



THE SOUTH COAST ORCHID CLUB GAZETTE

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Affiliated with The Australian Orchid Council & The Orchid Club of S.A.

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MAY

ISSUE

1992:

NEXT MEETING:

Autumn Show, Tuesday 12th May 1992
Lutheran Church Hall, Windsong Crt, Morphett Vale
Benching of plants to be completed by 7.45pm
for judging. Meeting begins at 8.00pm.

GUEST SPEAKER:

The meeting will be addressed by Ms Enid Robertson whose subject will be 'Little plants (including orchids) that grow under bushes'. Enid is an avid conservationist who is very concerned about plants that have been introduced to this country and then multiply to the detriment of our native vegetation. She is a member of the Native Orchid Society of South Australia.

SUPPER:

Mrs Trix Anderson will be in charge.

DAY-TIME CHAPTER:

Thursday 14th May 1992, South Brighton Community Hall, Dover Square Reserve, Broadway, Sth Brighton. Mr Reg Shooter will speak about 'Some lesser known (unusual) Australian Epiphytic Orchids'. These will be illustrated by slides. Reg is a judge of orchids for both the Orchid Club of South Aust. and the Native Orchid Soc. of South Aust. He is also Show Marshall for the former Club, and is well known to many at South Coast having spoken to us before. You are sure of an excellent meeting.

TRADING TABLE:

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

COMMITTEE MEETING:

Tuesday 19th May 1992, 7.30pm at the South Brighton Community Hall.

DAYTIME CHAPTER by Ruth Clark

Keith welcomed all to the meeting including a new member, Damian Adams, and visitors from N.S.W. The afternoon was then devoted to a demonstration of repotting cymbidiums.

Now is a good time to repot or divide cymbidiums that have already flowered this year. If one waited until September, which is the usual time to repot, these early flowering varieties would only have 6 months to build up before the next flowering season.

Keith shared many hints on how to ensure a good healthy specimen was maintained

provide sterile equipment

make a 'good' potting mix to

allow plenty of air movement and good drainage and the type of fertilizer (and when) to use it.

The afternoon was of particular interest to newer members.(and at least one 'older' one. Ed)

The popular vote gave a slight edge to Keith H. Northcote's species Phalaenopsis hieroglyphica, so named because of the irregular markings on the petals and sepals, over Harry and Berna Viney's lavender, well shaped cluster Cattleya Fitz Eugene Dixon 'Paradise',

RAFFLE PLANTS

Raffle plants for May will come from Noarlunga Orchids.

PATRON

Syd Monkhouse is the Patron of The South Coast Orchid Club for 1992.

SHOW NUMBERS

As most of you are aware for Shows you are requested to use a Show Number rather than your name on your show plant. Your Show Number is on the label of this Gazette

next to your name. For the Winter and Spring Shows your number MUST go on the label of your plant which is then attached to a leaf or cane of your plant. IF YOU HAVE PROBLEMS REGARDING YOUR SHOW NUMBER PLEASE SEE YOUR SHOW MARSHALL JOHN JACOBSEN AS SOON AS POSSIBLE.

JUDGES

Please meet no later than 7-50 at the Judges' table. Please note that this is our Autumn Show and a larger than usual number of plants can be anticipated.

NEW MEMBERS

It is with pleasure that we welcome two new members to the club:

Mr Damian Adams of Clovelly Park & Mr Philip O'Brien of Sturt.

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

SOCIAL ACTIVITIES

Dinner Dance

The Victoria Hotel has been booked for a Dinner Dance on 27th June. The cost is \$20 a head for a set menu. Everyone interested please see Betty Wyly at the May meeting when a \$5 deposit will be required.

Murray Bridge Trip

The members who have indicated that they wish to go to Murray Bridge are asked to please pay \$9-50 by the June meeting. This is \$5 deposit and \$4-50 for lunch.

BEGINNERS FORUM AT THE CULTURAL MEETING

Once again this forum will commence at 7-30pm in the kitchen when Neil will endeavour to help 'new' Cymbidium growers.

PROBLEMS.

Syd Monkhouse has kindly offered to conduct a 'Dear Syd' segment if required. It is envisaged that this will help growers identify a problem with a particular plant or leaf, i.e. leaf burn, virus, lack of water etc. Just put your plant or leaf in a plastic bag and bring it along to the Cultural Meeting and see Syd. If time permits Syd will discuss the problem with the meeting. The growers name need not be mentioned.

DENDROBIUM tetragonum and Some progeny. by Reg Shooter cont.

Whatever it was that inspired Schmidt to cross Den. tetragonum with Den. kingianum in 1928 to produce Den. Ellen it did not communicate itself to others immediately, as it was 37 years before Willersdorf registered Den. tetragonum X Den. bigibbum, the beautiful Cooktown orchid, as Den. Suzanne in 1965. This hybrid, because of its infusion of the tropical species Den. bigibbum required some protection, and a little heat in the winter to be grown in the southern part of the continent and therefore was not widely grown in that part of the world.

In the 1960's and 1970's a renewed interest in Australian native orchids became apparent. Hybridists such as Wally Upton, Roger Bedford and the late Ira Butler, among others, began producing some wonderful progeny. I am of the opinion that it was the cross made by Ira Butler and registered in 1977 by Noel Grundon as Den. Hilda Poxon that stirred the imagination and interest of the orchid fraternity at large and was the catalyst to the continuing interest in this group of plants. Den. Hilda Poxon is the result of crossing Den. tetragonum with Den. speciosum and in doing so the best of both parents have been

obtained. The vigour, large flower count, long racemes and erect plant habit of Den. speciosum combined with the large yellow starry flowers and habit of flowering over a long period by Den. tetragonum produced a hybrid of outstanding quality. Unfortunately, Ira Butler died before seeing any of the cross bloom. The unflowered seedlings were purchased by Noel Grundon and the results are a tribute to Ira Butler's imagination and forethought.

Since that date Den. tetragonum has been used extensively in breeding. Some 25 to 30 hybrids have been registered to date and many more are in the pipeline. A perusal of the latest Australian Native Hybrid Guide will show that along with Den. speciosum and Den. kingianum, Den tetragonum is among the most popular species used. Far too many have been made to discuss them all in an article such as this. I will briefly mention a few that I have had experience with and would suggest to anybody who intends to grow natives that you won't go far wrong if you acquire plants with Den. tetragonum in their makeup.

Den. Blushing Star (Den. tetragonum X Den. xsuffusum) is similar to Den. Ellen with the exception that the flowers have more spotting and like Den. Ellen will flower intermittently during the year with the main flush around late August early September.

Den. Blushing Star has been crossed with Den. Hilda Poxon to make Den. Kim Heinze. This produces upright racemes of open, flat basically gold flowers with masses of rusty brown spotting and seems to be in flower constantly throughout the year. It still retains the distinctive four sided pseudobulbs.

In 1979 Cannons registered Den. Pee Wee which is Den. bigibbum X Den. tetragonum. You may recall a similar cross was registered in

1965 as Den. Suzanne. The apparent duplication came about because the plant used in 1965 was at that time known as Den. phalaenopsis, a species subsequently submerged into the species Den. bigibbum. The stated aim of Den. Pee Wee. was to endeavour to induce some of the cold tolerance into the tropical species parent. This, in my experience, was not entirely successful. The plant grew satisfactorily but buds aborted as soon as a cool damp spell set in during winter. When grown with a little warmth, a minimum of 10c, & kept a little on the dry side, it flowers regularly with beautiful large open flowers the colour of the Cooktown orchid.

In 1983 a hybrid was registered by David Cannon as Den. Rosella, this was Den. Pee Wee back crossed to Den. tetragonum. The extra infusion has given that little bit extra tolerance & will flower in Adelaide without heat, providing it is kept dryish during the winter. It is a magnificent flower being some 70 - 90 mm long, 4 to 6 flowers to the raceme, long lasting & having two bursts of blooming. As the name suggests it has all the colours of the Rosella.

In 1988 I had the privilege of seeing Den. Elegant Heart exhibited by Wally Upton at the 11th Australian Orchid Conference in Sydney. This plant had previously been exhibited at other shows yet still managed to gain Champion Native at the conference against some stiff competition. Den. Elegant Heart is the result of crossing Den. Pee Wee with Den. speciosum. The cross was only registered in 1986 & its full potential has yet to be reached. The individual flowers were about 80mm long, had broad flat segments & were an intense overall cerise colour with a delicate shading of silver at the base of the sepals. This same plant of Den. Elegant Heart was the joint winner with Noel Grundon's Den. Hilda Poxon for the 1988 Ira Butler award. I am sure that had Ira still been with us he would be extremely pleased & probably a little surprised at the progress that has been made in the hybridising of our lovely native orchids, particularly using the 'square' orchid, Den. tetragonum.

APRIL 1992 FLOWER OF THE MONTH

CATTLEYA BACTIA 'FOREVER YOURS' GROWN BY TONY DEIONNO

This primary hybrid was first registered by Veitch, in England, in 1901. It is a crossing of C. bowringiana and C. guttata. Tony's plant had 22, waxy, wine-red, blooms on one raceme and 17 on another. It is grown in a glass-house that is heated 'just a little bit' in winter.

OPEN	DIVISION	Judges	S.Monkhouse R.Pankoke H.Edwards
Aust.Native Epi:Species	Den. bigibbum		R.& B. Anderson 3
Aust.Native Epi:Hybrid	Den. Hilda Poxon		J.& B. Gay 3
Aust.Native Terr:Species	Ptst. obtusa Ptst. truncata		R.& B. Anderson 3 R.& B. Anderson 2
Intermediate Cymbidium	Valentine's Love *Peter Dragon Last Chance X Olymilum		J.& B. Gay 3 Denlia Orchids 2 J. Nicholls 1

Standard Cattleya	Blc.Bryce Canyon'Splendiferous'	B.Wyly	3
	Blc.Mem.Crispin Rosales X	T. DeIonno	2
	Lc. Irene Finney		
	C.Karae Lynn X C.skinneri	K.H.Northcote	1
Novelty Cattleya	Sl.Red Doll X Lc.Tiny Treasure	B. Wyly	3
Nov. Cluster Cattleya	C. Bactia 'Forever Yours'	T. DeIonno	3
Cattleya & Mis. Hybrids	Otaara Mali's Surprise	B. Wyly	3
	Ctna.Why Not 'Roundabout'	B. Wyly	2
	Ctna.Hunabu Fairly Flare	B. Wyly	1
Dendrobium	5oth State X Lavender Beauty	J. Nicholls	3
	Red Antlers X lasianthera	J. Nicholls	2
Miscellaneous	Lyc. Queen Elizabeth	T.& M.Richardson	3
	Milt. Estrelita	J. Nicholls	2
	Doritis Rosea	J.& B. Gay	1
Phalaenopsis	Red Elf X violacea	J. Nicholls	3
Nov. Paphiopedilum	Berenice 'Nelson'	H.& T.Tormet	3
	Knock Knock	B. Wyly	2
Odont/Onc. Alliance	Onc. Gold Strike	T.& M.Richardson	3
	Onc. Confetti	B. Wyly	2
	Onc. Gold Strike	T.& M.Richardson	1
Species	Phal. hieroglyphica	K.H.Northcote	3
	Aerathes grandiflora	R.& B.Anderson	2
	Den. thyrsoflorum	H.& T.Tormet	1
Vandaceous	V. Eisenhower X Ascda.Buddy Choo	J. Nicholls	3

FLOWER OF THE DIVISION - C. BACTIA 'FOREVER YOURS' - GROWN BY T.DEIONNO			

FIRST	DIVISION	Judges	K.H. Northcote
			B. Carpenter
Aust.Native Epi:Species	Oberonia muellerana	D. Biebrick	3
Aust.Native Epi:Hybrid	Den. Hilda Poxon	D. Biebrick	2
Standard Cattleya	Bc. Pastoral 'Innocence'	C.& H. Edwards	3
	Blc.Mem.Helen Brown	C.& H. Edwards	2
	Bc. Mount Anderson	R.& B. Wilson	1
Cluster Cattleya	C. Minerva 'Highercombe'	F. Bell	3
	C. Minerva 'Highercombe'	C. Anee	2
	C. Browniae	C.& H. Edwards	1
Nov. Cluster Cattleya	C. Chocolate Drop X Self	F. Bell	3
	Slc. Fallbrook Red	C.& H. Edwards	2
	C. Chocolate Drop X Self	T.& D. Howard	1
Cocktail Cattleya	Slc Barefoot Mailman	C.& H. Edwards	3
	*Slc. Sutter Creek	F. Bell	2

Dendrobium	D'Bush Pansy 'Lee'	C.& H. Edwards	3
	Killani Stripe	W.R. Barrett	2
Miscellaneous	L. Autumnalis X L. anceps	M.& S. Steele	3
	*Epi. Edith Arakawa	R.& I. Goodall	2
	*Epi. Edith Arakawa	D. Biebrick	1
Novelty Paphiopedilum	moquettianum X rothschildianum	R.& I. Goodall	3
	venustum album X insigne album	D. Biebrick	2
	fairianum X Enchantress	D. Biebrick	1
Species Paphiopedilum	glaucophyllum	D. Biebrick	3
Odont/Onc. Alliance	Onc. Confetti X Self	M.& S. Steele	3
	Onc. Confetti	H. Pankoke	2
	Wilsonara Shirley Monkhouse	A. Moffat	1
Species	Doritis pulcherrima	C.& H Edwards	3

Cattleya & Mis. Hybrids	Ctna. Keith Roth 'Kadoma'	C. Amee	3
	Hknsa. Alice Iwanga 'Ruby Lips'	C. Amee	2

FLOWER OF THE DIVISION - CATTLEYA MINERVA 'HIGHERCOMBE' - GROWN BY F. BELL

Cattleya Minerva is another C. bowringiana hybrid registered by Veitch. This time it is C. bowringiana X C. loddigesi. C. Minerva 'Highercombe' has a cluster of beautiful lavender flowers with a striking purple lip.

SECOND	DIVISION	Judges	J. Gay B. Wylly
Intermediate Cymbidium	Mini Splendor 'Easter Show'	J.& M. Cunningham	3
	*Glade Cheer	D. Taylor	2
	Valentines Love 'Angela'	N. Gitsham	1
Standard Cattleya	Lc Amber Glow 'Magnificent'	A.& V. Thompson	3
	Lc Amber Glow X	N. Wolfendale	2
	Blc. Waikiki Gold		
Cluster Cattleya	C. Bactia 'Forever Yours'	B. & R. Nurse	3
Novelty Cattleya	L. flava X B. glauca 'Super'	A.& V. Thompson	3
Nov. Cluster Cattleya	C. Minerva 'Highercombe'	L. Gunn	3
Miscellaneous	Z. Kiwi Choice 'The Strand'	B. Fisher	3
Odont/Onc. Alliance	Onc. Confetti	B. Fisher	3
Species	Z. mackayii	P.& G. Flavell	3
	L. ensfeldzii	B.& R. Nurse	2

FLOWER OF THE DIVISION C. BACTIA 'FOREVER YOURS' GROWN BY B. & R. NURSE

This is another appealing clone of C. Bactia with waxy, wine-red blooms.

* alongside a name denotes new registered name. Ed

From time to time I am given articles by members and guest speakers. I try to incorporate these in the Gazette as space permits. This month I would like to share with you an article given to me by Darcy Bloomfield who was a Speaker at a Club Cultural meeting last year.

I know a number of you, (like me), will probably think 'this stuff is out of my league' but you see N.P.P. on every packet of fertilizer that you buy and this article gives you a bit of an insight into what those letters mean to your plants.Ed.

HEALTHY PLANTS

Plants require 16 elements for satisfactory growth, i.e. Carbon, Hydrogen and Oxygen, which are found in water and air, and the remaining elements that are in two groups.

MAJOR: Nitrogen, Phosphorous, Sulphur, Potassium, Magnesium and Calcium.

MINOR: Biotin, Iron, Manganese, Boron, Molybdenum, Copper and Zinc.

When seaweed is used in composting, a little of everything is added to the surface soil, because all the above elements occur in the sea and so find their way into the seaweed.

Practically all these elements are ever present in the soil but Nitrogen, Phosphorous and Potassium are heavily reduced by plant life and must be replenished more often than the other elements, which are mostly in trace form only.

NITROGEN: This element is necessary for new tissue growth and vegetative growth and that healthy green colour. Nitrogen deficiency causes stunted growth and the leaves turn yellow or pale green. The most common source of

rich nitrogen is - cow, horse, bird, sheep, or goat manure and seaweed. Also synthetic fertilizers such as Sulphate of Ammonia, Nitrate Of Soda and Urea.

PHOSPHOROUS: Is an essential element for healthy growth and good root system and also disease resistance. Deficiency will cause stunted growth and poor blossoms (or fruit). Readily available sources of phosphorous are all the manures plus ashes. Superphosphate is also a source but this should be used sparingly as it can build up residually over a period of time and is difficult to leech out.

POTASSIUM: This element is required for strong healthy plants by helping build up the outer cellular tissues, to promote and strengthen the flowering cycle, and also aids photosynthesis. Readily available sources are all the manures and ashes and the chemical fertilizer Sulphate of Potash.

Monopotassium-di-hydrogenorthophosphate
= K_2HPO_4 =174.18 used in minute amounts in weekly waterings is also a valuable flowering promoter and inducer.

WATER : Major element in the soil to transport nutrients, helps control soil temperature and breakdowns other elements and minerals and maintains turgidity in plants, which makes plants stand erect.

AIR: In the soil maintains healthy roots, and healthy aerobic organisms which also require air to live.