



Affiliated with  
The Australian Orchid Council  
The Orchid Club of  
South Australia Inc.

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Registered by Australia Post SBH 1617  
Published Monthly by The South Coast Orchid Club of S.A. Inc.

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Issue: *December 1986*

YOUR COMMITTEE EXTENDS TO ALL MEMBERS

BEST WISHES FOR A *Merry Christmas*  
AND A *Happy New Year*



XMAS MEETING - TUESDAY DECEMBER 9TH, 8.00PM

GUEST SPEAKER:- DR. E. FURNESS

SPECIAL RAFFLE:- PROCEEDS TO DAY-CARE-CENTRE.

SUPPER:- MAKE THIS THE SOCIAL EVENING, CLUB  
WILL SUPPLY XMAS CAKE, SAUSAGE ROLLS,  
PIES & PASTIES, ITS UP TO YOU TO BRING  
THE REST.

NO TRADING TABLE, PLEASE RETURN ALL LIBRARY  
BOOKS.

ALL NOMINATIONS TO BE IN BY CLOSE OF MEETING

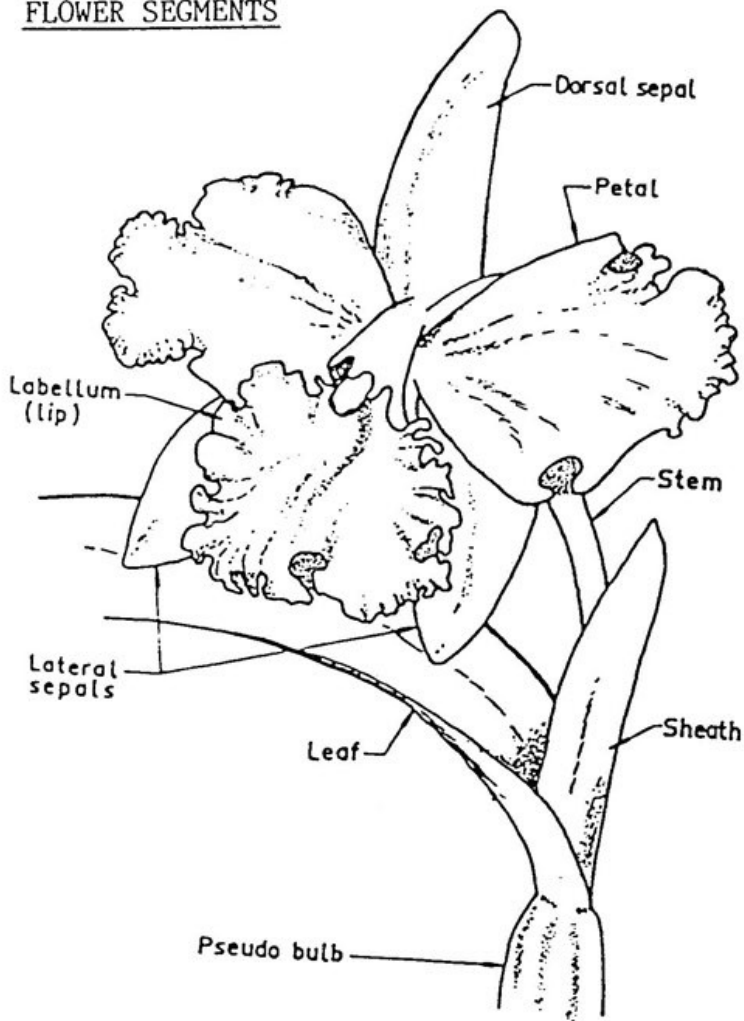
FOR NEXT YEAR'S ANNUAL GENERAL MEETING

TUESDAY 10TH FEBRUARY 1987

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REMEMBER THERE IS NO CULTURAL MEETING IN JANUARY 1987  
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*Throughout the year many members when asked gave voluntary their time to assist with the smooth running of our Club. Your Committee wishes to express their thanks to those who so willingly assisted. We hope that you will continue to support the new Committee that is to be appointed.*

CATTLEYA  
FLOWER SEGMENTS



Glossary

- BIFOLIATE:** Having two leaves.
- BRACT:** A leaf-like organ, enclosing the pseudo-bulb, which generally dries off as the growth matures.
- CLONE:** An individual plant, raised from seed and all its subsequent vegetative propagations.
- COLUMN:** The central body of an orchid flower, usually columnar, which is a fusion of stamens and pistils.
- EPIPHYTIC:** Growing on another plant (usually a tree) but not parasitically.
- GENUS:** (plural — Genera) a group of plants identified by similar characteristics, principally flower structure. Plants within one genus may have significant differences in vegetation and in the size, number, shape and colour of flowers.
- HYBRID:** When two species are cross-pollinated, the resulting seedlings are known as a hybrid. Hybrids may also be cross-pollinated with other hybrids or species to produce further hybrids.
- INTERGENERIC HYBRID:** When two species or hybrids from different genera are cross-pollinated the resulting hybrid is known as an intergeneric hybrid.
- PSEUDO-BULB:** The bulb-like swelling of the stem.
- RHIZOME:** A stem that creeps along the surface and from which spring roots and at intervals, secondary stems.
- SHEATH:** An envelope-like tube arising from the base of the leaf which protects the developing buds.
- SPECIES:** (singular and plural) a group of plants having identical structure of the floral parts, and usually identical vegetative characteristics.
- SYMPODIAL:** A plant that emanates from a succession of stems arising from a rhizome.
- UNIFOLIATE:** Having one leaf. In Cattleyas, sometimes referred to as the "labiate" group, arising from Cattleya labiata.
- VARIETY:** Variations in colour and size of flowers within a species, give rise to varietal sub-groups. e.g. the alba form of Cattleya walkeriana is known as Catt. walkeriana var. alba.

DID YOU KNOW?

That the term 'Odont' that is frequently used includes:-

Odontoglossum species and hybrids, allied types such as Odontiodas (Odontoglossum x Cochlioda), Odontonias (Odontoglossum x Miltonia) Odontocidium 9Odontoglossum x Oncidium), Vuylstekeara (Odontoglossu x Choclioad x Miltonia) and Wilsonara (Odontoglossum x Cochlioda x Oncidium)

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CATTLEYA CULTURE FOR DECEMBER

by Kel Staples

All cattleya from tiny plants to mature ones should be growing rapidly at present. Keep them going at maximum, water at roots and humidity around the leaves is essential. That does not mean keeping them saturated, and in a stale air situation. Moist moving air is the desirable. To help, keep benches etc. damped down.

Feeding, keep the rapidly growing plants fed with any soluble fertilizer at less than the recommended rates. This can be done weekly at present.

Shading, this year to date temperatures have not been excessive, but this may alter at any time and if provisions for extra shade has not been provided, give thought to this. Cattleyas can be grown with quite high light intensities, but severe light burn can occur if the sun's rays are not sufficiently broken down.

Pests, watch out for mealy bug which may find a home in the new growths and also in flower sheaths, if you have summer flowering cultivars or species. Most insecticides or dusts on the market will control unwanted pests, but always follow makers' direction for health reasons and burn may occur.

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For the interested growers who may be dabbling in a little hybridising of their own the following is a guide for the length of time that the pods should be left on the plants :-

Cattleya - bifoliolate	4-5 months
Cattleya - unifoliolate	4-5 months
Oncidium	2-3 months
Cymbidiums	9 months
Phalaenopsis	3-4 months
Epidendrum	5 months

This is as you are aware is by nowhere a complete list but is the most popular genera grown.

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We are always talking of the N. P. K. ratio in relation to the fertilizer that we use to grow our orchids. But how many of us know the full meaning of it.

N. = NITROGEN

It's proper use and control many times is the difference between top-notch plant growth and mediocre to poor growth. It is absorbed by plants both through the foliage and root system. Correct supply of Nitrogen promotes rapid growth and increases the protein content of plants, it gives leaf, stem and flower growth.

P. = PHOSPHORUS

Phosphorus can probably be considered second in importance only to Nitrogen. It stimulates strong root growth, hastens maturity and promotes blooming.

K. = POTASSIUM

Will cause poor growth if not in the correct proportions, too little & too much it makes no difference. It helps build a resistance of disease, it improves the quality of seed and helps the plant transfer the starches, sugars and oils to the plant system.

The formula is always expressed in numerical numbers such as 15-30-15

First 15 means that the fertilizer contains 15% Nitrogen.

The 30 represents 30% Phosphorus

The last 15 means 15% Potassium

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'AUSTRALIAN EPIPHYTIC ORCHIDS - December

*by Reg Shooter*

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*New growths growing away strongly this month, keep an eye open for caterpillars which can ruin a whole new year's leaves with unsightly perforations if not caught in time.*

*I use 'dipel' once a fortnight from mid-October to mid-January. this seems to do the trick.*

*Keep up the watering and fertilizing for a uniformly moist compost rather than a continuously wet one.*

*Well that ends my year's calendar, "GOOD GROWING"*

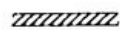
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COPIES OF THE CLUB'S CONSTITUTION AND BY-LAWS ARE ALWAYS AVAILABLE FROM THE SECRETARY.

BY LAW EVERY NEW MEMBER ARE GIVEN ONE , WE GIVE IT OUT WHEN THE PRESIDENT WELCOMES AND INTRODUCES THE NEW MEMBER AT THE MEETING.

SECOND DIVISION

Aus Native Epi	<i>Den. canaliculatum</i> <i>Cym. suave</i> <i>Den. kingianum</i>	J McGrath 3 M & R van der Wilk 2 J McGrath 1
Aus Native Ter	<i>Microtus unifolia</i>	B Anderson 3
Cymbidiums	Anita 'Pymble' Dr Lloyd Hawkinson 'Green Briar' Son of Freak	H H Pankoke 3 B Anderson 2 M J Cunningham 1
Mini Cym	Cricket	A Peterson 3
Cattleyas	Lc. Trick or Treat x Slc. Sugar Plum <i>C. intermedia</i> x <i>L. jongheana</i> Lc. Chit Chat	A & G Peters 3 Mr & Mrs Jacobsen 2 A & G Peters 1
Miscellaneous	Oda. Debutante 'Oxbow' Wils. Shirley Monkhouse	C Ameer 3 E & A Harling 2
Dendrobiums	Seedling 986	J McGrath 3
Phalaenopsis	Abram McAndless x Alfonso Ibarra Malibu Girl x Hermosa 'Highbury' (Elinor Shaffer x Mantilla) X <i>stuartiana</i>	W Farquhar 3 W Farquhar 2 W Farquhar 1
Nov Paph	Dellania	W Farquhar 3
Species	<i>Renanthera monachica</i> <i>Cym lowianum</i>	W Farquhar 3 M & R van der Wilk 2
<u>DIVISION FLOWER OF MONTH :</u> <i>Renanthera monachica</i> W Farquhar.		

FIRST DIVISION

Aus Native Epi	<i>Sarc. hillii</i>	W & M Vaughan 3
Cymbidium	Cygnus 'Janet'	A DeIonno 3
Mini Cym	Inman Valley 'Lime Sunspot'	V Rogers 3
Cattleyas	Slc Hazel Boyd 'Apricot Glow' Slc Little Beamche x <i>C. luteola</i> 'RF'	C C Burfield 3 C C Burfield 2
Dendrobiums	Felicity Fortesque 'Pink Parfait'	J & P Lewis 3
Miscellaneous	Wils Shirley Monkhouse Epidendrum Wils Shirley Monkhouse	Mr & Mrs van Leuven 3 H & B Viney 2 J & P Lewis 1
Paph.	Gigi x Redstart 'Chilton'	D Biebrick 3
Nov Paph	<i>victoria-mariae</i> x <i>moquetteanum</i>	D Biebrick 3
Species Paph	<i>sukhakulii</i> <i>Phrag. sedenii</i> 'Candidum' <i>thailandense</i>	R Parish 3 C C Burfield 2 R Parish 1
Species	<i>Cym lowianum</i>	W & M Vaughan 3
<u>DIVISION FLOWER OF MONTH:-</u> Slc. Hazel Boyd 'Apricot Glow' C C Burfield		

OPEN DIVISION

Aus Native Epi	Sarc. Melba	I & A O'Daniel 3
Cattleyas	<i>C. intermedia</i> x <i>L. jongheana</i> Lc Chit Chat 'Manderine Mousse' Blc Sylvia Fry x Lc Blue Boy	G & F Forrest 3 B Lynch 2 G & F Forrest 1
Dendrobium	Milky Way	Mr & Mrs Pollitt 3
Miscellaneous	Wils Shirley Monkhouse Ascda Yip-Sum Wah Elc (Lc Olie Johnson x <i>Enc condigera</i> 'Nightshade')	Mr & Mrs Pollitt 3 J Nicholls 2 K Northcote 1

MONTHLY COMPETITION (continued)

November 1986

OPEN DIVISION (continued)

Phalaenopsis	Cher Ann x <i>lueddemaniana</i>	J Nicholls 3
	Ravel	Mr & Mrs Pollitt 2
	Bobbie Gay Lista x <i>amboinensis</i>	K Northcote 1
Paphiopedilum	Opers 'Star'	Adelaide Orchids 3
	Tapestry 'Chilton'	Adelaide Orchids 2
	Future World 'Galaxy'	Adelaide Orchids 1
Species Paph.	<i>niveum</i>	G & F Forrest 3
	<i>sublaeve</i>	G & F Forrest 2
	<i>callosum</i>	L & R Moore 1
Species	<i>V. courelescens</i>	J Nicholls 3
	<i>Onc. sphacelatum</i>	K Northcote 2
	<i>C. claesiana</i> 'alba'	B Lynch 1

DIVISION FLOWER OF MONTH:- *Paph niveum* G & F Forrest

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REGISTRAR'S CHOICE NOVEMBER 1986.

*Renanthera monachica* W Farquhar

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MEMBERS GRADUATING TO HIGHER DIVISIONS :-

FROM SECOND DIVISION TO FIRST DIVISION:-

MRS. B.E. ANDERSON	18 POINTS
MR. L. BALD	5 POINTS
MR. & MRS. J. JACOBSEN	11 POINTS
MR. H.H. PANKOKE	17 POINTS
MR. & MRS. M STEELE	11 POINTS

FROM FIRST DIVISION TO OPEN DIVISION :-

MR. A. DEIONNO

THESE PROMOTIONS TAKE EFFECT FROM AND INCLUDE THE DECEMBER MEETING

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