



# THE SOUTH COAST ORCHID CLUB GAZETTE

Published Monthly by the South Coast Orchid Club of S.A. Inc.  
Affiliated with The Australian Orchid Council & The Orchid Club of S.A.

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JULY

ISSUE

1992:

**NEXT MEETING:**

Tuesday 14th July 1992  
Lutheran Church Hall, Windsong Crt, Morphett Vale  
Benching of plants to be completed by 7.45pm  
for judging to commence immediately.  
Meeting begins at 8.00pm.

**GUEST SPEAKER:**

Mrs Jean Evans will address the meeting on the  
Presentation of Tabletop displays. Jean has been the  
convenor of the Hills Floral Festival for a number  
of years. With her Family she has organized orchid  
displays at the Floral Festival and Hills Orchid  
Show. Jean has also judged orchid displays at the  
Royal Show.

**SUPPER:**

Mrs Trix Anderson will be in charge of tea, coffee  
and biscuits.

**HALL SET-UP:**

Would all willing to assist please arrive by 6-45pm.

**DAY-TIME CHAPTER:**

2pm. Thursday 16th July 1992, South Brighton  
Community Hall, Dover Square Reserve, Broadway,  
South Brighton. Mr Colin Grigg will speak about 'The  
Preparation of Cymbidium Orchids for the Showbench  
and the Setting-up of Exhibits'. Colin Grigg has  
been a very successful, if relatively new, exhibitor  
at Shows of the Orchid Club of South Australia. He  
is also a student orchid judge with the O.C.S.A.

**TRADING TABLE:**

Mr. Dennis Daykin and Mr Barry Nurse will be in  
charge.

**COMMITTEE MEETING:**

Tuesday 21st July 1992, 7.30pm at the South  
Brighton Community Hall.

## DAYTIME CHAPTER by Peg Clark

Keith Northcote welcomed 32 members and visitors to the Daytime Chapter and gave preliminary advice for the Winter Show. It was pointed out that exhibitors personal numbers can be found beside their name and address on the Gazette.

Special guests for the day, Pauline and Kevin McLean, who have an excellent orchid flasking service, then showed slides of laboratory procedures used in this work. It is a very exacting and long term process, but the end results are well worth the effort. Sterile conditions are extremely important in providing the environment essential for the propagation and growth of the tissue. The high success rate achieved indicates the care and attention given over the many months needed to obtain the new plants.

After thanking Kevin for his detailed explanation of the slides, Keith asked Pauline and Kevin to nominate their choice of plant to propagate from the 19 plants tabled. They chose the lovely Slc. Lani Bird 'Helen Palik'. Members, however, gave their popular vote to the Cymbidium Luana 'Pink Showers' followed by L. anceps with C. Valentine Day 'Cardinal Velvet' and Enc. fragrans tying for third place.

The orchids on display made a fine show and included the 3 types of Cymbidiums i.e. standard, intermediate and miniature, several plants of the Cattleya Alliance, and 2 Encyclias. Keith pointed out to the meeting that the Encyclia fragrans and Encyclia cochleata actually bloomed with the lip to the top of the flower where-as other orchids bloom the reverse way up.

The raffle plants for the meeting were supplied by Mt Beenak Orchids of Victoria.

Afternoon tea and a friendly chat bought the meeting to a close.

## WINTER SHOW

Donations of scones, cream and jam for Devonshire Tea would be greatly appreciated. Also odds & ends, bits and pieces or in other words goodies for a 'white elephant' stall would be welcomed with open arms. Please deliver these to the hall by 10am Saturday 25th July. The income from both, plus the trading table, helps us to keep the Club financial.

### Sale of Plants

If you wish to sell plants at the trading table at the show the following information might be of interest to you. The commission to the Club for plants sold on the trading table at the Shows is as follows:

25% if the seller has at least 4 plants on the show bench or is prepared to work at the Show.

30% if the seller has no plants on the show bench.

Entry to the Shows this year is free to all members who are wearing their badge. For non-members the cost is \$2 per head, children accompanied by an adult free.

Please note that members who help ALL DAY at the show get tea & scones free.

### PLEASE NOTE

**HOW CAN YOU STAKE YOUR CYMBIDIUMS FOR SHOWS ?** by Syd Monkhouse  
(An extract only)

The Australian Handbook on Judging has always stated :-

(Page 7 Rule 5) "Staking and tying for support will be permitted. The Judging Panel has the right to remove any staking and/or tie if necessary in order to ascertain the strength of the flower spike."

It also clearly stated under Points for Cymbidium Standard Judging :- "The stem shall be sufficiently strong to support the inflorescence UNAIDED."

Now, under existing rules the Judges have a perfect right to remove ALL TIES if they wish, even those below the first flower.

### MURRAY BRIDGE TRIP

Members are reminded that the balance for the trip is to be paid by the conclusion of the July meetings. The total cost is \$16-50 so the people who have already paid the deposit have \$7 more to pay. Anyone who has now decided that they would like to go please advise the Treasurer as soon as possible as there are still a couple of seats available.

The bus for this trip leaves the Christies Beach High School (opposite the Shell Service Station, Colonnades) at 8 am. sharp on 9th August 1992. The Marion Shopping Centre pick-up will be on the Diagonal Road side of the Centre under the multi-storied section of the building at approx. 8-20am.

Morning tea will be provided in Murray Bridge on our arrival.

### MELBOURNE TRIP

Please remember that the \$50 deposit for this trip is required by the close of the July meeting. the complete cost is expected to be \$130 plus lunch and dinner. Cost for Dinner is expected to be approximately \$6 per head per night. Saturday evenings meal is to be held at a Cattleya growers home and it is hoped that she will give us a snippet of information on how she grows her plants. Any enquiries please contact Betty Wyly on 2633064.

### JUDGES

Did you know Bertie Bower, John Gay and Henry Lawson come down each month from Murray Bridge just to judge at our meeting? Thanks guys it is appreciated.

### NEW MEMBERS

It is with pleasure that we welcome Chris Schulz of Hackham East to the Club.

We hope that you will find your membership with the club a happy and fulfilling one Chris.

(extracts from the book)

### GROWING MEDIA

By K. HANDRECK & N. BLACK

(Kevin spoke to us at the June Cultural Meeting and has kindly consented to have extracts from this book printed in the Gazette. Kevin is a Principal Experimental Scientist with the CSIRO Division of Soils, Adelaide. He has qualifications in chemistry and agricultural science from the University of Melbourne, and is a Fellow of the Australian Institute of Horticulture. According to the Australian Horticulture 'GROWING MEDIA is without question the definitive text book on potting mixes, soils and turf culture'.)

### PLANTS: NEEDS FOR GOOD GROWTH WHAT WE SEE

Plants have tops and bottoms. The bottoms are called roots. Beheaded roots soon die. Tops alone either grow new roots, as during propagation by cuttings, or they die. Each needs the other for survival.

The tops of most plants consist of stems, leaves, flowers, and fruit (seeds). Stems provide a framework that holds leaves where they can get the right amount of sunlight. Roots anchor the plant in some sort of growing medium, usually soils, but also potting mixes, water and organic residues (e.g. orchids in tree clefts).

With a microscope we can see that both tops and roots consist of thousand of cells joined together in regular and beautiful patterns. Most cells are very small - from 0.001 to 0.04mm in diameter and from 0.001 to 30mm long. There are

many types of cells, each having its own special role:

In leaf surfaces (mainly the lower surface), there are small openings, called stomata, into the interior of the leaf. Stomata are opened and shut as the cells around them shrink and swell in response to changes in light intensity and water supply.

Near the tips of roots, some cells have long extensions going out from them. These are called root hairs. They greatly increase the total surface area and length of the roots. They can fit into tiny nooks and crannies in the medium.

In roots and stems there are long strips of cells, like pipes, that bring water from roots to leaves. Other strings of cells carry flow from tops to roots.

#### INSIDE WORKINGS

Roots take up water and nutrients from the medium for the whole plant. Tops provide the organic 'food' needed for making new cells and maintaining old ones throughout the plant.

Leaves are like food-producing and food-processing factories. Carbon dioxide enters through the stomata. Eventually it gets to the chloroplasts - the small bodies inside the leaf cells that give them their green colour. There, together with water, various chemicals and the energy of sunlight, the carbon of the carbon dioxide is used to make sugars. Oxygen gas is released. This process is called photosynthesis. Sugars are the basic building blocks for all the other compounds of which plants are made:

carbohydrates such as cellulose for cell walls and starches for energy reserves;

lignan for cell walls;

proteins and vitamins for cell contents and seeds;

flavours for fruit;

enzymes and hormones to make it all happen.

The sugars and other compounds are moved to wherever in the plant

they are needed. Energy reserves are converted back into sugars when these are needed for rapid growth.

The main function of the stomata is to allow carbon dioxide to enter the plant (and oxygen to leave). They must be open for this to happen, so water vapour is lost through them. This loss is called transpiration. It is really evaporation of water from plants. The energy used to evaporate this water comes from the sun.

When water is transpired from leaf surfaces, a deficiency of water is created inside them. This deficiency gives the necessary 'pull' to raise water up through the plant.

Transpiration is essential because it cools leaves and helps to bring nutrients from roots to tops. But otherwise it is a nuisance to us because it means that we must continually supply more water to roots for continued plant growth.

A medium completely saturated with water appears to have plenty for transpiration, yet many plants wilt. Lack of oxygen around their roots decreases water entry. Oxygen is also used when nutrients are absorbed. Both water and oxygen are needed by plant roots if they are to thrive.

For all this to happen, the medium must be neither too hot nor too cold. The range is from about 8c to about 30c. Tropical plants grow little until the temperature of the medium is at least 12c to 16c. Prolonged temperatures over 35c in the medium will kill the roots of most plants. Twenty minutes at 45c is enough to kill most young roots.

And the plant must be free from attack by disease-causing organisms.

In summary, then, growing media must provide plants with nutrients, water, oxygen, room to develop and minimal risk of disease. Our task is to learn to provide these requirements.

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**FLOWER OF THE MONTH Phal. GLADYS READ 'SNOWTIME'** grown by R. & I. GOODALL  
 This beautiful , white phalaenopsis was a credit to the growers. I can just imagine it being carried down the aisle. It was not the largest white phalaenopsis around but would be a joy for any florist to work with. Phal. Gladys Read was registered in California, U.S.A. in 1961. One of its parents is the well known white, Phal. Grace Palm which has been used extensively for breeding.

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OPEN	DIVISION	Judges	R. Pankoke B. Carpenter H. Edwards	
Aust. Native Epi:Species	Unknown		J. & J. Jacobsen	3
Aust. Native Terr:Species	Acianthus excertus		R. & B. Anderson	3
	Ptst. robusta		R. Moore	2
Aust. Native Terr:Hybrid	Ptst. xtoveyana		R. & B. Anderson	3
Standard Cymbidium	Tracey Reddaway 'Zara'		J. Nicholls	3
Intermediate Cymbidium	Pendragon X Showgirl		J. Nicholls	3
	Pendragon 'Broadmoor'		R. Moore	2
	Pendragon 'Broadmoor'		J. & J. Jacobsen	1
Miniature Cymbidium	Pendragon X Kiata		J. Nicholls	3
Standard Cattleya	Blc. George King		B. Wyly	3
Cluster Cattleya	C. Porcia 'Cannizaro'		B. Wyly	3
Nov. Cluster Cattleya	Slc. Golden Wax		R. & B. Anderson	3
Cattleya & Mis. Genera	Lioponia Kingston X		B. Wyly	3
	Ctna. Keith Roth			
	C. Penny Kuroda X		R. Moore	2
	Ctna. Keith Roth			
	Ctna. Hanabu Fairly Flare		R. Moore	1
Dendrobium	Doreen X Anouk X Sagarik		T. DeIonno	3
Miscellaneous	Hwra. Mini-Primi		R. Moore	3
	Z. Titanic 'Pinafore'		R. Moore	2
	Z. B.G. White		R. Moore	1
Novelty Paphiopedilum	*Maud Read		R. Moore	3
	Crossianum 'Alba'		R. Moore	2
Species Paphiopedilum	sukhakulli		R. Moore	3
Odont/Onc Alliance	Odcdm. MacKenzie Mountains X			
	Odm McNabianum		T. DeIonno	3
	Onc. Nonamyre X Karu 'Diane'		R. Moore	2
	Odm. crispum X Purpleon		R. Moore	1

Species	Encyclia cochleata	R. Moore	3
	Barkeria skinneri	J. Nicholls	2
	L. anceps	J.& J. Jacobsen	1

Vandaceous Ascocenda Caroline 'Kathleen' R.& B. Anderson 3

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**FLOWER OF THE DIVISION : Blc. GEORGE KING 'SERENDIPITY' GROWN BY B.WYLY**

These two salmon-coloured flowers with a slight tinge of peach in the sepals were at their glistening best. This hybrid is C. Bob Betts X Blc Buttercup (A white crossed with a concolour, pale saffron yellow).

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FIRST	DIVISION	Judges	
		H. Lawson B. Bertie	
Aust. Native Epi:Hybrid	Den. Hilda Poxon	D. Biebrick	3
Intermediate Cymbidium	Peter Pan X Chocolada Pendragon 'Broadmoor' Kauilani 'Kieko'	J. Lewis D. Biebrick H. Gerber	3 2 1
Standard Cattleya	Slc. Lani Bird Lc. Fires of Spring X Blc. Sylvia Fry Lc. Drumbeat X Mt Anderson	C.& H. Edwards F. Bell R.& B. Wilson	3 2 1
Cluster Cattleya	C. Portia 'Tom'	R.& B. Wilson	3
Novelty Cattleya	Slc. Little Hazel C. Chocolate Drop X Blc. Sylvia Fry Slc. Poochie's Delight	T.& D. Howard H. Pankoke C.& H. Edwards	3 2 1
Nov. Cluster Cattleya	Lc. Scarlet Imp 'Amy' Blc. Green Fantasy	F. Bell F. Bell	3 2
Cocktail Cattleya	Sc. Jinn 'Red Robyn' Sc. Jinn 'Red Robyn' Slc. Little Beamche X C. aclandiae	J. Lewis J. Lewis T.& D. Howard	3 2 1
Miscellaneous	Hwra. Mini-Primi	D. Biebrick	3
Miscellaneous Species	Z. mackayi Enc. cochleata	M. Vaughan J. Lewis	3 2
Phalaenopsis	Gladys Read 'Snowtime' Carmela's Dream X Spitzberg	R.& I. Goodall R.& I. Goodall	3 2
Standard Paphiopedilum	Gigi X Redstart Phips charlesworthii X Gigi	R.& I. Goodall R. Parish R.& I. Goodall	3 2 1
Novelty Paphiopedilum	*Caraibe *Pop Monkhouse *Fairiechant	D. Biebrick R. Parish D. Biebrick	3 2 1

Species Paphiopedilum	wardii	R. Parish	3
	villosum	R. Parish	2
	insigne	R. Parish	1
Odont/Onc Alliance	McIna. Pagan Lovesong	K.& L. Larsen	3
Laelia Species	L. anceps	C.& H. Edwards	3
	L. rubescens	T.& D. Howard	2

Cattleya & Mis. Genera	Ctna. Joy Bassin	T.& D. Howard	3
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**FLOWER OF DIVISION : PHAL. GLADYS READ 'SNOWTIME' grown by R & I GOODALL**  
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SECOND	DIVISION	Judges	R. Moore B. Wyly	
Aust. Native Epi. Hybrid	Den. Ellen	B. & R. Nurse		3
Standard Cymbidium	Bethlehem 'Early Times'	P. O'Brien		3
Intermediate Cymbidium	Pendragon 'Broadmoor'	B. Carpenter		3
	Pendragon 'Broadmoor'	N. Wolfendale		2
	Pendragon 'Broadmoor'	N. Gitsham		1
Miniature Cymbidium	Dr Baker 'Red'	P. & G. Flavel		3
Standard Cattleya	*Blc. Beverly Blietz	B. & R. Nurse		3
Cluster Cattleya	Portia 'Tom'	B. & R. Nurse		3
Novelty Cattleya	*L. Westfieldensis	Mr & Mrs Thompson		3
Nov. Cluster Cattleya	C. Porcia X	Mr & Mrs Thompson		3
	C. Chocolate Drop			
	*Blc. Greg's Gold	B. & R. Nurse		2
	C. Porcia X	N. Wolfendale		1
	C. Chocolate Drop			
Cocktail Cattleya	Slc. Wendys Valentine	B. & R. Nurse		3
Miscellaneous	Z. B.G. White	N.G. Andrew		3
	Hwra. Mini-Primi	B. & R. Nurse		2
Novelty Paphiopedilum	charlesworthii X purpuratum	B. Woods		3
Species Paphiopedilum	insigne var sanderae	B. Woods		3
Species	L. anceps	B. & R. Nurse		3
	Z. mackayi	C. Cramer		2

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**FLOWER OF THE DIVISION : CYM. PENDRAGON 'BROADMOOR' grown by B. CARPENTER**  
 Often seen as a winner on the Show bench this was another well grown and presented Cym. Pendragon.  
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\* denotes new registration. Please alter your label accordingly. Ed.