Nov 71

Editor Nibby Klinefelter,

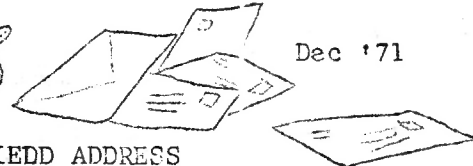
The one way I have of showing my appreciation of the ESPINAS y FLORES is to mail my dues for 1972 directly to you. So enclosed please find three dollars.

The publication of the EyF is no simple task and does not take care of itself. So it is to you we have to extend our thanks for such a nice job that is done for every issue.

Many thanks and loads of success.

Regards,

Harold Simmons



FIEDD ADDRESS

Jim & Betsy Frazier
3690 East Santa Fe
Flagstaff, Arizona 86001

August 1971

Dear Friend,

Saw a write-up about your publication in OZARK GARDENS, but no price. Im enclosing 25¢ for a sample copy--if I owe more, let me know.

Thank you,

Betsy Frazier

(To quote in part from the newsletter on which the above note was written --another one who RECYCLES PAPER AS ONE WHO CARES ABOUT TREES. These young missionaries write:

"In Flagstaff we work mostly with Navajos and Hopis, in jails, rescue missions, lumber camps and low-cost Indian Housing areas, Bible study groups. Because of drought many Indians are coming into Flagstaff from the reservation. There is much work to be done... Missionary life isn't easy. It's hand-to-mouth, but to be of help is worth the many trials ... We plan to leave New York for Flagstaff, moving Jim's 78-year-old mother soon. Little Sally is now 7 months old and brings us much joy."

In HIS Service,
Jim & Betsy & Sally Frazier)

--oOo--

Open Letter to Mitch Beauchamp from the Ed.

Dear Mitch, Sorry about missing the correction you were kind enough to telephone to me for your article on CHROMOSOMES and the CACTOPHIL ... just ran across the note. Paragraph 4 should read:

"Observation of developing pollen or ovules reveals the haploid (N) number. It is here that chromosomal rearrangements within the individual plant can be observed. Crossing over and pairing of chromosomes gives various characteristic patterns whose interpretation gives the cytogeneticist a clue to the origin of the individual and the relationship of its parents." (..and pairing..)

Call me and I'll bring missing issues. Thanks again. Wish you many new members for CALIFORNIA NATIVE PLANT SOCIETY.

Nibby K.

YOUR RESULTS ARE AS LARGE
AS YOUR BELIEFS.

166, Rue Chafnay, Jupille S/Meuse
Belgique

Jupille le II Novembre 1971

Chere Madame,

Avec grand plaisir j'ai bien reçu votre revue ESPINAS y FLORES et ce serait avec la meme joie que je souhaiterais collaborer avec vous malheureusement si mes connaissances en la lecture sont passable, il n'en n'est point de meme en ce qui concerne l'écriture, toutefois, si vous-meme ou un de vos collaborateurs pouvait traduire le français nous pourrions nous entendre. Bien que encore très jeune pour un cactophile (32 ans), voici près de 10 ans que je me passionnais pour ces plantes.

Membre tout d'abord d'un club comme pas mal d'amateurs, j'ai décidé avec un ami qui lui était chef jardinier dans le département des cactées au Jardin Botanique de la ville de Liège, de s'associer, et c'est ainsi que naquit il y a 6 ans, ce qui est maintenant la Station Expérimental.

Cherchant des collaborateurs dans des pays ou nos plantes préférées poussent et c'est ainsi qu'un jour dans CACTUS AND SUCCULENT SOCIETY of AMERICA j'ai noté toutes les adresses de clubs affiliés à cette revue et y ai écrit. Cette correspondance m'a permis à l'époque d'être en contact avec votre président, Mr. Jim Stalsonburg, qui m'a très aimablement répondu et par la meme occasion fait connaître votre revue.

Je tiens d'ailleurs à encore le remercier pour les quelques plantes qu'il m'a si gentiment envoyé.

Pour nous en Europe, et plus particulièrement ceux de Nord, il y a un grand problème, il nous est très difficile de faire des descriptions de plantes, vu que la presque totalité des sujets à observer sont issues de semis, donc très différentes des memes espèces poussant dans la nature.

Sur les 6 ans, et grace à des semis continuels, environ 250 espèces par an, et à l'aide de correspondants dans différents pays (U S A, MEXIQUE) Mr. Otero qui publie parfois dans l'édition mere) Brésil et Pérou, notre matériel s'élève à peu près à ce jour de 1200 variétés, et cela exclusivement en cactées.

Si géographiquement l'endroit n'est point désagréable, il n'en n'est point de meme climatiquement, subissant parfois pendant les mois d'hiver (Decembre, Janvier et Février) des temperatures nocturnes atteignant de -12° C à -15° C, nous obligeant à faire nos observations en serres, et cela avec le bien et le mal que cela comporte, surtout que notre région se situe à une altitude de 80 mètres environ alors que des plantes comme les Oroya, Copiapoa et surtout les Tephrocactus poussent eux entre 3000 à 4000 mètres, cela nous deformant parfois les sujets comme Lobivia et toujours les Tephrocactus, vu que en supplément nous changeons leur période de croissance.

Notre serre se divise en deux, d'un coté les plantes ayant vu le jour sous notre climat (4 à 5 espèces de chaque variété sont conservées) et de l'autre, les plantes recue de nos divers correspondants ou parfois achetées lorsqu'elles sont rares. Il est à regretter la difficulté de pouvoir envoyé des plantes dans votre pays ce qui nous donne un nombre peu élevé de correspondants, parceq que en échange nous ne pouvons que leur envoyé des graines et malgré qu'elles sont parfois rares comme le prouve cette liste qui est jointe à la lettre nous ne recevons que très de réponses.

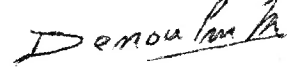
La plante en elle-meme n'est pas notre seule préoccupation, et là est le travail de mon épouse pendant mes occupations à l'extérieur, toute plante est accompagnée du maximum de renseignements que nous pouvons obtenir comme localisation, altitude, structure du sol (P_h) et ensuite de tout changement dans son existence (taille, rejets, période de floraison), le tout accompagné de dias. Les abonnements à diverses revues comme la votre sont également très utile, c'est pourquoi lorsque nous pouvons aider certains membres nous n'y manquons pas.

Si vous étiez toujours intéressé par quelques observations personnelles dans l'avenir, ce serait avec plaisir que je répondrais, ainsi qu'à certains de vos membres qui seraient intéressés par des échanges.

Enfin pour terminer, si je ne nuis à aucune firme commerciale, je pourrais vous envoyer une liste de graines que je tiendrais à la disposition de vos membres qui nous écrirais.

Dans l'espoir de ne pas vous avoir trop déçu, recevez chère Madame ainsi que Monsieur Walter Scott mes plus cordiales salutations.

Sincèrement à vous,



DEMOULIN Michel

Merci beaucoup - merci beaucoup!
(And if my French were good enough, I'd tell you so much more...) THE EDITOR

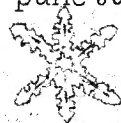


From Carla Lange of MISSOURI BOTANICAL GARDEN: (dated November 16th)

* Does anyone every take out Espinas y Flores? *

"Ladislaus Cutak, our expert on Cactaceae, reads it with great interest. It is furthermore circulated together with other horticultural journals to our staff and to the two men who answer questions asked by the public concerning problems they have with plants. This means that at least 17 of our professional horticultural staff is familiar with it. After the publications are returned to the library, they are displayed in our reading room for another two weeks where our scientific staff has an opportunity to read these journals."

(How about THAT, fellows?) Thank you -- and we do exchange with Charlotte Wittmeyer, and have enjoyed the HENRY SHAW CACTUS SOCIETY CACTUS DIGEST enough to have quoted from it several times in these pages. In fact, here's an interesting tidbit I have been meaning to work into the conversation somehow for some time:... From a year ago in CACTUS DIGEST in answer to the question: "Do sowbugs do any damage?"... Lad Cutak wrote: "SOWBUGS ARE USUALLY FOUND WHEREEVER DAMPNESS OCCURS and a greenhouse is a likely place. These Crustaceans feed on organic matter and really do not do much damage, although occasionally they will not overlook a juicy morsel like a succulent if it has been punctured in any way."



November 24, 1971

REPORT FROM AUGIE

"SAND & SOUL" Chairman: Re the latest happenings... "I talked to Mr. Schnizler, who is Dave Roberts' assistant... discussing the progress being made on our new Cactus Garden. To date, two desert palms have been planted. All other plantings will be held up until Spring of '72. One ray of sunshine -- a good part of the garden work may be federally financed through a program called PEP... Our Society was also the recipient of a nice Agave attenuata from Mrs. Fuller, resident of Pacific Beach. Ed Miller picked the plant up and delivered it to the park nursery."

Augie Pfeiffer

That must be Ceil Fuller on Hornblend Street.
Thank you for your thoughtfulness in sharing such a handsome plant.

NOTEBOOK Continued)

Harriet Sopp sent several How-to's that appeared in "the Workbasket" on the gardener's page...Harriet said that people ask about plants' habits and struggles that are no problems to us but present many difficulties to the midwest. For example, the "florist's kalanchoe" - owners were advised to discard after the brilliant scarlet flowering was over...we are fortunate to be able to grow them outside... THE BUDS ON MY CHRISTMAS CACTUS FALL OFF BEFORE THEY DEVELOP INTO BLOOMS -- WHY?? Answer was: Probably they get light at night. Set plant where it gets no artificial light at all. No glimmer. These are short-day plants and they tolerate no extra light at all. Timely hint.

From our "cheerfully submitted" secretary Harriet who has enjoyed that warm feeling that comes from having members clap after the minutes are read ... we learn that at the November Board Meeting - after a lengthy discussion regarding mileage money for 1971 Fair - that the usual (for some years) 3¢ a mile be paid. (Is that with or without the 100-mile deduction?) That membership almost pays for EyF...that plant sales easily make \$200 a year clear...that Virgil Schade is working on cabinets for us for storage... that we won't have to be involved in library shelving...that we must be out of Room 101 by December 14th...that SAN DIEGO CENTER MEMORIAL LIBRARY is the name of the new Library...that four books on C&S have been donated to the new Library...

Warren will be absent (attending California School Boards convention in San Francisco) for our meeting this Saturday... son Doug (and Donna, I presume) plan to drive down on the mainland to Matatlan and ferry to LaPaz...Warren could chew nails with envy... or he could contact Cortez International and fly down and creep back in 4-to-a-camper for eight days like I plan to do... which is a great way to celebrate my first half Century... GOOD NEWS FROM THE HOSPITAL -- peppery Walt Greenwood came through a surgical brain procedure with flying colors --saw him late Friday evening while using my office typewriter in Sick Officers Quarters (Nellie thought that should be explained) at the Naval Hospital where I work as well (as well as type EyF) ANYWAY, Walt was reading LIFE magazine and looked cute as the proverbial button in his little white tufted skull cap...operation was the Sunday before last and already there was talk of his going home Monday morning. You can send him a card at 4085 49th St, San Diego 92105...What happened? A massive blood clot and Walt has six little incisions to be rid of it...New members might like to know that he was President of our Society following Doc Vaughan several years ago... Edith Wernan went back East for the first time since she left -- ALL the way -- to Nova Scotia ... Did you get your August issue, Steveson? ... That was the Vice President of the Organic Gardening Club, John Miller, who popped up to clear things up for us so many times last meeting...he threatened to join... By the way, Aloe vera goes for \$5 at their auctions...Personally, I would like to have every one of our members bring a specimen of what they honestly believe (and tell others) is the REAL Aloe vera -- just to see how many different ones we have...my son Steve brought a little trailer all the way from northern Illinois just to haul a load of rocks for me for my garden! In unloading, I managed to have my hand where he was swinging a small boulder...Aloe vera removed the soreness and it is healing rapidly...Helen Hegyi will have a very good article on that plant soon...LaDonna Anderson is still working on the index...and the collators are waiting for me...MERRY CHRISTMAS and God Bless YOU... every one

Nibby

ESPINAS Y FLORES DEC, 71

Mailing address: EDITOR Nibby Klinefelter - 2201 Fairfield - San Diego, CA 92110
TREASURER: Warren Buckner - 1744 Englewood Drive; Lemon Grove, CA 92045 - DUES: \$3 single
\$4 family. Single copy 50¢ postpaid. * * Membership includes subscription. * *

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Affiliate to CALIFORNIA GARDEN - NK

PLANTS of the MONTH December

Succulent: SEDUM hintonii
CACTUS: FEROCACTUS glaucescens

NO PLANT EXCHANGE THIS MONTH !!!

NO EPIPHYLLUM SOCIETY MEETING

CHRISTMAS GIFT EXCHANGE, however -- keep it in the dollar range -- might be nice to relate it to our hobby -- otherwise, men bring gifts for men; women for women. It will have to come out even then, we think.

PLEASE BRING

Canned foods & clothes in good condition for the Taylors to take to Baja and Mexico for families in need.

NEW MEMBERS CORNER

(Mrs. Morris) Eleanor Baker -
Perkingston, Missississippi 39573
James Alla - 4434 Estrella Ave, SD 92115
Ruby & Walter Falk - 6022 Kantor, SD 92122
Anna Hake & Elaine Hyskell - 12970
Highway 80 - Space 44- El Cajon 92021
Leta Hapeman - 4646 Wendell - SD 92105
Blanche Leondis (Paul & Lisa)
5068 Windsor Drive - SD 92109

WHO BROUGHT the GOODIES for November ? ?

Sophie Loyland
Lena Rice
Honore Roush
Margaret Lickert
Charles Benbow
Jill Mooney
Jean Hapeman
Rose d'Attilio

DECEMBER Board Meeting

A T T E N T I O N
Outgoing officers and incoming -- ALL
Board members are invited to the Loylands at 7 pm Friday, December 10th for the real lowdown on running the Society. 1768 West Montecito Way (sort of between Mission Hills and Old Town). Sophie & Oliver are a pair of real dolls--bless them for holiday hospitality and year-around charity of spirit.

CHRISTMAS AROUND-the-WORLD presented by FLORAL ASSOCIATION and affiliates of which we are one - Casa del Prado, Room 101 on Tuesday - 1 to 6 - Dec 14th

OUR PROGRAM

Dr. "Cactophil" Corliss on
CACTUSCOLLECTING in SOUTH AMERICA

Saturday at 1:30 Dec 4th in new Room 101 Casa del Prado, Balboa Park

Suggested parking spaces - East of the Museum - around Spanish Village - South of Aerospace Museum - Enter Pepper Grove Drive and turn right - It will work out all right.

Espinas y Flores
2201 Fairfield Street
San Diego, Calif. 92110