

# NOSSA

## Native Orchid Society of South Australia

### OPPORTUNITIES

Help save *C. argocalla*

Neville Bonney book

Zoom a guest speaker

Involvement in NOSSA

### TREASURES GALORE!

Mallee Treasures

Jewels on Yorke Peninsula

Saving a Clare Valley Gem

OAKDEN a Treasure?



### Exciting News

Bush Tucker  
Breakthrough?

# JOURNAL

**SEPTEMBER  
2022**

Volume 46 No.8



# Bush tucker Break-through?

Les Nesbitt

When packing orders, I noticed that several *Pterostylis truncata* (You Yangs from Victoria) plants were forming five tubers. Tuber development on *Pterostylis* from the Eastern States occurs earlier than on South Australian and Western Australian species which have hardly started forming in early August. Is this a possible contender for bush tucker?

Flowering plants do not produce tubers like this as the effort goes into flowers and possible seed. Not many plants flower in a colony of *P. truncata*. In a hot summer none will flower in Adelaide. The tray of rosettes shown may produce as many as 240 tubers this season. Progress will be reviewed in summer and the best three candidates will be selected for the 2023 season.

*Pterostylis truncata* was first described in 1878 by Robert Fitzgerald from a specimen collected near Mittagong and the description was published in Fitzgerald's book *Australian Orchids*. The specific epithet (*truncata*) is a Latin word meaning 'to maim or shorten by cutting off', one of its common names being 'little dumpies'. It is easily distinguished from other greenhood orchids by its short stem and relatively large, 'dumpy', green, white and brown flowers.

It is classified as 'endangered' in Victoria, it's future in the wild being affected by grazing rabbits, feral goats and kangaroos, as well as weed invasion, especially boneseed. It used to have a much larger distribution area but habitat loss due to urban spread is increasingly swallowing up its growing territory.

When not flowering, *Pterostylis truncata* has a rosette of between two and six bright green, egg-shaped to lance-shaped leaves, each leaf 10–35 mm (0.4–1 inches) long and 5 - 18 mm (0.2 - 0.7 inches) wide.

Above left: a rare sight - *Pterostylis truncata* forming tubers. Below; Les' pots of *P. truncata* Photo credits: Les Nesbitt



Left: flowers of *P. truncata* Photo: D Hirst

Below: Photo by Les Nesbitt



**Front cover photo - *Caladenia cardiochila*** Photo: Lisa Incoll

This is one of the photographer's favourite orchids, and what a beautiful photo. It looks like you could pick it up. Mostly it is to be found in sandy soils in the mallee especially in mallee broombush or in *Callitris* woodland and about rock outcrops but also in coastal dunes and headlands. A plant of the sandy plains and dunes. Check out our Field trip report on pp 87-89 and 96a & b for more of what was seen.



# Field notes from the Guide

Leo Davis

Leo was the field trip guide on 27th August when a group visited Monarto Conservation Park and Ferries McDonald C. P. What follows are notes on some of the 'finds'. Read the full report on pp 88 and 89

## Prasophyllum Patch



Leo Davis

A busy patch of *Prasophyllum elatum* was found at Monarto. This species, according to p. 379 of June Niejalkes's outstanding Field Guide, 'rarely flowers without fire except when on limestone'. Next day a plant was observed, on Yorke Peninsula, in Mulbura Park Reserve, very much 'on limestone', well in bud.

Our Monarto plants were in the very stony limestone sector of the Park. They may be worth checking for possible flowering, perhaps in October.

## Bunochilus

It has been suggested that the *Bunochilus* species at Ferries McDonald C.P. is *B. flavovirens*. According to p. 206 of **Native Orchids of South Australia**, *B. flavovirens* has a 'flat-topped basal mound on the labellum'. This is not the case at Ferries McDonald (the mound is clearly visible), implying that we have *B. prasinus*.

## Pheladenia Hybrid

The single plant of *Pheladenia deformis* x *Caladenia capillata* hybrid seen in Ferries McDonald C.P., was first located and observed in 2020. The plant did not flower in 2021 but has reappeared in 2022. The parent species are flowering all around it.

A similar crossing was observed at Bullers Road in September 2016 and it had wider tepals (sepals and petals) and labellum.

Inter-generic hybrids are not uncommon in plants, especially orchids, usually via human intervention, in breeding programs. That said, the two parents in this case may be less distantly related than current names at first suggest. At various times, across more than 200 years, taxonomists have labelled each as a *Caladenia*.

The blue fairy orchid was described as *Caladenia deformis* by Robert Brown in 1810. In 2001, almost 200 years later, Jones and Clements placed it in the newly established monotypic genus *Pheladenia*.

In 1922 Dr R. S. Rogers described *Caladenia filamentosa* var. *tentaculata*, based upon plants collected in August 1889, by Cleland, on Eyre Peninsula, near the Gawler Ranges. In 2000 Jones renamed it *C. capillata*. In 2002 Jones and Clements moved it to *Calonemorchis capillata*.

Around 2001 Szlachetko established the genus *Jonesiopsis* for all wispy spider orchids and in 2003 Jones and Clements moved the white wispy spider orchid into that genus, as *J. capillata*. In the 2021 third edition of Jones' **Complete Guide** he has moved it back to *Caladenia*, apparently abandoning the genus erected to honour him.



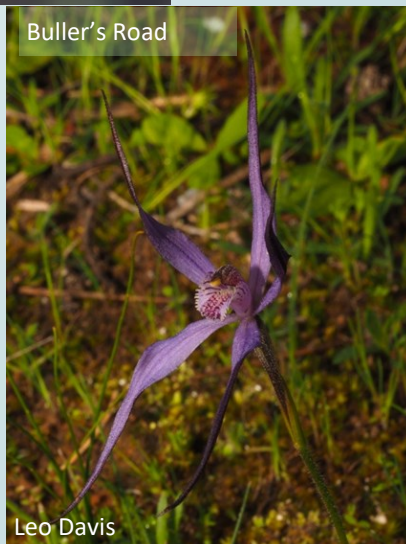
Leo Davis

Ferries Mc Donald C.P.



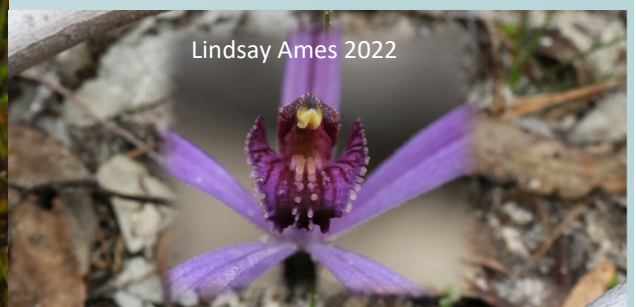
Leo Davis

Buller's Road



Leo Davis

Lindsay Ames 2022





# Mallee Treasures

Anna Nankivell

Our group of 13 eager orchid spotters met at Monarto Conservation Park car park at 10 am for our visit to see what the mallee region held in store for us. We gathered around Leo, our field trip leader as he outlined the days' activities. We set off shortly afterwards with mozzie repellent sprayed liberally, and some of us leaving no bare skin for the mozzies to find! Leo was keen for us to see as many species as possible and he suggested to keep moving to start with and not to be distracted (there will be more orchids further on we were promised!). This was difficult, as many flowering orchids were tempting us to photograph them, including *Caladenia (Jonesiopsis) capillata* (white wispy spider) and *Diuris palustris* (little donkey). We continued between, over and under broom bushes and native pines and over old farmland re-growth. After walking at a cracking pace, we reached the abundant spot of *Diuris palustris* and *Pheladenia* (bluebeards). The *Pheladenia* were in all shades of purple. A few white ones were spotted which caused some excitement. Onward to the spot where Leo had located *Caladenia cardiochila* (heart-lip spider) earlier in the week. Unable to locate the exact spot, GPS genius, Robert Lawrence soon found a group of about six stunning flowers nearby. Now, mostly back on a proper path after bush bashing, we passed a few flowering *Diplodium dolicochilum* (mallee shell or dolis for short!), well spotted by Lindsay. We also found a group of *Diplodium erythroconchum* (red shell orchids), as we made our way back to the carpark for lunch around 1 pm. It was nice to have a sit down and group chat about the amazing orchids we had seen. Rosalie informed the rest of us that on her solo field trip, (due to a sore foot she wasn't able to join the rest of the group) she had spotted some *Oligochaetochilus* sp. (rufushoods) in bud which was a great find.



Lisa Incoll - *Diuris palustris*



Lisa Incoll -  
*Diplodium erythroconchum*



Lisa Incoll - *Caladenia capillata*



Rosalie Lawrence - *Oligochaetochilus* sp.



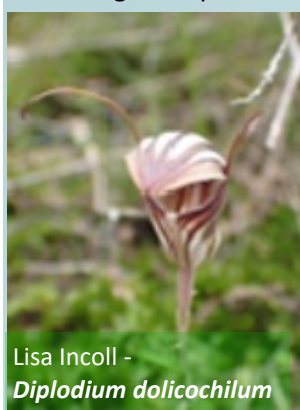
Lisa Incoll - *Pheladenia* twins



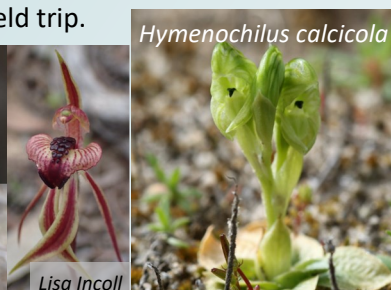
After lunch, Leo split our group into two, for our visit to Ferries McDonald Conservation Park. Half the group headed off to view *Hymenochilus pisinnus* (slender midget), with Leo pointing out the green 'M' on the labellum, the green arches which distinguished this species. The second group went to view the stunningly beautiful hybrid *Pheladenia deformis* x *Caladenia capillata*, a first for many of us. Rosalie was fortunate to get out of her car at just the right spot, where there were some lovely flowering *Bunochilus prasinus*, together with some *Urochilus*. Leo pointed out that a distinguishing feature of this species of *Bunochilus* was the peaked basal mound in the labellum. Then the groups swapped over, and after a little confusion as to when to meet at the north-west part of the park, we all eventually caught up to search for *Caladenia stellata* (starry spider). Initially, while getting ready to head off, Lindsay put out a bird call to the Southern Scrub Robin, and to our delight along hops a couple of them checking out Lindsay's mobile. A little way along a proper track, Leo led us to the stellata spider spot where we had heaps of them to choose from, with many colour variations including one that was completely yellow.

At this point, I headed off home and there was a small group of five that ventured on to the last place that Leo planned to show us. (From Lisa...) We saw some more flowering *Bunochilus*, a *Thelymitra* in bud (possibly *alcockiae*) and the *Caladenia campestris* spider in bud which was well protected by Leo's fortress of sticks!

A big thankyou to Leo for leading our group, showing us so many different orchids and for having a wonderful knowledge and passion for native flora, also a big thankyou to Lisa for organising the field trip.



More photos on page 96 and don't forget—next field trip on 27th September.



Rosalie Lawrence



## August's Winning Photo - *Corysanthes diemenica* Karin Sefton

*Corysanthes*: korys (Greek, meaning helmet) and anthos (Greek, meaning flower)  
*diemenica*: Van Diemen's Land (the old colonial name for Tasmania) where the species was originally collected.

I have to confess, any merit earned by this photograph lies solely with the subject, as helmet orchids are very obliging and photogenic. The veined helmet orchids in particular, with their rounded and toothed helmets, are very attractive, with the added advantage to the aging photographer that they tend to grow on banks, thus obviating the need to get all the way down onto the ground to capture their beauty. Add to that their fondness for mossy surroundings, and the photograph virtually takes itself.

As for the flower structure, the dorsal sepal forms the top of the helmet (the part with the smooth front edge); the labellum is comparatively large, being the toothed sides of the helmet together with the white part in the centre (called the boss) and the little white collar further down the flower stalk. The lateral sepals and the petals are very small, visible only as tiny white filaments below the collar.

*Corysanthes diemenica* flower mostly in July and August, and are pollinated by fungus flies, attracted to the fungi growing in these damp, mossy areas. After pollination the flower stalk elongates up to 30 cm tall, enabling good seed dispersal. They can also reproduce vegetatively, forming quite large colonies. They grow in many parts of South Australia, and also in the eastern states. The one in the photograph was in Belair National Park.



## August's Winning Photo - CAT 2

Between showers and sunshine, it looks as though this patch of *Diplodium robustum* had been having a very robust discussion at the Ardrossan cemetery.

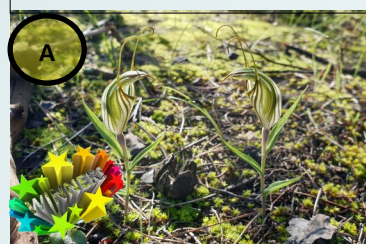
So I pondered what would a couple of orchids be discussing so intently that, like true orchidologists, they ignored the weather. Well there is only one thing that any self-respecting orchidologist would have a robust discussion about and that is taxonomy, so of course the orchids would be interested in that - I mean to say, this is their identity. Over the last 200 hundred years, many species have been moved in and out of different genera, split and then put back together.

Naturally any self-respecting orchid needs to keep up-to-date with the latest research. So maybe they were discussing Katharina Nargar, *et al*, June 2022 paper which looked at the evolutionary history (using DNA) of the subtribe *Pterostylidinae* (which for practical purposes is the genus *Pterostylis*) as a tool for determining taxonomy. Or maybe it was the placement of *Pterostylis nana* within the subgenus *Diplodium*. *P. nana* had once been given its own genus of *Linguella* which was characterised by a plant having both a rosette and cauline leaves (leaves on the stem). *Diplodium* on the other hand was morphologically characterised by having a sterile plant with only a rosette and a flowering plant with cauline leaves and no rosette. DNA studies have linked the two. So the history of naming and renaming, splitting and lumping continues, but ..... we continue to enjoy these most fascinating and alluring of all flowers.

Here is the link to find out more about this article: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9277221/#>

Rosalie Lawrence

"I'm telling you, I read it in the 2022 article *Evolutionary Relationships and Range Evolution of Greenhood Orchids*."



### AUGUST PHOTO COMPETITION CAT 1 details

1. *Pterostylis nutans* - Andrew Shaw - Belair
2. *Acianthus* sp. - Mark Haese
3. *Pheladenia* - Karin Sefton
4. *Nemacianthus caudatus* - Andrew Shaw—Mark Oliphant CP
5. *Diplodium dolichochilum* - Robert Lawrence
6. *Corysanthes diemenica* - Karin Sefton - See above - Winner
7. *Anzybas unguiculatus* - Lindsay Ames
8. *Acianthus* sp. - CP in SE of SA - Paula Anesbury



Mobile  
Phone  
Prices

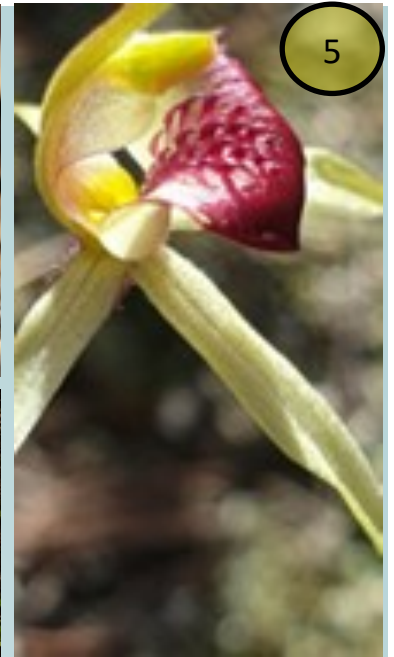
B

### CAT 2

A - see above Winner  
 B - Rosalie Lawrence

TPAG (Threatened Plants Action Group) AGM, which was announced in NOS-SA's August Update email, has been postponed (due to illness of a key committee member). Further announcements regarding how to joining TPAG and when the AGM will be held will be made soon.





## SEPTEMBER PHOTO COMPETITION

### CAT 1 details

1. *Caladenia latifolia* x *rigida*
2. *C. brumalis* x *latifolia*
3. *Corysanthes diemenica*
4. *Caladenia stellata*
5. *Arachnorchis* sp.

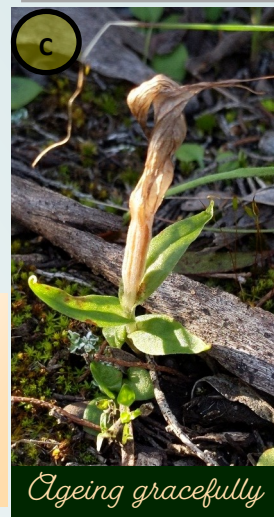
### VOTING for these photos

Please send your vote for each category to the Editor .. 5pm Monday 26th Sept.

## SEPTEMBER - CAT 2



Even when I forget to send out a reminder the votes come in!



Ageing gracefully



Hmph. They just said we're past our prime!

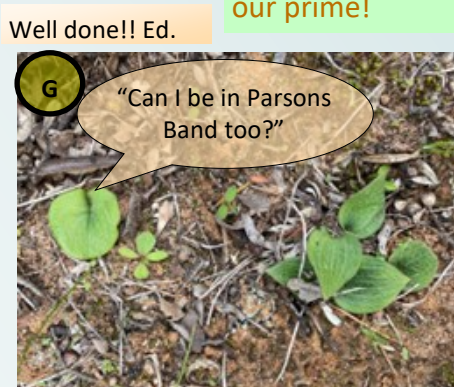


See? If I stretch back far enough, my tummy's flat!

'The Great Goblin, whose kingdom lies under the Misty Mountains'.

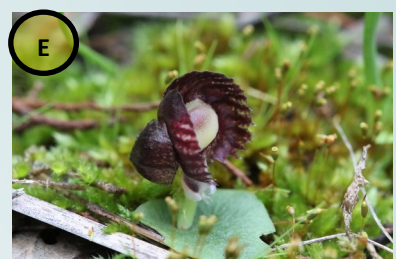


"Sun-kissed!"



Well done!! Ed.

"Can I be in Parsons Band too?"



"Woops, I lost my hat."



# Meeting Orchids

Les Nesbit

All photos on this page by David Hirst.

All section winners entered by Les Nesbitt.



**Above: Terrestrial Species**  
*Chiloglottis trapeziformis*



**Terrestrial Hybrid**  
*Pterostylis Hoodwink*



**Epiphyte hybrid**  
*Dendrobium Stoney Point x Aussie Parade*



**Plant of the Night**  
**Epiphyte Species**  
*Dendrobium teretifolium*

## Jewels on Yorke Peninsula

Adrian Uren

As a family we stayed in Marion Bay, Yorke Peninsula, for a couple of nights and then it was a whistlestop tour around all the suitable habitats in the area. The time spent in each location (usually 10-30 minutes) was largely dependent on the patience of my toddler son, George! However, even in this short time at each place, there was a huge abundance and species diversity of flowering orchids to be seen.

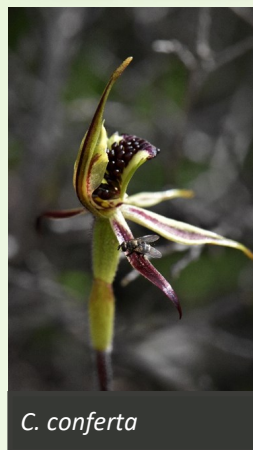
We had not been to the area at this time of year and the spectacular display was even better than I was expecting it to be. Ramsay Conservation Park was particularly notable for the thousands of blue fairy orchids, *Pheladenia deformis* and winter spider orchids, *Caladenia brumalis*. The endangered crowded bow-lipped spider orchid, *Caladenia conferta*, was also in very good numbers and we were also excited to find what I believe is the sooty spider orchid, *Caladenia fuliginosa* (although it is generally considered to flower slightly later and is coastal (Niejalke and Bates).

The very inconspicuous and easily overlooked block in which the critically endangered ghost orchids, *Caladenia intuta*, are to be seen was also a great highlight. It was very interesting to observe how this species has held on in a small patch of habitat that has been largely unchanged since



*Caladenia intuta*

Photo: Adrian Uren



*C. conferta*



*C. fuliginosa*



## Malacologist Member Shares

John Eaton

Our August 23<sup>rd</sup> NOSSA members had an opportunity to get know one of our newer members: **Michael Burrell**, our guest speaker for the evening.

Mike's work as a geologist has taken him to far-flung places, after having studied Geology at Flinders University. Before he retired, Mike worked in Paris as a Corporate Manager of *Quality, Health, Safety, and Environmental Standards* and in Azerbaijan as a Corporate *Geoservices Operations Manager*.

While we are fortunate to have Mike as a member of NOSSA – we also share him with the *Cactus and Succulent Society*, the *Butterfly Conservation South Australia Inc* and the *Flinders University Palaeontology Society*.

In retirement Mike leads a very busy life as a volunteer malacologist with the *Marine Invertebrates Department* of the *South Australian Museum*. NOSSA Members will recall Mike's friend, Peter Hunt, also a volunteer malacologist with the Museum, who spoke at our April meeting on the topic "*Slugs & Snails: Your friend or Foe?*". Malacology, you may remember - is that branch of invertebrate zoology that studies molluscs, the second-largest phylum of animals after arthropods. Molluscs include gastropods such as marine and land snails, bivalves such as cockles and clams, along with octopus and squid, most of which have shells. One division of malacology - *conchology*, is devoted to the study of mollusc shells.

Mike volunteers as a member of the *Port River Shellfish Restoration Group* and he is also the President of the *Malacological Society of South Australia* and the Vice President of the *Field Geology Club of South Australia*.

Not surprisingly, it was Mike's interest in marine ecology and the environment that led him to offer a talk on "*The Biodiversity of Gulf St. Vincent*." Mike proceeded to chart a course that was somewhere between *hope* and *despair* as he documented the anthropogenic factors that have brought about a steady decline in marine biodiversity in Gulf St Vincent. However, despite the gloom, Mike – throughout his talk offered *hope* to his audience - a hope, expressed in purposeful and meaningful action that we can all take in helping turn around the ecological mess man has created by his careless pollution and wilful destruction of our natural habitat—which also affects our orchids.

The entire report can be found on our Native Orchid Society of South Australia website, [Nossa.org.au](http://Nossa.org.au)

Michael Burrell receives a gift of appreciation from John Eaton.



## Jewels on Yorke Peninsula - *contd.*

Adrian Uren

Having only relatively recently begun to fully appreciate finding and seeing South Australian orchids in their natural habitat, this trip has only further increased our enthusiasm for seeing what other jewels are out there!

I would also like to share how helpful the new Field Guide by June Niejalke and Robert Bates has been to help understand more about species we have been finding. It is a beautifully written book.



*Caladenia brumalis*





# Saving a Clare Valley Gem

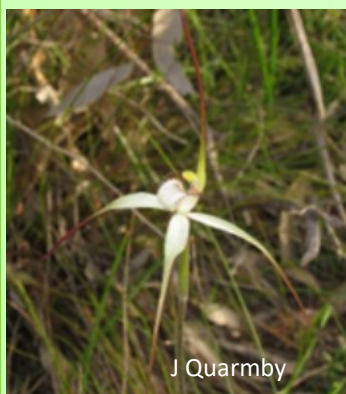
Doug Bickerton

I never fail to be amazed by volunteers who willingly give up their day or weekend to contribute to a worthwhile cause. One such example was the weeding day recently held at the site of an endangered orchid population in the Clare Valley. Twelve volunteers met on Saturday 18<sup>th</sup> June at the site of the largest known population of the White Beauty Spider-orchid *Caladenia* (syn. *Arachnorchis*) *argocalla*. NOS-SA members Rob and Rosalie Lawrence, Rob and Jenny Pauley, Peter McCauley and myself met with Threatened Plant Action Group (TPAG) members and locals to remove the invasive weed Topped Lavender from the area immediately surrounding one of the larger patches of the orchid.

We were fortunate to have sunny mild weather, and the mood was similarly warm and convivial. People shared experiences and became acquainted with each other while hand-pulling or lopping the small lavender seedlings and shrubs. The orchid was not in flower, although a few leaves had started to emerge.

The White Beauty Spider-orchid is nationally endangered, with a distribution mostly confined to the Clare Valley, and some smaller populations in the Adelaide Hills. The target site for our weeding day has the largest population, and in a good year more flowering plants can be seen here than all other populations combined.

The population was officially recorded for the first time more than 20 years ago, and since then various groups or government agencies have had responsibility for managing the population, including the Northern and Yorke Landscapes Board and Trees For Life. Earlier this year, TPAG was successful in obtaining a Friends of Parks Partnerships



J Quarmby

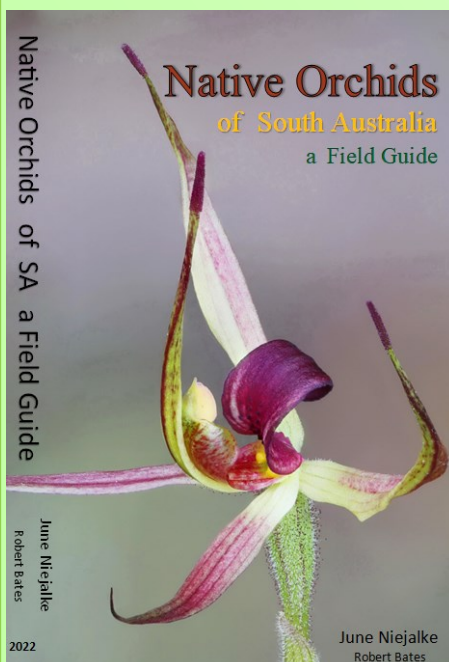
Grant to help manage the site for 3 years. The Sevenhill Cellars winery is a partner in the project, and is providing a substantial financial co-contribution. General Manager Jonathan O'Neill acknowledges the importance of the population for the species, and is committed to ensuring the project makes a significant difference to the security and future of the orchid.

Already contractors have cleared Topped Lavender from about 8 ha at the site, and our intrepid volunteers added 0.5 ha to the tally. Sevenhill Cellars sustained the volunteers' spirits with generous servings of chocolate brownies, followed by a hearty soup and slices of pasta at lunch time. A clever ruse, guaranteed to see people coming back next year!



J Quarmby

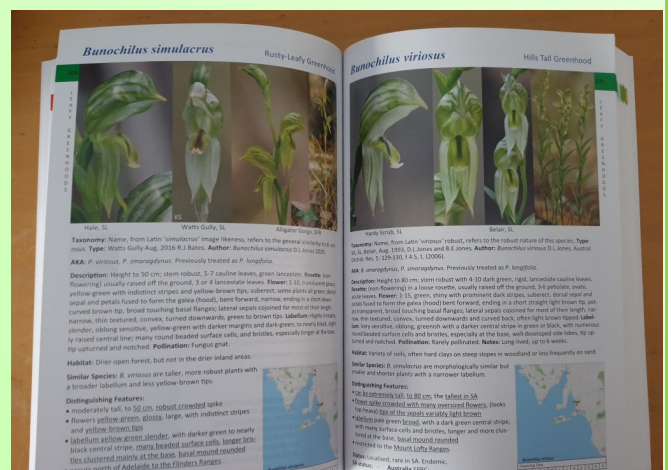
## June's Book



A 'must have' for the serious terrestrial orchid hunter. So much shared knowledge, lots of photos and very considered layout.

Check the website for instructions on how to purchase.

[Unlike other publications I have not heard a single negative comment about her book and what I have read, leaves me in awe of the way she has got around the difficulties of name changes. She has so much personally-learned things to look for in identification of new orchids which she shares in an easily read and understood fashion. Notice too, the references to it in other articles in this journal!]





## Bulletin Board / Date Claimers

The Native Orchid Society of South Australia generally meets every 4th Tuesday of the months February to November at St Matthew's Hall, Cnr Wellington Street & Bridge Street, Kensington (just off Kensington Road). Meeting starts at 7.30 pm Doors to the hall open from 7:15 pm to allow Members access to the Library and Trading Table.

### CALENDAR

DATE	EVENT
<b>Sept</b>	
13	Committee Meeting <i>All welcome</i>
17, 18	NOSSA Spring Show
24	Field Trip <b>** note date change</b>
27	General Meeting
<b>Oct</b>	
1	<b>Field Trip moved to 24th Sept</b>
11	Committee Meeting <i>All welcome</i>
17, 18	NOSSA Spring Show
25	General Meeting
29	APS sale - Urrbrae High School Field Trip
	<small>*Committee meetings begin at 7.15 pm</small>

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#### 'MEMBERS ONLY' WEBSITE PAGE

If you need a password for the 'Members Only' page of the website please contact NOSSA Enquiries

Email: [nossa.enquiries@gmail.com](mailto:nossa.enquiries@gmail.com)

or the editor [nossa.editor@gmail.com](mailto:nossa.editor@gmail.com)

#### FIELD TRIPS

If you want to find out further information about the next field trip and/or wish to be put on the field trip email list (so that you find out the location of the field trips once they are finalized), please contact Lisa on [nossa.fieldtrips@gmail.com](mailto:nossa.fieldtrips@gmail.com).



#### Next trip 24th September (Date changed)

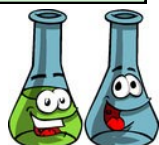
Do you know a suitable place to see orchids? Let Lisa know on the email above.

#### PROPAGATION DAY

Propagation day is held on the second Saturday and 4th Sunday of each month.

Contact John Agnew on

[nossa.seeds@gmail.com](mailto:nossa.seeds@gmail.com)



All members welcome.

**Remember to book in for the propagation workshops.**

#### GENERAL MEETING September 27th

To contact the secretary about the meeting,

Email [nossa.secretary@gmail.com](mailto:nossa.secretary@gmail.com)

7.30 pm start

Anita Marquart will be guest-speaker:

'How to breed the good insects to fight the bad ones.'

If you have orchids flowering, bring them along for all to share your joy. It can be surprising what you may learn about your plant when others see it.



#### ARTICLES FOR NEXT JOURNAL

Articles / Reports must reach the Editor **by Wed 5th October 2022**

to [nossa.editor@gmail.com](mailto:nossa.editor@gmail.com) to ensure a place in the October journal.

Thank you to all who send in things as they happen for the journal. ☺



#### COVID REMINDER

Any events staged by NOSSA need to follow guidelines for social distancing and complete wellness.





## **The Committee**

### **President**

Gordon Nines  
Email: [nossa.president@gmail.com](mailto:nossa.president@gmail.com)

### **Vice President**

Robert Lawrence

### **Secretary**

Lindy McCallum  
Email: [nossa.secretary@gmail.com](mailto:nossa.secretary@gmail.com)

### **Treasurer**

Ros Miller  
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### **Ordinary Committee Members**

Craig Humfrey      Rosalie Lawrence  
Tony Miller

### **Editor**

Marg Paech  
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### **Conservation Officers**

Thelma Bridle    Ph: 8557 6553  
Email: [nossa.conservation@gmail.com](mailto:nossa.conservation@gmail.com)

## **Other Positions**

### **Field Trips Coordinator –Lisa Incoll**

Email: [nossa.fieldtrips@gmail.com](mailto:nossa.fieldtrips@gmail.com)

### **Librarian**

Pauline Meyers

### **Show Marshall**

Craig Humfrey

### **Speaker Coordinator**

John Eaton

### **Trading Table - Craig Humfrey**

### **Tuber Bank Coordinator**

Les Nesbitt

### **Website Manager**

Rosalie Lawrence  
Email: [nossa.enquiries@gmail.com](mailto:nossa.enquiries@gmail.com)

The Native Orchid Society of South Australia promotes the conservation of orchids through preservation of natural habitat and cultivation. Except with the documented official representation of the management committee, no person may represent the Society on any matter. All native orchids are protected in the wild; their collection without written Government permit is illegal.

If you are collecting orchids it is a LEGAL REQUIREMENT: you MUST carry a paper copy of the permit, should you be asked to produce it. YOU also must be named as a collector on their permit.

## **Life Members**

Mr R Hargreaves†	Mr L Nesbitt	Mrs C Houston
Mr H Goldsack†	Mr G Carne	Mr D Hirst
Mr R Robjohns†	Mr R Bates	Mrs T Bridle
Mr J Simmons†	Mr R Shootert†	Mr John Eaton
Mr D Wells†	Mr W Dear	

## **Patron: Mr L. Nesbitt**

The Native Orchid Society of South Australia, while taking all due care, takes no responsibility for loss or damage to any plants whether at shows, meetings or exhibits. Views or opinions expressed by authors of articles within this Journal do not necessarily reflect the views or opinions of the management committee. We condone reprints of any article with full acknowledgment.



## **PRIVATE FACEBOOK PAGE**

This is open to any of our NOSSA paid-up members but not your non NOSSA friends. It is a place for discussing orchid issues and photos, and allows for more detail than we would share openly for the general public. Email: [nossa.enquiries@gmail.com](mailto:nossa.enquiries@gmail.com) to join.



## **BANKING DETAILS**

BSB 105 011,  
Account no 073 181 741

Add your name and NOSSA Membership number for correct allocation of funds, particularly when paying membership.

Just \$20 for  
12 month's membership



## **INFORMATION AND MAKING CONTACT**

All contact details including who to contact in our NOSSA team are in the panel on the left. If you don't know who to direct your enquiry to, send it to the Secretary who will re-direct it if necessary.



## **MOBILE PHONE**

**0439 214 106**

Leave a message  
and someone will  
return your call.

## **MAILING ADDRESS**

PO Box 14  
KENSINGTON PARK SA 5068

## **WEBSITE:**

[NOSSA.org.au](http://NOSSA.org.au)



## More photos from the field trip

*Corunastylis pods*



Lisa Incoll



Lisa Incoll



Rosalie Lawrence

*Diplodinium erythroconchum*

Lisa Incoll



*Arachnorchis stellata*— red labellum



Lindsay Ames



Lindsay Ames

*Arachnorchis stellata*— yellow

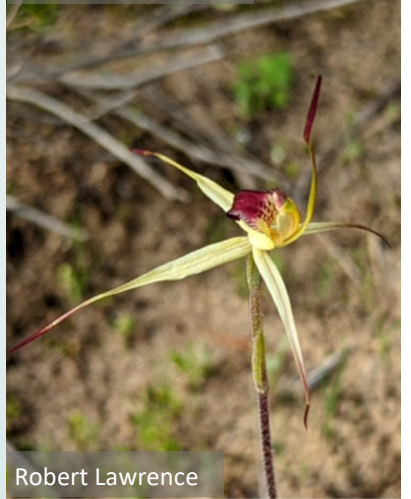


Lindsay Ames



Lisa Incoll

*Arachnorchis stellata*



Robert Lawrence

*Arachnorchis* hybrid



Robert Lawrence

Hybrid



Robert Lawrence

(Sterile) *Bunochilus*



Rosalie Lawrence



Robert Lawrence



Count the bodies! Anna Nankivell

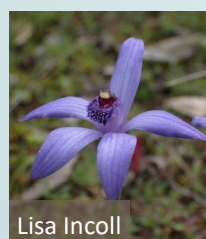
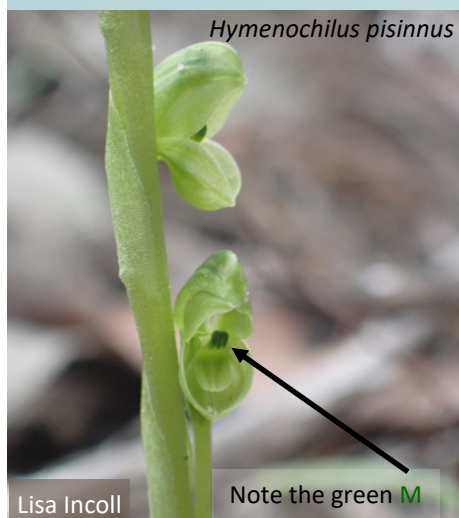


Leo Davis



## Species List for Monarto/Ferries McDonald 27 August 2022

Botanical Name	Common Name	Growth Stage	
<i>Acianthus pusillus</i>	Mosquito	flowers finished	MCP
<i>Bunchilus prasinus</i>	Limestone greenhood	flowers	FMD & FMDW
<i>Caladenia (Jonesiopsis) capillata</i>	White wispy spider	flowers	MCP & FMD, FMDW
<i>Caladenia campestris</i>	Plains spider	buds, leaves	MCP & FMDW
<i>Caladenia cardiochila</i>	Heart-lip spider	flowers	MCP
<i>Caladenia stellata</i> (C. sp. Mallee Murray)	Starry spider	buds, leaves flowers	MCP FMCDW
<i>Caladenia stricta</i>	Upright spider	buds, leaves	MCP & FMDW
<i>Caladenia verrucosa</i>	Little mallee spider	buds, leaves	MCP
<i>Corunastylis fuscoviridis</i>	Mallee midge	Pods	MCP
<i>Cyrtostylis robusta</i>	Robust gnat	Flowers, finishing	MCP & FMDW
<i>Diplodium robustum</i>	Large shell	Finished flowers	FMDW
<i>Diplodium dolicochilum</i>	Mallee shell	Flowers, finishing	MCP
<i>Diplodium erythroconchum</i>	Red shell	flowers	MCP
<i>Diuris palustris</i>	Little donkey	flowers	MCP & FMDW
<i>Eriochilus collinus</i>	Parson's bands	leaves	MCP & FMDW
<i>Hymenochilus calcicolus</i>	Swan midget	flowers	MCP
<i>Hymenochilus pisinnus</i>	Slender midget	flowers, leaves	MCP & FMD
<i>Linguella</i> sp. midget mallee		flowers	MCP
<i>Linguella tenuis</i>	Mallee dwarf snail	flowers, fruit, leaves	MCP
<i>Linguella tenuis</i> x midget mallee		flowers	MCP
<i>Microtis</i> sp.	Onion	leaves	MCP & FMDW
<i>Oligochaetochilus</i> sp.	Rufus Hood	buds	MCP
<i>Pheladenia deformis</i>	Bluebeard	flowers	MCP, FMD, FMDW
<i>P. deformis</i> x <i>C. capillata</i>	Hybrid	flower	FMD
<i>Plumatichilos multisignatus</i>	Mallee Bearded greenhood	buds, leaves	MCP & FMDW
<i>Prasophyllum elatum</i>	Tall leek	leaves	MCP
<i>Pyrorchis nigricans</i>	Fire	leaves	MCP & FMDW
<i>Thelymitra alcockiae</i> (possibly)	Alcock's sun	buds, leaves	FMDW
<i>Thelymitra antennifera</i>	Lemon sun	buds, leaves	MCP & FMDW
<i>Urochilus sanguineus</i>	Blood greenhood	Flowers, finished flowers, pods	MCP

**Legend:****MCP** = Monarto Conservation Park**FMD** = Ferries McDonald Conservation Park (car park area – eastern end)**FMDW**=Ferries McDonald Conservation Park (West)



# Members' Update

## Neville Boney Book Signing— '*From One Small Seed a Forest is Born*'

**PROVENANCE NURSERY** 40 SANDY CRESCENT, Salisbury Park South Australia 5109 **SATURDAY 24TH SEPTEMBER**

'*From One Small Seed a Forest is Born*' is a comprehensive guide to Australian native plants and their seeds. Over 700 species from 63 families and 240 genera are described with their identifying features of flowers, fruits and seeds illustrated. Each species description is accompanied by a distribution map and information about pollinators, seed dispersal, seed collection, propagation, ecology and Aboriginal names and uses.

Species information is supported by introductory chapters on our changing landscapes and related topics.

Lavishly illustrated with photos from the field, '*From One Small Seed....*' is the ideal companion for anyone engaged in the restoration of ecosystems and landscapes in southern and central Australia as well as for plant enthusiasts.

Neville Bonney is a pioneer in the promotion of Australian native plants and has spent a lifetime educating people about the importance and conservation value of what he describes as our National Estate.

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### For sale now.

Great gift for an orchid-lover, grandchild (develop a love of orchids in the young), great to have on display in your home, conversation starter.

**Only \$20**

To purchase,  
Email: [nossa.enquiries@gmail.com](mailto:nossa.enquiries@gmail.com)

## Guest Speakers

On **27th September** Anita Marquart will be speaking about how to breed the good insects to fight the bad ones.

At the **25th October** meeting, Steve Howard will update us on his growing, field observations and photography.

**November 22nd** is a member's night where you can give a 10 - 15 minute presentation. See John Eaton at the next meeting to book your spot, or give him a call.

Get in touch with Gordon Ninnes Ph. 0407 603 083  
or Lindy email: [nossa.secretary@gmail.com](mailto:nossa.secretary@gmail.com)  
to offer your help

# NOSSA

**Native Orchid Society of South Australia**

## SPRING SHOW

**September 2022**

**Saturday 17th 10:00am - 4:00pm**  
**Sunday 18th 10:00am - 3:00pm**

**Uniting Church Hall**  
**cnr Township Rd & Church Cres Marion**

**Native Orchids for display & sale, DVDs, Books  
& Advice on identification, growing & conservation**

**GOLD COIN DONATION**

[www.nossa.org.au](http://www.nossa.org.au), 0439214106 [nossa.secretary@gmail.com](mailto:nossa.secretary@gmail.com)

## New Members

The following people have joined NOSSA since last month's journal.

Dannielle O'Conner of Oakden

Billy-Jo Brewer of Lobethal

Maisie Brown of Eden Hills

Kaye Fitton of Hallett Cove

Jessica Sambell of Edenhope, Victoria

We look forward eagerly to what you might or currently are bringing to our society and sincerely hope that you will find membership of NOSSA a rich and rewarding experience, finding new friends with common interests.





## A treasure at OAKDEN? Survey Results and Feedback

The results from the survey and the Special Meeting vote gave a resounding 'Yes' to the recommendation of the committee to commit up to \$18,000 to the Les Nesbitt Orchid Propagation Facility for the 2022/23 year.

The committee was genuinely pleased with the many responses to the survey where views ranged from 'little chance' to 'the facility would contribute substantially to conservation' through to 'This initiative was incredibly far sighted and important'. The committee is planning to incorporate as many ideas as we can into the processes of the facility. Without naming people, we hope you can recognise your idea and follow through how we are progressing with it, bearing in mind that we can't do everything at once. There are a couple of people we are keen to follow up about offers/suggestions, seeking more information. Thank you all, for your responses in the survey.

Bearing in mind that last year was the set-up year and this year is the first year of operation we hope to have developed a substantial business plan to present to the members next year, which will include an option to 'call it quits', seeking instead to disperse and see what we have learnt from the trial. We understand that we can not just keep drawing on NOSSA funds and fully intend that the facility is income producing and on the "long path to self-sufficiency". We also understand that the world is full of good intentions, so we plan to present our plans each year to the AGM. This will possibly include doing surveys and seeking member discussion and approval.

We have learnt through the process of seeking permission to spend more on the facility that we may need to alter the website to be clear on what the aims of NOSSA are. This will be done in due course.

Some commented that **starting a small businesses is risky** but there is a need to move forward in small steps to get it right. Getting markets was another point which we have been attempting to set up but COVID19 caused the withdrawal of some events. We are pleased to say that we are now selling to State Flora which is exciting, and we have had interest from a significant buyer who would take larger quantities of plants. Our own NOSSA show is September 17/18<sup>th</sup> so we hope to make many sales at this event.

**There was a lack of interest in growing the epiphytes.** We grow epiphytes as there is a larger market for these and the profits of these sales help offset the costs of growing the terrestrials for small buyers and rewilding markets. We are also exploring different plant presentation ideas: beginner's kits, cards, and the 22/23 calendar are now available. There may be a future where we grow only terrestrials and cover all costs – now wouldn't that be nice? Importantly we may not only rewild, but be able to produce orchids into the future that are not able to cope with climate changes that are occurring the wild, thus preventing the extinction of some orchids. **'The orchids won't benefit from having monies left in a bank account,'** one respondent wrote! This has been further enhanced by the discovery that our 'Not-for-profit' status can be removed if we are perceived to be accumulating money and not using our funds for our stated 'purpose/s'.

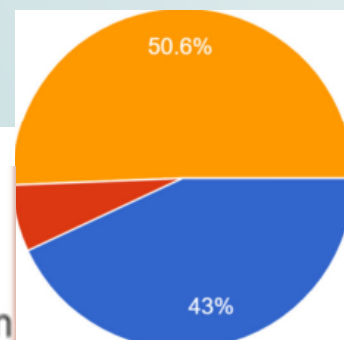
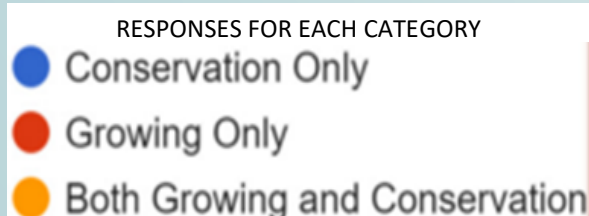
**Having 'district' reports of "orchid action across the state"** was another suggestion received. We are working our way through this idea so watch for future reports.

We also need to reassure members that **we are pursuing grants and leads for a facility with lower rent**. Feel free to pass on any leads or grants that you are aware of. We are happy to follow them up. We are also working on our social media and new ways to engage our members at Oakden to maximize its use. We have also been chasing up the possibility of gaining charity status, but this is a slow road with a few 'potholes' that needs further assessing.

**The possible income from individuals using the facility for their own purposes** was another question posed. We have a draft cost for some of the activities available at Oakden now, so we are able to schedule 'private use' time. It is difficult to know how much of this will occur, but it is a real income possibility. We are also in the process of designing and running aseptic technique courses for schools and rewilding courses for adults, possibly via the WEA. If you have an interest in helping us develop these programs, please let us know of your availability/interest. This leads us to another suggestion – that **we ask members for specific skills to assist us develop the processes needed for the viability of the facility**. We plan to call for assistance for short-term projects – such as the issues around having a donation button on the website and setting up and managing our sales - soon.

Hope you enjoyed reading the summary of suggestions and ideas as much as we enjoyed putting it together, and that you can consider some of the calls for assistance as they occur.

Written by Lindy Mc Callum on behalf of





# Help save the *Caladenia argocalla*

## VOLUNTEERS NEEDED

**WHERE:** Clare Valley

**WHEN:** Saturday 1<sup>st</sup> October

**WHAT:** Threatened Plant Action Group (TPAG) – Orchid monitoring

**DETAILS:** A monitoring day is planned for the site of a large population of the nationally endangered White Beauty Spider-orchid (*Caladenia argocalla*). Volunteers are being sought to help locate and count flowering plants, to gauge the effectiveness of our management activities at the site. This activity is part of a Friends of Parks Partnership project in collaboration with Sevenhill Cellars.

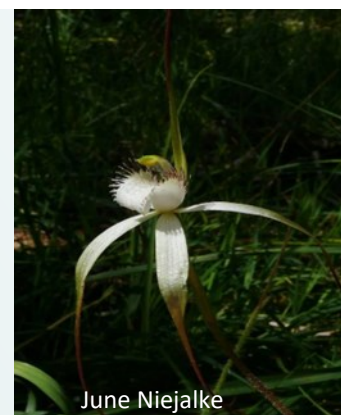
**TIME: 9:30 – early afternoon** (The monitoring session should be completed by lunch time, or soon after.) Volunteers travelling from Adelaide will need to allow 1.5 – 2 hrs each way for travel.

**WHAT TO BRING:** Sturdy boots, raincoat, sunblock, water, snacks, tea / coffee, lunch (optional). Lunch will not be provided but food can be purchased nearby.

**NOTE:** To avoid or minimise inadvertent trampling of this threatened species and its habitat, the number of volunteers will be limited.

If you'd like to join us, contact Doug for more details at [dugalugs29@gmail.com](mailto:dugalugs29@gmail.com). 0455 518 410

PLEASE INDICATE IF YOU: Need a lift (i.e. car-pool); Can bring your own car / transport other volunteers; Have any medical conditions that should be considered.



June Niejalke

Invitation to attend the  
**Annual General Meeting**  
of  
The Australian Orchid  
Foundation



Guest Speaker:

**Phil Spence**

Author of a new book on  
Dendrobium section Latourea  
ZOOM link available

Date: **Saturday, 22nd October 2022**

Time: 2pm for AGM followed by Phil's presentation

Please email: [AOF@AUSTRALIANORCHIDFOUNDATION.ORG.AU](mailto:AOF@AUSTRALIANORCHIDFOUNDATION.ORG.AU) for the ZOOM link to the meeting



### A bit about the Guest Speaker, Phil Spence

It is impossible to summarize Phil Spence's lifetime with orchids into a few words. He is an authority on the orchids of PNG; he has been a major producer of new orchid hybrids, especially Dendrobium; he is an Honorary Research Associate of the Herbarium of the Royal Botanic Garden Sydney; he was the recipient of the AOF Award of Honour in 2013. In addition, he has lectured around the world and has just completed a new book on Dendrobium section Latourea which will be released shortly.



Phil will speak about his Latourea book which is being published by the American Orchid Society and sponsored by the Australian Orchid Foundation. Phil will introduce the book to us, its contents including some species which are new to science and give us some background information on its writing and production.

### His topic: Dendrobium Sect. Latourea

Phil will speak about his Latourea book which is being published by the American Orchid Society and sponsored by the Australian Orchid Foundation. Phil will introduce the book to us, its contents including some species which are new to science and give us some background information on its writing and production.

If you are travelling, you may like to attend in person....

Venue: City of Whitehorse Horticultural Centre 82 Jolimont Road, Forest Hill Vic. 3131

Attendance at this meeting will also be possible by Zoom link—see above.

Afternoon tea provided, Plant sales and book sales