

SOUTH COAST



ORCHID SOCIETY, INC.
LONG BEACH, CALIFORNIA

MEETS AT
WHALEY PARK
5620 Atherton
Long Beach, Ca.

8:00 P.M.
September 28, 1987

LINDA IGER
President

NORMAN FANG, FIRST VICE PRESIDENT HAS
ARRANGED FOR OUR SPEAKER OF THE MONTH
TO BE:

DON DELANO

Don is the Manager at Cal Poly in Pomona. He is
also in charge of the Raymond Burr collection.

HE WILL BE SPEAKING
TO US ON

PREVENTION OF VIRUS IN ORCHID COLLECTIONS

How to prevent it in your own home collection.

The plant table will contain virus-free orchids
from the Burr collection at Cal Poly.



VISITORS

It is always nice to welcome visitors to our meetings. We hope that our members made you welcome. This month there were:

Mr. & Mrs. Robert Marlin	Encinitas, Calif.
Mr. George Harr	Long Beach, Calif.
D. C. Siechti	Los Alamitos, Calif.
E. Williams	Long Beach, Calif.
B. J. Navens	Bellflower, Calif.
Ms. Virginia Thompson	Long Beach, Calif.
Mr. William Westfall	Long Beach, Calif.

NEW MEMBERS

We, also, want to welcome Ms. Doris Browning of Hawthorne, Calif. as one of our new members. We hope, Ms. Browning you will return again and again.

JULY MEETING

If you attended our July meeting you were aware our speaker was Mr. Paul Brecht. He presented a fine program and, though longer than the allotted time, many of our members would have liked for him to continue. So Paul, it seems you will have to prepare for another bout.

Paul and his wife Jane have done so much for our society. Jane is the person, who sells the good ole tickets for the plant drawing.

If you have never been out to their place of business, Brecht Orchid Gardens, you don't know what you are missing. Jane and Paul are usually there and always very helpful with any questions you may have.

TABLES & CHAIRS

We need a little more help setting up the tables and chairs for the monthly meetings. Someone is usually there about 6:30 on the meeting night. If you or someone could arrive a little early to help. I believe Don Fraser had to work alone in the sitting up so orchids could be displayed and he almost has his arm in a cast. Help.....

ORCHID ADVERTISERS

If you would like to place an orchid-related advertisement in our monthly bulletin please contact the Bulletin Editor, Jim Miller at 940 Pine Avenue, Long Beach 90813 or 213-436-9767. It is not expensive.

BULLETIN NEWS

Please contact the Editor, Jim Miller with any newsworthy material to be printed in the society's bulletin. If I don't know about it I can not print it.

RIBBON JUDGING-AUGUST 1987

CATTLEYA ALLIANCE

1st	Cattleya granu losa	Don Fraser
2nd	Ctna. Why Not	Don Fraser
3rd	Amberglow	June Sanberg
Cultural	LC Mesa Verde	June Sanberg

PAPHIOPEDILUM

1st	Paph. Julius	Dr. Plocher
2nd	Paph. King Arthur	Clark Day, Jr.
3rd	Paph. (Unnamed)	Clark Day, Jr.
Cultural	Paph. Julius	Dr. Plocher

PHALAENOPSIS

1st		Debbie Lawrence
2nd	Orchid World	Mowlavis

ALL OTHER GENERA

Cultural	Anguloa uniflora	Pat McGilligan
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MEMBERSHIP
BADGES

We have membership badges, for sale, at \$2.00 each. Not only do you wear them at the monthly meetings so everyone knows who you are but also wear them on any other trips you can take. Mr. Art McCann, Membership, sits every meeting at the back of the room and he will take your order so he can have them engraved.

COOKIE
TIME

Orchid growers seem to be bottomless when it comes to absorbing quantities of refreshments at our monthly meetings. It would be appreciated if the following members bring a batch of cookies. If you feel like trying out a new recipe now is the time. Thanks very much.

Mr. & Mrs. Art McCann
Dr. & Mrs. Stephen Andreason
Mr. Paul G. Bechtel
Mr. & Mrs. Charles E. Bowman
Mr. & Mrs. Donald H. Bradish
Mr. Eugene Casey
Mr. & Mrs. Clark Day
Mr. & Mrs. Ed Dickerson
Ms. Frances Edenstrom
Mr. Norman Fang
Mr. David Fourer

VIRUSES

Now we come to the most baffling of all diseases, the viruses. The word comes directly from the Latin, virus, which means "Poison." As far as is known, the first scientist to show that a mosaic disease in plants was not caused by a microbe but rather by a contagious living fluid and to use the term virus to describe this was Beijerinck in 1898.

Some viruses seem to have an affinity for certain orchids and we accordingly identified with the plants with which they were first associated, as for example cymbidium necrotic ringspot and cymbidium mosaic virus. This does not mean that these viruses affect only cymbidiums. They may also affect other orchids. In fact, the same virus may cause ringspot on one species and a mosaic pattern on another. In some cases, plants that have become infected do not show any marked change, while in others the damage is clearly visible. Again, the symptoms, especially in the beginning may be confused with a bacterial disease or insect injury. Finally, any plant in a weakened condition will always be more susceptible to viruses than a healthy one. Viruses can be spread by aphids or infected tools. All tools should be sterilized after being used on one plant and before being used on another. This holds true not only when dividing a plant or cutting out diseased parts, but also when cutting off flowers. The tools should not be used again until they have been sterilized. The few minutes' extra it takes to do this can save months or years of trying to get rid of a virus.

Viruses can also spread if plants are put into old pots that have not been thoroughly cleaned and scrubbed in Clorox and water.

Furthermore, there is no part of a plant that is immune to viruses. They can even affect pollen and seed.

Although orchids in their native habitat may be, and sometimes are, completely free of viruses, unless the collector takes every precaution to keep his hands and tools clean and the containers in which he places the plants clean, the once-virus-free plants may be virus-free no longer.

Obviously, any plants known to be virus-infected should be destroyed, for if such a plant were to be divided, each section would be infected. This is what happened for many years before the advent of meristemming, particularly with the Westonbirt cymbidiums.

Now, however, conscientious professional growers, by using only meristemmed plants as the foundation of their collections, begin with virus-free plants; with good culture they keep them that way. The, if those who buy their plants give them the proper culture and pest and disease prevention, a huge step in halting the spread of virus-infected plants, will have been taken and a reservoir of virus-free plants created.

If you suspect that a plant does have a virus, isolate it at once, making sure you provide it with the same culture

it has been getting. It used to be felt by some growers that the plant would eventually outgrow the virus. Unhappily, this is just not true. Furthermore, there is no chemical control at this time for viruses on orchids, and orchids have so far proved unresponsive to antibiotics. Consequently, when plants are purchased, make every effort to be sure they are virus-free. If mericolones (meristemmed plants) are bought, the problem is taken care of--up until the time you bought the plants. However, it does not necessarily follow that they cannot become infected through improper culture.

Flower break and color break are perhaps the two most common viruses to affect cattleyas. In flower break the flowers do not develop as they normally would. In color break small parts of the flower are irregularly darker than the surrounding area, and the color may be in the wrong place. The flowers themselves are usually distorted, with twisted and puckered places, breaks in the color pattern, or blotches of color. Color break may also be noticeable as lack of color. At the same time, the leaves may show the mosaic pattern of light and dark areas and may be deformed.

There are many types of ringspot, some named after the orchids on which they were first found, others after those on which they are most prevalent. The symptoms usually become apparent as rings on the surface of a leaf. This ringspot at first turns yellow, but as the spots get older they tend to turn purplish black. Needless to say, they are easily recognized and are quite deforming to plants.

Cymbidium mosaic virus is probably the most common of all the viruses of orchids. It affects not just cymbidiums but also cattleyas and just about any orchid, greatly diminishing the vitality of any plant infected.

The first signs that a cymbidium has the mosaic virus are usually small chlorotic areas: these are abnormally yellowed areas resulting from the breaking down of the chlorophyll. These spots and streaks become more sharply defined as time passes, and the tissues so infected become darker. Within six months both the upper and undersides of the leaves will have developed huge black spots and streaks. Eventually these leaves will drop off the plant.

On cattleyas the areas are brown, black, and deep purple and the leaves develop a roughened appearance. Again, as with the cymbidiums, the cattleya leaves eventually fall off. Infected flowers are always smaller and last a much shorter time than they normally would. Ironically, the flowers open with no sign whatsoever of having anything wrong with them, and it is not until a week or so later that the first brown streaks and spots appear on the petals and sepals. Sometimes the spots grow and cover the entire flower; at other times they remain restricted to the few original spots.

ROBERT M. LESSER

A memorial service was held September 12 for Robert Lesser who passed away September 3 after a long illness. Bob has always been, for many years, a staunch supporter of our orchid society. He was a member of our Board of Directors and also for sometime the Bulletin Editor. The two years that Mr. Donald Pollard was President, he was always there with a helping hand.

To sum up the way that he was, in June, 1987, Don Pollard took Bob on a 5 day vacation to Big Sur. Below are the last words that were written by Bob. They are his thoughts and of themselves a lasting memory.

God's love reveals itself as we find an ideal spot
at Kurks Creek campground

Yesterday and today like all days, this trip has
been perfect

The grandeur of the scenery is overwhelming
The magnificent lunch at Rocky Point Restaurant
The view of the ocean and the coastline all were
perfect examples of God's loving abundance

Today the beautiful scenery between Riverside
campground and Kurks Creek manifested itself
Thanks be to Gods eminent presence within me, I
feel whole, in perfect health, filled with
joy and happiness

After witnessing the majestic sunset
Meditating on the word "I AM"
Brought forth the peace, love and harmony of
Kurk Creek

The quietness of the surroundings is broken only
by the sound of happy voices
And the restfull calm of Steven Helprins mediation
tape

The twilight glow of the sun sinking below the
horizon is breathtaking

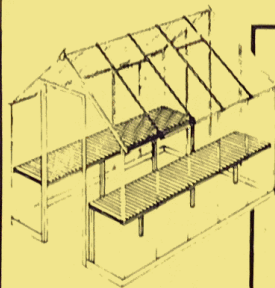
As darkness sets in
Gods peace and love abounds

The silence is broken only by the beautiful music
and all is well

Gods peace surrounds us and within all of us.

To Bob's mother, his brother, and to his business partner
of 25 years, Donald Pollard, Bob will be missed, but in
a twinkle of an eye sometime we will see and be with him
again. That has been promised to us.

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and display
baskets • gifts •
supplies

—MANY VARIETIES
OF ORCHIDS TO CHOOSE FROM

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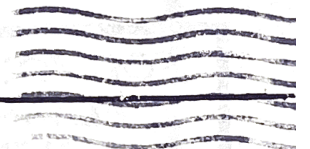
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- We board and repot plants

9:30 - 5:00 Closed
Sunday

1989 HARBOR BLVD

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548-2314 PM
1987



SOUTH COAST ORCHID SOCIETY, INC.



James Miller, Editor
940 Pine Ave
Long Beach, Ca. 90813
213-436-9767



FIRST CLASS MAIL

LET'S GET ACQUAINTED



Mr. & Mrs. Paul Brecht
4201 Williwaw Drive
Irvine, Calif. 92714

WILL

Company name _____

PARTICIPATE IN THE SOUTH COAST ORCHID SOC.

COMMERCIAL NIGHT ON OCTOBER 26, 1987 .

YES _____ NO _____

I WILL CONTRIBUTE TO THE PLANT OPPORTUNITY TABLE

YES _____ NO _____

Address: _____

SOCIETY, INC.
LONG BEACH, CALIFORNIA

9 Monte Vista Ave.
Long Beach, Ca. 91761

would like you to participate. This is an excellent opportunity for you to meet the members of South Coast Orchid Society, put your orchids on display, and sell your plants and supplies.

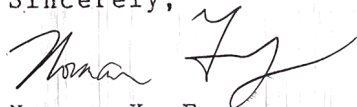
Large tables (3' x 6') will be set up for you at 7:30 p.m. If you have a company sign, please bring it for your display.

The Plant Procurement table for the evening will consist entirely of donations from those who put in displays. Your contributions will certainly be appreciated. Refreshments will be provided by our members.

Please complete the enclosed card and return it with a stamped envelop, to ensure a reserved table for yourself.

We at South Coast want to thank you for your continued support and assistance for our society. See you October 26, 1987. Please find a map enclosed directing you to Whaley Park Community Center.

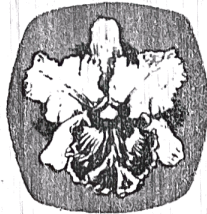
Sincerely,



Norman K. Fang
First Vice President

nkf

SOUTH COAST



ORCHID SOCIETY, INC.
LONG BEACH, CALIFORNIA

11039 Monte Vista Ave.
Ontario, Ca. 91761

Dear Orchid Friend:

On Monday, October 26, 1987, we will be having our annual Commercial Grower's Night at South Coast Orchid Society. We would like you to participate. This is an excellent opportunity for you to meet the members of South Coast Orchid Society, put your orchids on display, and sell your plants and supplies.

Large tables (3' x 6') will be set up for you at 7:30 p.m. If you have a company sign, please bring it for your display.

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