

### THE SOUTH COAST ORCHID CLUB GAZETTE

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

PRESIDENT

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Issue: August 1988.

### NEXT MEETING :-

TUESDAY 9th AUGUST, 1988.
BENCHING TO BE COMPLETED BY 7.45pm.
MEETING COMMENCES AT 8.00pm.

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### GUEST SPEAKER :-

Mr. Graham Guest will give a talk on his latest Cymbidium seedlings. Graham is also one of the founders of the New Club (Cymbidium Society of S.A.) Graham always gives a lively talk so dont miss out.

### HALL ROSTER :-

Brian Norsworthy. Brian would love to have other members help him.

### SUPPER ROSTER :-

As usual Trix would appreciate any help that can be given.

### CLUB OUTING :-

The Club has arranged to visit Deane Mills Orchid Nursery at Willunga, on August 21st. Members will be going in their own cars and we will meet at John Nicholls home at 11am. We can all travel up together in a convoy so perhaps you could arrange to take a member, who hasn't any transport. We will be holding a B.Y.O B.B.Q. which means you bring your own food, and the Club will supply tea and coffee. The Club is arranging to have a couple of B.B.Q available, if you have your own B.B.Q. it would be a help. We hope to hold the B.B.Q. in one of the nice ovals at McLaren Flat. John Nicholls address is 72 Penny's Hill Road Hackham. We will give you more information at our next Cultural Meeting.

Please bring your own chairs.

Those who grow orchids as a hobby do not realise how much thought and planning our Commercial Growers give to improving orchids in every way.

Simon Lenkic today gave a fascinating talk on producing perfumed orchids. His slides showed us how the various crossings were made to produce the fragrance we seem to expect in all flowers.

The orchids may not win a Grand Champion, but are still very lovely and with such a good variety of colours we get the added bonus of fragrance.

Thanks Simon for introducing another part of orchid growing that you have made so successful and before long, with your expertise. we will have that Grand Champion and perfume.

The popular vote for the orchids benched was won by Keith Northcote, with Harry Viney taking second place.

Adelaide Orchids donated the orchids for the raffle - I hope all these kind growers who give the orchids each month realise how much pleasure the winners receive - that orchid always gets special treatment.

The friendly chat and a "cuppa" provided by the ladies we always forget to thank, finished off a delightful afternoon.

Do not miss our next meeting on August 11th at Adelaide Orchids wher Syd. and Shirley Monkhouse will show us how they grow their wonderful orchids.

### DAY-TIME CHAPTER :-

Our next Meeting will be held at Adelaide Orchids at 2pm. on the 11th August. This should be a top afternoon, as Syd & Shirley Monkhouse always make you welcome, make sure you wear flat shoes Ladies as we will be looking around all of their Nursery. This visit is not to be missed.

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### THIS MONTH'S PROFILE :-

Malcolm Mangelsdorf and his wife Lyn are the proprietor's of Noarlunga Orchids, their business is in the cut flower and pot plant trade, Malcolm was one of the pioneer's in Australia of the Orchid gift boxes. He traveled overseas looking into the cut flower trade, and picked up a contract for cut flowers from the United Flower Wholesalers in New York. But had to let the contract lapse becuase he could not get the flowers from other growers to help fill the orders. Malcolm has been asked to share his expertise to other companies by Government Trade Departments. At the Nursery Malcolm is also involved in growing Cyms, Soft Cane Dens, and Cattleyas. He does his own tissue and seedling work. Malcolm has been growing Orchids for 15 years, and Commercial for 7 years. Malcolm does not believe Commercial growers should compete against amateur growers in competitions, as he believes commercial growers have an edge over the rest of us.

Malcolm was the Club's President for 3 years and is a senior officer in the Fire Service. He has also been a life saver and he played Rugby Union with the Brighton Rugby Club for 30 years, for which they made him a Life Member. One thing about visiting Noarlunga Orchids, you will always get a cup of tea or coffee, and Malcolm and Lyn will always share their Orchid knowledge with you.

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### SPRING SHOW 19th - 24thSEPTEMBER 1988

### SETTING UP SATURDAY 17th SEPTEMBER

All displays are to be arranged on Saturday 19th September and are to remain in position until the following Saturday when members are expected to remove plants as from 1pm. Prior to 1pm and after 12.30pm all exhibitors are expected to assist in the dismantling of fencing and placing them in the loading bay. All areas are to be left clean and tidy.

NO PLANTS IN FLOWER OTHER THAN ORCHIDS MAY BE EXHIBITED -- THIS INCLUDES ANTHURIUMS.

- 1. All exhibitors must financial of The South Coast Orchid Club of South Australia Inc, for the period of at least ONE month prior to showing.
- 2. Entries are free.
- 3. Ehibitors are bound by the Constitution, Rules and By-Lews and Special Show Rules of the club.
- 4. The epinion of the Judges is final and binding, and no objections or discussion regarding results will be considered with the exception of an infringement by an exhibitor of any of the Club's Laws, By-Laws or Show Rules. Any objection in this case must lodged with the Club Show Secretary.
- 5. The Club accepts no responsibility for any loss, damage or infection suffered by any plants or blooms exhibited.
- 6. The Club Reserves the right to photograph any of the exhibits if it should so wish.
- 7. In all matters regarding the arrangement and conducting of show (with the exception of judging) the Show/Marshall/Secretary is the ruling authority.
- 8. No plants suspected by the Club Virus Adjudicators of being infected with virus will be eligible for competition and such plants will be completely isolated from all other plants.
- 9. The exhibition areas will be closed during the judging. No exhibitors, public or members other than Show Marshall/Secretary, Judges of the club and Associate. Judges and other persons appointed to assist in judging will be allowed to remain in the exhibition area during this period.

  10. Non-exhibitors are requested not to congregate in the exhibition area prior to judging so that officials can arrange plants and perform other necessary duties unhindered.
- 11. Plants must labelled with the correct coloured labels available from the club with the exhibitors number and name of plant. Supply of these labels can be obtained from the Show Marshall/Secretary or his nominee.
- 12. Exhibitors are to ensure that the labelling be neatly, and correctly performed in accordance with the procedure laid down on Orchid Nomenclature and Registration.
- 13. All exhibits must be arranged on the afternoon of Saturday September .
- 14Exhibits must notberemoved before 12.30P.M.on Saturday
  15. Exhibitors unable to remove their own plants from the show should provide the person so doing with a letter of authorisation.
  16. Damage caused in transit to the show should be reported to the Show Marshall/Secretary or Registrar of Judges prior to judging.
- 17. If in the opinion of the judges, a plant exhibited is not worthy of an award or prize in any specified section, then none shall be given.

## SPRING SHOW PRIZE SCHEDULE 1988.

	31. BEST THREE FOR COLOUR INTERMEDIATE CYMBIDIUM	32. BEST DECORATIVE INTERMEDIATE CYMBIDIUM	33. BEST ANY OTHER COLOUR INTERMEDIATE CYMBIDIUM	34. BEST SEEDLING MINIATURE CYMBIDIUM	35. BEST SPECIMEN MINIATURE CYMBIDIUM	BEST	37. BEST RED MINIATURE CYMBIDIUM	38. BEST PINK MINIATURE CYMBIDIUM	39. BEST GREEN MINIATURE CYMBIDIUM	40. BEST YELLOW MINIATURE CYMBIDIUM	41. BEST BROWN MINIATURE CYMBIDIUM		43: BEST DECORATIVE MINIATURE CIMBIDIUM 44. BEST ANY OTHER COLOUR MINIATURE CYMBIDIUM	45. BEST SPECIES CYMBIDIUM	BEST CATTLEYA	47. BEST CATTLEYA - CLUSTER TYPE	BEST CATTLEYA -	49. BEST CATTLEYA - SPECIES	50. BEST PAPHIOPEDILUM - STANDARD	51. BEST PAPHIOPEDILUM - NOVELTY	52. BEST PAPHIOPEDILUM - SPECIES	53. BEST PHALAENOPSIS - STANDARD	54. BEST PHALAENOPSIS - NOVELTY	55. BEST PHALAENOPSIS - SPECIES	56. BEST AUSTRALIAN NATIVE EPIPHYTE - SPECIES	57. BEST AUSTRALIAN NATIVE TERRESTRIAL - SPECIES	58. BEST AUSTRALIAN NATIVE EPIPHYTE - HYBRID	59. BEST AUSTRALIAN NATIVE TERRESTRIAL - HYBRID	60. BEST ODONTOGLOSSUM / ONCIDIUM	61. BEST SPECIES ( NOT AUSTRALIAN NATIVE or PAPHIOPEDILUM )	62. BEST DENDROBIUM [ NOT AUSTRALIAN NATIVE ]	63. BEST SEEDLING NOT CYMBIDIUM	64. BEST ORCHID NOT OTHERWISE CLASSIFIED	THERE WILL BE 1st AND 2nd PRIZE CARDS PRESENTED	2nd PRIZE NO MONETARY VALUE	DISPLAY PRIZES	[FOR JUDGING DISPLAYS : PRESENTATION 40% VARIETY 20% THEME 2 OUALITY 20% ]		BEST DISPLAY - BY FIRST TIME EXHIBITOR	
				HY \$75		\$50	\$25	\$25		\$25	\$2\$	\$25	\$25	\$2\$	\$25		\$25			015	\$20	\$10	\$10	\$10	\$10	\$10	\$10	\$10	\$10	\$10	\$10	\$20	\$10	\$10	\$10	\$10	\$10	\$10		
;	OF SOUTH AUSTRALIA INC	SCHEDULE 1988.		W.A. YOUNG PERPETUAL TROPHY	SASH./ GOLD MEDALLION	SASH / SILVER MEDALLION	BRONZE MEDALLION	BRONZE MEDALLION		BRONZE MEDALLION	BRONZE MEDALLION	BRONZE MEDALLION	BRONZE MEDALLION	BRONZE MEDALLION	BRONZE MEDALLION		BRONZE MEDALLION	DIVISION	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									YMBIDIUM	MO	YMBIDIUM	DIUM	DIUM	Σ			×	MO	×		
THE CALL BOXON HOLDS GIVE	THE SOUTH COAST ORCHID CLUB OF SOUTH AUSTRAL	SPRING SHOW PRIZE SCH		GRAND CHAMPION BLOOM		RESERVE CHAMPION BLOOM	CHAMPION STANDARD CYMBIDIUM	CHAMPION INTERMEDIATE CYMBIDIUM		CHAMPION MINIATURE CYMBIDIUM	CHAMPION PAPHIOPEDILUM	CHAMPION ODONTOGLOSSUM/ONCIDIUM	CHAMPION PHALAENOPSIS	CHAMPION CATTLEYA	. CHAMPION AUSTRALIAN NATIVE		11. CHAMPION ANY OTHER GENERA NOT YET LISTED	L PRIZES LISTED BELOW ARE IN EACH DIVISION		1020			BEST	BEST	BEST	BEST	BEST	BEST	BEST	BEST	BEST		BEST	BEST	. BEST PINK INTERMEDIATE CYMBIDIUM	. BEST GREEN INTERMEDIATE CYMBIDIUM	BEST	. BEST BROWN INTERMEDIATE CYMBIDIUM		
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EACH \$20 CARD ONLY

THEME 208

### CONTROL OF BULB ROT IN ORCHIDS

Several fungi can cause bulb rot or black rot in orchids, the main ones belonging to the groups Pythium and Phytophthora. These are related soil inhabiting diseases which can be difficult to control, particularly when conditions are warm and moist. Thus bulb rot are most prevalant under conditions of high rainfall or over-watering during October to December and also during the autumn period, especially when earlier fungicide treatment has not been carried out.

The fungi which cause bulb rot are very common and can be introduced in contaminated potting soil in irrigation water from polluted dams. Unlike some other diseases, these fungi are not readily spread through the air but depend more on rain splash or mechanical means to spread spores.

Orchid plants can live in harmony with these diseases when conditions are relatively cool and dry. However when higher temperatures occur in combination with excess watering the disease symptons rapidly develop, particularly if pots are poorly drained and water-logged.

For a number of years protective fungicides were used for control of these diseases but because no suitable curative product was available, high losses were common once a disease breakthrough occurred.

The new fungicide Fongarid which has curative as well as protective properties against Pythium and Phytophthora fungi has enabled orchid growers to achieve a much higher level of bulb rot control. Fongarid is known to have a much greater safety margin on a wide variety or ornamental plant species particularly in the seedling stage and is the product normally recommended for use on ornamentals, including orchids.

People prefer to use the soil drench technique using Fongarid 25WP at a dilution of 1g product in 1 litre of water. This 1 litre of drench mixture will treat the following number of pots depending on pot size:

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30 x 80 mm ( 3" ) pots

15 x 100 mm ( 4" ) pots

6 x 150 mm ( 6" ) pots

2 x 200 mm ( 8" or 1 gallon ) pots

1 x 250 mm ( 10" or 2 gallon ) pots
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Although plants already showing early symptons of the disease can be cured, it is far more preferable to apply the chemical as a protective measure at critical times of the year. Thus the soil drench treatment of Fongarid should be carried out in the early spring and repeated 6 to 10 weeks later. These two applications should provide bulb rot control throughout the entire spring/summer period except when weather conditions are exceptionally wt or watering excessive. A further 1 or 2 soil drench treatments may be needed in the later summer to autumn period particularly if conditions favour the disease.

There is also evidence that Fongarid stimulates the growth of some plants independent of disease control which would explain why so many good reports have followed the use of this fungicide, particularly on young plants.

Plant wanted Den. Rosemary Jupp if anyone has a spare division of this plant would you please see Michael or Eve Gale on the Trading Table.

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### MAKING OUT PLANT LABELS FOR SHOWS.

- 1. Make sure that you use the CORRECT colour label for your division.
- 2. Use a <u>WATERPROOF</u> pen to print the label, this can be wiped off with meths, so you can reuse your labels. If you require labels see the SHOW SECRETARY(Ray Goodall for 1988)
- 3. PRINT AS LARGE AS POSSIBLE, where it is an advantage use two labels.
- 4. Please print the 'genera' in full.

Only use a capital letter on the generic

name.

---0000000000---DO NOT USE:-DO:-C. Cymbidium 25 Show Exhibitor Cym. for or IVY FUNG 'SULTAN' No. in TOP Mini. Cym. or Inter Cym. RIGHT HAND or CORNER OF LABELS DO NOT USE WHERE Cymbidium 25 Cymbidium 25 CROSSING HAS BEEN SPLASH ' COASTER' MIMI X VOLCANO VOLCANIC REGISTERED Cattleya 25 C. BOB BETTS 'THE VIRGIN' OR CATT. Blc. Brassolaeliocattleya 25 PAMELA HETHERINGTON 'CORONATION' Lc. Laeliocattleya 25 MOLLY TYLER 'DARK LIPS' 25 P. or Paph. Paphiopedilum MAUDIAE 'MAGNIFICUM' 25 write WHERE PLANT IS Paphiopedilum venustum A SPECIES

### **OPEN**

	Aus Native Epi.	Den. tetragonum 'Giganteum'	J McGrath	3
		Liparis reflexa	J McGrath	2
1	Hybrid	Den Aussie Ira	K Northcote	3
	Aus Native Terr.	Ptst. rolusta	L & R Moore	3
(	Cymbidium	Arcadian Sunrise 'Golden Fleece'	L & R Moore	-
		Palace Court 'Snow White'	L & R Moore	-
		Coral Dream 'Kelly'	J McGrath	
1	Mini. Cym.	Karoonda 'Gypsy'	K Northcote	
	<b>,</b>	(Pendragon x Sarah Jean) 'White Lady'	Denlia Orchids	
		(Pendragon x Sarah Jean) 'Imp'	Denlia Orchids	
	Inter. Cym.	Invergarry 'Enfield'	A Delonno	
		Bonnies Chance 'Perth'	J Nicholls	
		Kurun Fire 'Bloodshot'	L & R Moore	
	V14 C-441		L & R Moore	
Λ	voveity Cattleya	Sic. Tangerine Jewel x L. pumila Sic. Precious Stones x Sic. Hazel Boyd	L & R Moore	1000
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		Blc. Golden Delicious x Bc. Lepechaun Lege Kathleen oka 'Teresa'		
	Dendrobium		J Nicholls	
C	Odont Alliance	Mclna, Pagan Love Song 'Ruby Charles'	L & R Moore	
		Wils. Solana Bronze 'Littlely'	L & R Moore	
-		Vulys. Edna 'Stamperland'	J McGrath	
	Paphiopedilum	Tapestry 'Chilton'	Adelaide Orchids	2773
Λ	Novelty Paph.	Dalla x fairieanum	Adelaide Orchids	
		Colorkulii 'Cool Color'	Adelaide Orchids	
S	Species Paph.	fairieanum	K & B Lynch	
		insigne 'Harefield Hall'	A DeIonno	
		appletonianum	J Nicholls	1
5	Species	Ludisa discolor	J NIcholls	3
		Den. filiforme	J Nicholls	2
		Ascoglossum calopterum	J Nicholls	1
DIVISI	ION FLOWER OF MON			

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### FIRST

Aus Native Terr	Ptst. concinna	B Wy1y1 3
	Ptst. cucullata	L Chambers 2
Cymbidiums	Superlips 'Adele'	H H Pankoke 3
	Kurun 'Magi'	J & J Jacobsen 2
	Grand Monarch 'Exqusite'	D Biebrick 1
Mini. Cym.	Ruby Eyes 'Red Baron'	J & J Jacobsen 3
•	Summer Cloud	W & M Vaughan 2
	Lerwick 'Leanne Crickmar'	V Rogers 1
Inter Cym.	Mini Dream	J & J Jacobsen 3
	Bingo 'Pink Beauty'	H & B Viney 2
	Tricia Allen 'Black Lips'	J & P Lewis 1
Cattleya	C. Eugene Hauserman 'Carol'	B Wy1y 3
Nov. Catt.	Slc. Tangerine Jewel x C. Chocolate Drop	R & B Anderson 3
	L. anceps x B. Glauca	H & B Viney 2
Nov. Paph	Leeanum	J & P Lewis 3
Paphiopedilum	World Cup x Betty Bell	D Biebrick 3
	Wendbourne x Sparsholt	D Biebrick 2
	Denna x Golden Orb	J & P Lewis 1
Species Paph.	venustum	D Biebrick 3
	villosum	L Chambers 2
•	insigne	J & J Jacobsen 1 R & B Anderson 3
Species	Rossioglossum grande	R & B Anderson 3

### SECOND DIVISION (continued)

Cymbidium	Durham Castle x Sylvania Halley's Comet 'Trenolea' Valley Angel	K & L Larsen 3 C & C Hames 2 C AMee 1
Mini. Cym.	pumilum x Goldenette Pepita 'Royal Gem' Pepita 'Sutherland'	A & C Potter 3 A & C Potter 2 A & C Potter 1
Inter Cym.	Mini Mint Lady Bug 'Royal Gem' Jill 'Katalinga'	J & M Cunningham 3 J & M Cunningham 2 G McMartin 1
Cattleya	UNKNOWN	K & J Larsen 3

<u>DIVISION FLOWER of MONTH:</u> Cym pumilum x Goldenette A & C Potter

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### REGISTRAR'S CHOICE FOR JULY:-

Mclna Pagan Love Song 'Ruby Charles' L & R Moore

### ON THE BENCH

Brenda Lynch.

Maclellanara PAGAN LOVE SONG 'RUBY CHARLES ' HCC/O.C.S.A, exhibited by L. & R. Moore, Open Division, was Registrar's Choice, Flower of the Month for July. The plant was recently awarded at the O.C.S.A Winter Show.

The plant of three large green bulbs carried one very long, slightly arching inflorescence bearing 13 flowers. The flowers were very large, star-shaped, of a bright yellow blotched on all segments with dark brown. The intergeneric Maclellanara is obtained by crossing an Odontoglossum with an Oncidium and a Brassia. Mclna. Pagan Love Song has rather a complex Odm. hybrid background, bred with Onc. tigrinum. Then onto Brs. verrucosa.

Onc. tigrinum has bright yellow sepals and petals heavily blotched with dark brown, and a bright yellow lip. So it would seem that the Mclna. has inherited these characteristics from it.

The large starry shape can be attributed to <u>Brs. verrucosa</u>, as can the lip shape. It is noted that the lateral lip margins are recurved, with the apex broadly rounded, as is the case with Mclna. Pagan Love Song. Somewhere along the way, most of the Odm. characteristics have been overshadowed by the infusion of the <u>Onc. tigrinum</u> and <u>Brs. verrucosa</u> into the breeding line.

Mclnas. prefer an open bark mix, and grow quite readily in the shadehouse along with the cymbidiums. They grow rather quickly into large plants, and do not flower till they build up large size bulbs. When fully mature the bulbs are like miniature footballs, and the flower spikes have been known to carry 20 or more flowers.

There have been many awards granted overseas, and this particular plant compares very favourably.

### BOOK REVIEW :-

We would like to bring it to members attention that the Australian Orchid Foundation put out a very good list on Orchid Books for sale, covering almost all genera of Orchids, some of thr Library books on Cattleyas, Oncidium Intergenerics, and Paphiopedilums and Australian Natives, have all come from the Foundation. The prices are very much below what you would pay in a shop, if you wish to see the list please see Terry Howard.

# Recently Recorded Cymbidium Hybrids

x Western Rose—Hamilton

-Pukekura Moonlight

x Pat Ann—Firegirl

-Hiroshima Melody

x Sabre Dance—Mission

x Lalantes—Potrero Hill

x Hamsey—Beenak Rose

Great Waltz x Valley Flower -- Great Flower Fairy Wand x Howard Cobb - Di Liguria Fanfare x Baltic Meadow—Baltic Glen Hiroshima Tower x Stanley Fouraker x Baltic Star-Baltic Clover Flirtation x Esmeralda—Holly Quain Geraint x Early Forest—Forest Gem Hunter's Point x Firewheel-Looker Excalibur x Sylvia Miller - Sir John Hamsey x Ayres Rock-Rock-On Howick x Bay Sun-Cape Crystal x Loch Lomond—Design Lancelot x Olymilum — Elfin Glow Gymer x Baltic-Vino Trebbiano Firewheel x Mitzi-Flaming Mitzi x Pendragon-Pentare Fred Parker x pumilum Corakı x Firewheel—Hiroshima Golden Cup Baltic Autumn x Solana Beach—Baltic Dew Chironla x Sabre Dance—Chocolate Spice Claudeen x Royden—Glen-Iti Champagne Christmas Morn x Mary Ann-Marry Morn Elaine Broiles x Kumamoto—Baltic Dance x Yowie Flame—Mini Beacon Esmeralda x Melinga - Golden Treasurer Charles Darwin x Loch Ness—Cape Sun Coral Sea x Carikhyber—Ella Mae Ferher Down's Deight x Poetic Fair - Fair Delight Ann Green x Vieux Rose—Perfect Match x William Hertrich—Sir Trevor x Trigo Royale—Crystal Acaputco x Winter Fair—Baltic Bouquet Baltic Meadow x Winter Fair - Baltic Ice Baltic Star x Trigo Royale - Baltic Swan x Zumma Boyd—Mini Frank x Vanguard—Baltic Cove Den Horst x Angelica - Prins Bernhard x Sylvania—Baltic Wind Ann Miller x Yowie Flame - Star Flame Angelica x Elaine Broiles -- Baltic Sun x Volcano — Mini Volcano Baltic Dream x Miretta—Baltic Luster bicolor x Esmeralda - Anna Margaret Carisona x parishii - Gustave Backer Sensation—Ned Kelly Agnes Norton x Jolity - Gold Mine x Carisona—Shellfire Bethlehem x Zepher—White Flash Earlyana x Mary Ann-Merry Earl Amesbury x Tongariro -- Sir Brent Ballic x Valley Knight-Bunyeroo Etta Barlow x Pinata—Pink Lady Celandon x Wyanga—Auckland x Sylvania - Baltic Sonnet x Wyanga—Sir Glen Claret x Clark Day—Baltic Glory Dorama x Rosewater-Lachian Beacon Fire x Baltic-Mini Fire Cariga x Runnymede—Goldrun Evening Star x Durham Castle Caligold x Peter Pan-Calipan Cavendish x Nigrito-Fiona Arabella x Mayfair - Arafair

x Tethys—Hiroshima Point King Arthur x Loch Lomond—Kings Loch x Sweet Butter—Bayview x Wakakusa - Hiroshima x Solana Beach—Baltic Khyber Pass x Loch Lomond—Loch x Yowie Flame—Ivy Flame x Western Rose—Sir Red x Volcano-Krakatau Ivy Fung x Panama Red—Sir Allan acky Kawano x Stanley Pearbel x Wallacia - Sir Tony Jivago x Claron-Vino Rosso x San Miguel Korintiji x Negrito-Korito Ippo x Rio Rita-Rippo

x Redwood -- Hiroshima Lady

x parishii -- Mighty Mite x Peetie-Honeymoon Lerwick x Vieux Rose -- Lerwick Rose

-Twilight Gold

x Endre Ostbo

Twilight Pink

Latigo x Kalydid—Cool Call

Mayfair x Khyber Pass—Spot On Minette x Lightning—Thunderbolt niveo-marginatum x Blue Smoke Palaker x Winter Fair—Gardalvin Putuna x Fanfare—Loch Katrine Mirella x Showgirl—Glamor Girl Pearl-Easter x Stanley Fouraker Mem. Doctor Borg x Peter Pan Peter Pan x Melinga—Elanora Promenade x Balkis—Akatsuki x Western Hill -- Strathtyre Mimi x Ivy Fung-Dear Karen x Rio Kita-Rio Lynn Pinata x Tapestry—Winetap x Remus—Strathblane x Ovation—Ovette Oiso x Olymilum-Oodles pumilum x Angela—Angie Nip x Balkis—Ben Venue

Sweetheart x Volcano—Lava Flow Rincon x elegans—April Showers x mastersii—Eskimo Pie x Dainty—Show Cone x Rincon—Glen Finglas x Terama-Red Adair Solana Beach x Scaramouche Sensation x Desiree A'Logann Sleeping Beauty x Valya Craig Sleeping Valley x Zuma Boyd Sweet Butter x Solana Beach -Sweet Cream x Pearlbel—Gawler x Radak-Morialta Putans x Auriga—Glentress Sea Gem x Wallara—Tahua Showgirl x Dag—Dag's Girl x Mary Ann—Oban Stanley Fourker x Pearlbel -Hiroshima Summer Time Minneken x Redwood—Hiroshima Pink Star Newmate x Valley Flower-Lucky Rainbow -Lake Macquarie x Snow Eagle—Valley Palace -Kiwi Volcanic Lunagrad x Downs Delight-Valley Grove x Valley Paradise—Valley Wand Palace Court x Balkis - Mount Kosciusko Mary Pinchess x Panama Red -- Sir Peter x Lunagrad—Valley Royale madidum x lancifolium—Elsie Blackmore Lightning x Peter Pan-Stormy Weather Music Bow Dancer x Dag—Dear Eileen x Extravaganza-Tina Turner Ovation x Celtic Oak—Oakleigh Charm x Valley Parfait - Mini Crystal x lowianum-Memoria Geoff x Sleeping Castle—Top Hat lowianum x Goosander-Fred Parker Mini Mint x Tom Thumb-Mini Tom Pearl-Balkis x Merlin-Vino Bianco Lynette x Lunagrad—Brook Melody parishii x Puppy Love -- Mini Emma Mary Ann x Loch Lomond -- Sir Alf x Lunaly—Valley Forest x Volcano—Volcanic Splash x Yowie Flame -- Mini Flame x Sagami-Pine Crash x Ovation—Tenterfield Liliana x Solana-Lilli Beach Lucy x Orissa-Den Horst

x Gammieanum—Lemon Surprise -Desert Beauty -Pure Gold -Valley Exquisite Sussex Dawn x Baltic Dream—Baltic Angel Runnymede x Wallara—Seasoned Timber Rosarita x Spartan Queen—Spartan Rose Snow Sprite x Almeria—Memorial Ludwig Sweet Lime x devonianum—Fred Powell Sabre Dance x Sweet Butter-Butternut x Borough Green-Karewa x Yowie Flame—Red Skelton Sleeping Lamb x Mini Mint - Mini Lamb Sazanami x Rosalita—Hiroshima Tower x Cosmos—Baltic Belle x Zumma Gem-Mini Gem x Selkirk—Memoria Albert Rathel x Stanley Pearlbel—Shelipearl x Precious Pink—Gleneagles x Valley Sprite—Cauldron x Valley Flower-Red Hot Shirley x York Meredith—Tanekaha Siram x Palace Court—Valley Blush Sara Jean x Yowie Flame-Maluka x Minneken - Lonely Lady Swallow x Wallara-Vino Moscato x Sleeping Beauty