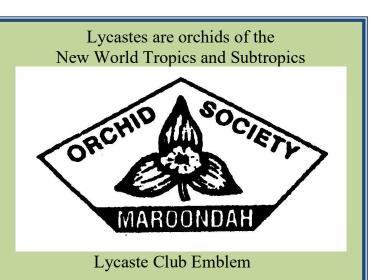
MAROONDAH ORCHID SOCIETY INCORPORATED

MONTHLY NEWS LETTER



Volume : 46 - Issue : 11

Next Meeting: Friday – 15 December 2023 Dinner begins at 7.00pm Venue: St. Timothy's Catholic School 21 Stevens Road, Vermont. (Melway, Map 62 Ref.G3)

ITEM OF THE EVENING: Christmas Dinner

Venue: The main hall at St Timothy's.

Arrival Time: 6.30pm.

What to bring: BYO drinks, glasses and cutlery (food provided).

Kris Kringle: Bring a gift to the value of \$10 and mark His, Hers or Either.

Special Effort: Will be Christmas Hampers.

There will be no Sales Table but every member will receive a gift.

Bench Competition: There will be no judging but there will be a popular vote under two categories open and intermediate/novice.

Monthly benching prize winners will be announced.

President's Report

Wow, what an amazing year we've had!

I thought it appropriate to mention some of the of the highlights of the year in this month's Report.

- In February we moved to our new Monthly Meeting premises in the larger hall at St Timothy's
- We had Terry Poulton Cymbidiums the Poulton Way
- We had an excellent video by Phil Spence on cultivating Latouris Dendobriums
- Our annual review on the VOOTY Awards presented by Leo Orland
- We had a presentation by John Varigos Taiwan International Orchid Show
- Our July in-house auction was a huge amount of fun and raised \$831.00 for the Club
- In August and September Murray Harding discussed the importance of light, air and water for all orchids,
- David Cannon gave us two fantastic hands-on sessions on deflasking seedlings
- We had four Maroondah Orchid Society members take out awards at OSCOV 2023
- Our Annual MOS Show was once again a great success as was the club Sarcochilus Show in November
- We said thank you to Ron Coleman (retiring President) and Graeme Moffat (retiring Treasurer) for their selfless dedication to the Club

We'll round out the year with our Christmas Dinner. As always, there'll be hamper prizes, a Special Effort and plants on which to cast a popular vote.

To all our members and your families, enjoy the time with your loved ones and I am looking forward to seeing you at our Club meetings in 2024.

Michael Chivell

M.O.S. Inc. Patron: David Cannon

Life Members: The late Frank Date, Jim Foster-Johnson, David Cannon, Alan & Nancy Cockram, Dieter Weise, The late Barry Robinson, Susanne Redpath, Max Bomford, Cheryl Luth, G Moffat.

Current M.O.S. Inc. Committee:

Deve st d a set	$M_{1}^{2} = 1 C L_{1}^{2} = 11 (M) 0402 5 (0.217)$		
President	Michael Chivell (M) 0402 568 217		
Vice Presidents:	David Cannon (M) 0418 394 282		
	Ron Coleman		
Secretary:	Leo Orland (M) 0419 884 492:		
	email <u>leoorland@totalfundraising.com.au</u>		
Treasurer:	Ron Coleman (M) 0477 311 188		
Committee:	Graeme Moffat (H) 9726 5793		
	Leanne Le (M) 0416 818 290		
	Genny Chivell (M) 0434 995 174		
	Jim Foster-Johnson (M) 0412 366 686		
	Edith Yu-Chan (M) 0411 378 096		
	Heather Coleman		
	Claudia Ng		
Membership Secretary:	Edith Yu-Chan		
Newsletter:	Leo Orland		
Floral Art:	Susanne Redpath (M) 0413 138 307		
Website Manager	Heather Coleman		
MOS Website Address	www.oscov.asn.au/mos		
MOS Facebook Address	www.facebook.com/maroondahorchidsociety		

Interesting Plants from the November Meeting



Interesting Sarcs at November Meeting



BENCH COMPETITION November 2023

JUDGES VOTE	Cymbidium caniculatum 'Jessica'	c	H. Truong
POPULAR VOTE	Sarcochilus Dove 'Big White #2'	c	G. McCully
BEST IN SECTION			
Open	Cymbidium caniculatum 'Jessica'	c	H. Truong
Intermediate	Dendrobium Miki	c	
Novice	Masdevallia coccinea	c	T. Pham
	Open Section		
Miniature Cymbidium	1 st Sweet Devon	c	D. Cannon
	2 nd Kuranda	c	H. Truong
	3 rd Mad Magic	c	D. Tung
Masdevallia Hybrid	1 st Bella Donna 'Prima'	c	J. Foster-Johnson
Ĩ	2 nd Cuzco Gold "Orange Crush	c	J. Foster-Johnson
	3 rd Lighting Stripes Plush	c	J. Foster-Johnson
Masdevallia Species	1 st coccinea 'Pink Perfection'	c	K. Lam
Dendrobium	1 st Valentine's Day 'Jolan De'	c	L. Le
	2 nd Hamann Lake	c	S. Kappl
	3 rd Gatton Sunray	c	J. Foster-Johnson
Lycaste	1 st skinnerii x Aquila	c	L. Le

Australian Native – Sarcochilus Hybrid	1 st Peristerchilus 'Olve Grace'	c	S. Kappl
Hybrid Laelinae Minature	1 st Cat. Royal Beau 'Alex'	c	J. Foster-Johnson
	2 nd Cat. Aussie Sunset	c	J. Foster-Johnson
Species Any Genera – The America's	1 st Cat. Intermedia (Semi Alba)	c	C. Luth
Species Any Genera – Asia	1 st Coelogyne pundulata	c	K. Lam
	2 nd Coelogyne mooreana Brockhurst	c	D. Tung
	3 rd Cymbidium devonianum	c	D. Cannon
Species Any Genera - Other	1 st Cymbidium caniculatum 'Jessice'	c	H. Truong
	2 nd Cymbidium caniculatum	c	H. Truong
	Intermediate Section		
Miniature Cymbidium	1 st Cricket	c	R. & H. Coleman.
	2 nd Mary Green 'Nifty Guy'	с	C, Gunawan
	3 rd Sarah Jean 'Peach'	С	C. Gunawan
Dendrobium	1 st Miki	c	C. Gunawan
	2 nd Hamane Lake 'Dream'	c	C. Ng
Species Any Genera – The America's	1 ^s Cat. Intermedia 'Alba'	c	C. Gunawan
	Novice Section		
Miniature Cymbidium	1 st Black Stumo x suave	c	T, Pham
Masdevallia Hybrid	1 st Heathii x Heiba Brilliant	c	T. Le
~	2 nd Unknown	c	T. Le
	3 rd Top Vintage 'Beenak'	C	T. Le
Masdevallia Species	1 st coccinea	c	T. Pham

Species Any	1 st Coelogyne mooreana	c	R. Kasam
Genera - Asia			
Open -	1 st Dendrobium parishii	c	J Foster-
Seedling			Johnson
Flower for the			
first time			

Sarcochilus Night Show Results

Champion			
Sarcochilus of the Night	Dove 'Big White #2'	c	G. McCully
Open			
Best Classic Shape -			
White	Dove 'Big White #2'	c	G. McCully
Best Classic Shape – Red/Pink	1 st Kulnara Dazzel 'Bunyip'	c	H. Truong
Best Classic Shape – Any Other Colour/Combination of Colours	1 st Kulnara Taser x Kulnara Need	c	H. Troung
Best Novelty Shape – Open Shaped Plants (e.g. Australis etc.)	1 st Verolica	c	D. Cannon
Best Species	1 st parviflores	c	S. Kappl
Best Speciman (Hybrid/Species)	1 st Dove 'Big White'	С	G. McCully
Other Than Open Section			
Best Classic Shape – Red/Pink	1 st Kulnara Dazel x Bunyip	c	C, Gunawan
Best Classic Shape – Any Other Colour/Combination of Colours	1 st Lace Patterning	c	T. Le
Best Novelty Shape – Open Shaped Plants (e.g. Australis etc.)	1 st Elise x Velvet	c	C. Ng
Seedling Flowering For The First Time			
Open	1 st Kulnara Blend x Kulnara Exquisite	c	G. McCully

Photos from the November Meeting









ORCHID ROOTS AND LEAVES

All orchids have roots and most have leaves, but do we really understand the purpose of these major plant components? Orchids do not have a main (or tap) root – many roots may emerge from the base of the pseudo-bulb but these are classed as adventitious roots, being the same as those that are sometimes produced at other locations along the pseudo-bulb.

Leaves come in a variety of forms, ranging from some that are cylindrical in cross-section to others that are flat and papery. Many orchids rely on their leaves (small as they may be in some cases) as their only reserve of moisture in times of drought.

First, let's look at the roots. They are not provided to hold an orchid in its pot, although they do come in handy for that purpose. The root system is the orchid's farmland, where it gathers water and nutrients and transfers them to other parts of the plant. If we cut an orchid root at an oblique angle, we can see that it is made up of three concentric rings. The outer ring is similar to a sponge – it readily soaks up water and dissolved nutrients and passes them to the middle ring, known as the cortex. The outer ring, called the velamen layer, is usually whitish in colour when dry or moist but has a greenish tinge when fully saturated with water.

As moisture passes from the velamen to the cortex, the velamen draws in air, which forms a barrier that prevents water from being returned to the atmosphere, so helping the plant to preserve moisture for as long as possible. The cortex then passes on its absorbed water and nutrients to the inner ring, known as the pith. The channels (vascular bundles) within the pith contain xylem bundles and phloem tissue that then transfer the moisture and its dissolved nutrients to other parts of the plant.

Although some orchids do not have leaves, they play an important part in the health of most orchids. It is there that water and carbon dioxide (a trace component of air) react together, under the influence of sunlight and a green catalyst called chlorophyll, to produce various sugars. These, in turn, are processed into cellulose – the 'bricks and mortar' of all plants.

The upper surface of an orchid leaf has a smooth waxy texture, and is designed to reflect heat and act as a waterproof jacket that protects the outer leaf cells. The lower surface of the leaf is usually shaded from sunlight and it therefore has a much thinner protective layer. This layer is pierced with thousands of minute slits (known as stomata) that the plant can open or close as needed. Beneath each stoma (the singular of stomata) is a cavity in which water andcarbon dioxide are held before they are converted to sugars etc., as described above. The number of stomata varies widely within different orchid genera, ranging from 800-18,000 per cm2, with a mean of about 3000 per cm2 – an incredible number, when one considers that 1 cm2 is about the area of a fingernail!

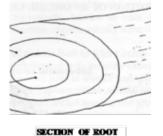
The above facts have raised some answered questions in my mind.

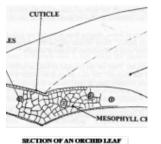
If orchid roots act like a sponge and soak up water and dissolved nutrients, why should we water our plants before we fertilise them? It seems to me that if the roots are already saturated with water, most liquid fertiliser subsequently applied would run to waste!

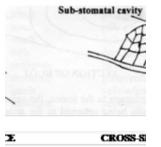
If the upper surfaces of the leaves are waxy and waterproof, why do we foliar feed our orchids? It seems to me that the only benefit that foliar feeding offers is the fertiliser that runs off into the pot and is then absorbed by the roots.

Literature. G.C. Morrison, The Essentials of Orchid Growing, Kangaroo Press (1991).

© Orchid Societies Council of Victoria Inc – All Rights Reserved Web Site Development and Hosting: Exclusive Web Services Pty Ltd









If Undeliverable Return to: The Hon. Secretary, Maroondah Orchid Society Incorporated P.O.Box 5076, Ringwood. Vic. 3134





Collectors Corner/Garden World - You can get 10% off some items within the store by showing either your membership badge or membership card.

DISCLAIMER

Maroondah Orchid Society Incorporated, Executive and Committee will not take any responsibility for the results of any action taken on advice given or views expressed by any member or invited speaker at any meeting or show. Views and opinions in this Newsletter by authors of articles do not necessarily reflect the views and opinions of Maroondah Orchid Society Incorporated or its Executive or Committee.