

NOSSA

Native Orchid Society of South Australia

**Orchids saved from
destruction in SE**

**Experiences of an
orchid monitor**

**Oakden - a mass of
spring colour**

**Bugs Day out at
Para Wirra**

**Dr Anita Marquart
speaks on bugs**

**In search of orchids
of the north**



JOURNAL

**OCTOBER
2022**

Volume 46 No.9

Orchids saved from destruction in SE

Thelma Bridle

Dipodium spp. are summer flowering species which grow in proximity to mature eucalypt trees. Eucalypts depend on mycorrhizal relationships with one or more underground fungi. The mycorrhiza extend well beyond the tree root system, to obtain sufficient water and trace elements to facilitate the photosynthesis of carbohydrate in the leaves. Most of the carbohydrate is stored in the branches and trunk with a small portion providing an energy source for the fungus. The leafless *Dipodium* spp. are unable to photosynthesise and so absorb fungal cells into their underground storage tuber to parasitically gain access to the carbohydrate they require prior to the fungus obtaining its share. Thus survival of the orchids depend on the health of both the eucalypt and its fungal partner. Flowering numbers of *Dipodium* spp. vary annually according to soil moisture levels, with dry seasons leading to a reduction in flowering of the orchid.

In June 2022 NOSSA was contacted by a Naracoorte resident concerned about a major development under consideration by the Naracoorte and Lucindale Council. The proposed site was the North Naracoorte Parklands, which surround the local golf course. A number of *Dipodium campanulatum* had been recorded both on the golf course and in the surrounding bushland.

A few NOSSA members had conducted a full search on *Dipodium* spp. in the Naracoorte area in 2018 for DEW SE. In the N. Naracoorte parklands *D. campanulatum*, *D. punctatum* and *D. roseum* had been recorded and June Niejalke had mapped results.

NOSSA sent a letter and the map to the Council explaining that *D. campanulatum* is listed under the Environmental Protection and Biodiversity Conservation Act 1999 (EPBC Act) as Nationally Endangered and would require their approval before any development could be undertaken. *D. punctatum* is listed under the SA NPWS Act as Endangered.

The final decision of the Council has been to reject the proposal due to local resident concerns and submissions by both NOSSA and the Red-tailed Black Cockatoo Recovery Program.

Local residents now hope the pines can be removed and replaced with native trees.

Thelma Bridle is the NOSSA Threatened Species Conservation Officer. This report illustrates the importance of her work—a win for the orchids, some of which are only found in a few places in the SE of this state, and endangered Australia-wide.



Dipodium punctatum above,
D. roseum below. Photos: Bob Bates



And a senseless loss to an orchid population.....

Now you see them - now you don't

Peter Watts

Bitterly disappointed and frustrated to find that someone has removed orchids, by digging up, out of private property at Rockleigh. Leo measured one at 44.2 cm from base to top of bud – beautiful plant – GONE!!!!

Just letting them know that we know.

Orchid naming policy in this journal

Marg Paech

Considering the state of orchid taxonomy, in general June Niejalke's book will be used for naming orchids in our journal in the future. There will be exceptions - the naming of orchids is a very complex area. The growers use different names at times, so there will be one of our exceptions! I hope we will all get used to this!!!

Front cover photo - *Caladenia behrii* Photo: Lindsay Ames

Just one of the many spider orchids (and insects) seen on the last field trip to Parra Wirra at the end of September. *C. behrii* is endemic to SA, restricted and extremely rare, growing to a height of 65 cm. One or two but seldom three flowers are borne on a slender hairy stem. It has a distinctive burnt spicy odour. Thynnid wasps pollinate *C. behrii* flowers. Notice the insect sheltering in the curl of the labellum. For more photos from the trip see the report on p. 100.

Experiences of an Orchid monitor

Leo Davis



C. colorata. Mowantjie Willauwar C.P.

Leo Davis

I first stumbled upon a single specimen of the 'Endangered; Very Rare in SA' *Caladenia colorata*, (Colourful spider orchid) at Sherlock, back in September 18, 2012 and had no idea what it was. I saw it flower again in 2014 and then only in bud (I was always there too early) in most years since, up to and including this. I caged the plant some years back. Of course a photographer(s) found it and I have had to reposition and re-peg the cage a number of times.

Otherwise, I had only observed the species at Hartley, where large populations exist, on private properties. In 2017 I joined Kylie Moritz (then at DEWNR, Mt Barker office) in conducting a census of the species on a private property at Hartley. We counted several hundreds, on just that property, from dim memory.

Over many years, reports came my way of tiny occurrences in Monarto and Ferries McDonald Conservation Parks, but I have been unable to locate them.

This year I have been pleased to find or hear of tiny numbers of plants at new locations. On September 16 this year I joined Lillian and Cindy assisting Tim Reynolds carrying out a survey of *Oligochaetochilus* (*Pterostylis* to you perhaps) *arenicola* (Sand hill rustyhood) at Mowantjie Willauwar C.P.



Paraprasophyllum constrictum.
Poonthie Ruwe CP.

Leo Davis

When the others headed off around 5:30, I chose to hang around to kill time till the sun set, so as not to have to squint my way home to Adelaide. Unexpectedly I stumbled upon a single *C. colorata* accompanied by single specimens of *C. stricta* and *C. verrucosa*; spiders were few and far between. This is the first officially recorded occurrence of the species in the Park. Modern cameras perform miracles beyond my comprehension and the accompanying photo was taken, hand held, using natural light, after sunset.

On September 22 I met up with Clive and Claire Chesson at Talbot Reserve, in Rockleigh. They were carrying out a general plant survey, part of a huge ongoing project on which they have worked for years. Clive had alerted me to them having located one specimen of *C. colorata*. During the day both Claire and Clive each found one more, so the population is three or perhaps a little more. We saw putative buds. All that said, I have a suspicion that one of the three plants may indeed be the rare endemic *C. diversiflora* (Rockleigh spider orchid). As with *C. diversiflora*, its sepal clubs (osmophores) are different to and shorter, by far, than those of *C. colorata* and the clubs on petals are dissimilar to those on sepals.



C. sp. Talbot Reserve, Rockleigh

Leo Davis



C. diversiflora. Rockleigh

L.Davis

Back on September 5, I had arranged to meet Nicola Barnes and Kate Graham (from Landscape SA), at Poonthie Ruwe CP. They are doing valuable research work on the impact of sheep grazing versus slashing on managing grasslands. I was accompanied by Clive and Claire Chesson and Helen McKerral and we were keen to observe (and me to measure) specimens of the uncommon *Paraprasophyllum* (note the Jones/Niejalke genus) *occidentale* (Plains leek orchid). A trivial aside is that I discovered several plants (see photo) that were very likely the extremely rare *P. constrictum* (Mallee leek orchid) which may just be a variety of *P. occidentale*. (see p348 of Niejalke's book). We saw no sign of spider orchids. On September 26 I received an image from Kate, of a spider that Nicola had just discovered, at Poonthie Ruwe. Clearly it was *C. colorata* and it is a new species to add to the list of plants in that Park.

Good day for bugs at Para Wirra

Lindsay Ames

After what seems a very long winter in Adelaide and a cancelled trip to a Flinders Ranges Outback Station because the road was washed out, I ended up on the September Field Trip at Springton Rd and Para Wirra on a perfect Spring day. A couple of others seemed to want to make the day a little more challenging by getting themselves bogged on the side of a very wet Springton Rd. No matter. A bit of pushing and shoving and a tow rope got them out relatively easily.

Fortunately the *Diuris behrii* (Golden Cowslip Orchid) were on the other side of the road, and just coming into flower. Some that were partially open provided the ideal spot for a couple of native bees to have a snooze in the sunshine! Lots of other yellow wildflowers about, just to confuse us humans. It was a beautiful little meadow of wildflowers. We also managed to find a couple of *Diuris behrii* x *pardina* in flower, a stunning little hybrid. A small number of *Thelymitra* leaves with flower stems, *Caladenia* (*Arachnorchis*) *tentaculata*, and *Microtis* sp. were in the mix in the long grass.

We next headed off to Para Wirra Conservation Park only to find that there had been a motorcycle accident on the corner of Humbug Scrub Rd and Bassnet Rd. Probably about 30 bikers were there, two ambulances and a couple of police cars. I can only assume someone was too busy looking at orchids on the side of the road and missed the corner!

Anyway, we headed west to Gate 4 where we parked and spent a bit of time photographing *Diuris orientis* (Wallflower Donkey Orchid) & *D. pardina* (Leopard Orchid), *Caladenia reticulata* (Veined Sider Orchid), and *Glossodia major* (Wax-lip or Purple Cockatoos). It was a convenient place to sit and have lunch while we waited for the bikers and emergency vehicles to move on.

Just how many 'pollinators' does one flower need? There are three in here!



Janet Harris



Lisa Incoll

Lisa Incoll



Lindsay Ames



Lindsay Ames



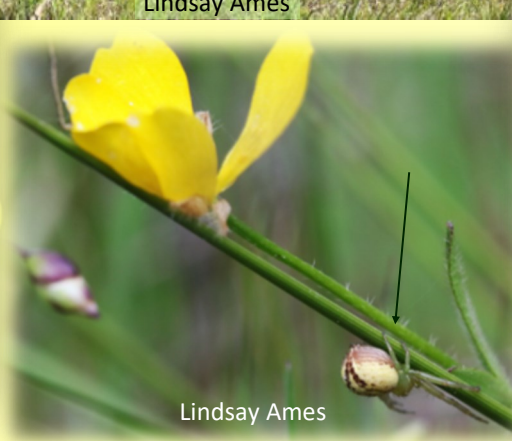
Lindsay Ames



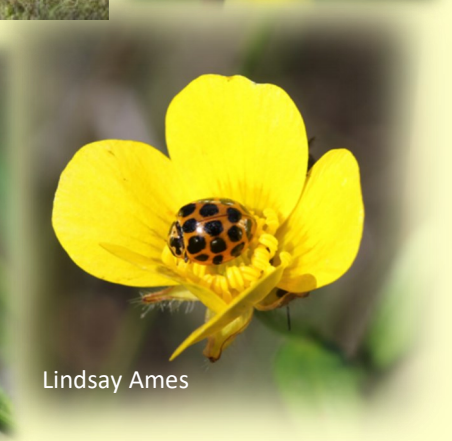
Lindsay Ames



Lindsay Ames



Lindsay Ames



Lindsay Ames

A short drive back to Gate 5 and Bassnet Rd corner after lunch and we were treated to a lovely showing of spider orchids, pink fingers, yellow sun orchids, grandiflora stems, plumed greenhoods and lots more still to come.

The main targets were the *Caladenia behrii* (Lofty Ranges Spider Orchid), *Caladenia rigida* (Stiff White Spider Orchid), *Caladenia tentaculata* (King Mantis Spider Orchid) and *Caladenia leptochila* (Narrow Lipped Spider Orchid). We also managed to spot a single, quite different spider orchid on the side of the track that had us scratching our heads. We now believe this shortish, green-comb spider orchid was in fact *Caladenia verrucosa* (Little Mallee Spider Orchid), possibly a hybrid type as red-blotches on the green combs and tiny clubs on the petals would suggest some hybridisation.

The *Caladenia behrii* were flowering beautifully and they are truly an elegant spider orchid with their long drooping tepals and their creamy-white colours. There are many variations in colourings and they are known to hybridise with *Caladenia rigida* which were also nearby. Some keen eyes also spotted a patch of *Caladenia carnea* (Pink Fingers - although these were white). The sun was out and so too were the *Thelymitra antennifera* (Rabbit Ears Sun Orchid), *Thelymitra rubra* (Salmon Pink Sun Orchid) were about to burst and several other sun orchid leaves and buds were seen. There should also be a good showing of *Thelymitra grandiflora* (Giant Sun Orchid) with several healthy flower stems and buds observed. One in particular already had at least fifteen flower buds and would have been 90cm tall.

Plenty of *Plumatichilos extensus* (Woodland Plumed Greenhood) were flowering and made for some nice photos with the bright sunshine filtering through the semi-transparent green hood.

It is always tempting to go back and pay another visit to these wonderful sites. There is always a better angle to take a photo, more close-ups, take more notice of leaves and where different orchids prefer to grow, associations with other plants etc., etc. So much to learn! I am sure everyone enjoyed themselves. Thanks again Lisa for organising the trip.

Footnote: I have tried to name all orchids according to June Niejalke's book, 'Native Orchids of South Australia, A Field Guide'. I can highly recommend June's fabulous new field guide. *Lindsay* [More photos and Species List on page 108a,b.]



The Good, the Bad and

John Eaton

Members were treated to a most interesting talk at our last meeting on September 27th. Dr. Anita Marquart is an entomologist working with Biological Services, based in Loxton and Adelaide. It was Anita's second talk to NOSSA.

Anita's academic background includes Bachelor and Masters degrees in Biology from at the University of Jena, in Germany - majoring in Entomology, Ecology and Genetics. After graduating, Anita worked as a researcher in Applied Entomology at the *Institute of Agricultural Sciences* at the ETH (Swiss Federal Institute of Technology) Zurich in Switzerland - one of the world's most prestigious universities in *Science and Technology*, (producing Albert Einstein) and is currently ranked No. 1 in the World Tertiary rankings in the Biological Sciences. It's there that Anita researched the behaviour of parasitic wasps – which include some of the “good bugs” that fight the ‘bad’ bugs and provide us with a more environmentally-friendly way of controlling the bad bugs. In 2013, Anita moved to Australia to obtain a PhD in Ecology/Entomology at the University of Adelaide, studying *fire and native orchid pollinators*. Since 2018 - Anita's been working with [Biological Services](#) - specialising in the use of *beneficial insects* as an environmentally-friendly alternative to *insecticide use*.



Dr Anita Marquart in full flight. John Eaton

In the same way that overuse of antibiotics such as penicillin have led to their reduced effectiveness in fighting infection, overuse of pesticides by growers has led to major pests such as mites, aphids, whiteflies and thrips building resistance to pesticides. Biological control through Integrated Pest Management (IPM) programs are now seen as more effective ways of controlling pests and increasing yields by –

reducing the reliance on pesticides

allowing the soil time to reduce the accumulation of insecticide residues from many years of over-use.

with obvious benefits to the environment and to human health.

Biological controls for pests, the ‘Bad bugs’ covered by Anita in her talk are summarised in the following table – which those members who are growers or gardeners (or both) may find useful:- Support from Biological Services and additional information can be found at the above live link or by clicking on this link or by pasting the link into your browser: <https://www.biologicalservices.com.au/>. Go to the NOSSA website to access most of the tables.

While biological controls are a better alternative than insecticides, the most effective action gardeners can take to ensure healthy plants is monitoring – Anita used the term ‘**Pest scouting**’.

Pest scouting should be done regularly and consistently. Tools to assist with effective pest scouting should include: a magnifying lens, brightly coloured marker tape, a link on your phone to [Biological Services web pages](#) to help with ID (it has lots of pest pictures), a plastic specimen container to catch insects that look suspicious and a notepad to record such observations as location of infestations, the date and time, temperature and humidity, rainfall etc..

Pests	Good bugs used in IPM	Benefits, advantages of “Good bugs”	Other IPM-friendly Treatments
Caterpillars	<i>Nesidiocoris</i>	Feeds on moth eggs, young caterpillars and thrips.	Inspect your plants regularly; pest scouting
Slugs & snails			Inspect your plants regularly; pest scouting
Mealybugs	<i>Coccinella transversalis</i> <i>Lindorus lophanthae</i>	<i>Coccinella transversalis</i> common ladybird <i>Lindorus lophanthae</i> is a species of ladybird native to Qld and SA.	Inspect your plants regularly; pest scouting
Scale insects	<i>Aphytis melinus</i>	Aphytis: tiny yellow wasps capable of short flights - within a tree, or one tree to the next. Impacted by dust - sheltered by well foliated trees. Spread slowly over longer distances. Adult wasps are only about 1 mm in size, just large enough to develop underneath a red scale insect. Aphytis is a parasitoid of armoured scale insects, incl. red scale (<i>Aonidiella aurantii</i>), oriental scale (<i>Aonidiella orientalis</i>), oleander scale (<i>Aspidiotus nerii</i>).	Inspect your plants regularly; pest scouting

What's happening at Oakden?

Les Nesbitt

There are lots of orchids in flower at Oakden. I have picked the first pods for this year for the seed to be flaked in good time. The *Diuris behrii* are in full bloom and plants in flower were offered for sale at the NOSSA show recently. A few flowers have been pollinated. The large *speciosums* in the shadehouse are putting on a fine show at present. A sight like this will probably not be seen again at Oakden. Until this year these plants were in my shadehouse in the hills where I was lucky to get 1 spike from every 10 plants. They have responded to more light and warmth.

Lillian Camphausen

On Sunday 25th we removed the new tubers from the *Diuris behrii* (which were rescue plants from Kanmantoo originally). Then the plant with the old tuber was put back in its pot. The idea is to get the plant to form more new tubers before it dies back in summer. The new tubers that we twisted off are also potted and will hopefully grow into new plants next year. Usually each plant produces only one new tubers a season. Occasionally we found clones which had two new tubers.



Lillian Camphausen



Les Nesbitt



Les Nesbitt



Lillian Camphausen



Lillian Camphausen

The three photos on the right hardly do justice to the magnificent display of *Dendrobium speciosum*.

Meeting Orchids

PLANT OF THE NIGHT

D. striolatum is the yellow flowered form from Tasmania. The plant sits in my shadehouse with the *Sarcochilus* and other orchids.

It gets the same water and fertilizer as the other orchids. Under 50% shadecloth and 75% in summer.

Les



Les Nesbitt

Les Nesbit

All section winners entered by Les Nesbitt.

Epiphytic Species: *Dendrobium striolatum*

Epiphytic Hybrid: *D.* [Bellinger Valley x (Peewee x Graham Hewitt)] x *speciosum*

Terrestrial Species: *Diuris punctata*

Terrestrial Hybrid: *Pterostylis* x *ingens*



Chiloglottis x *Prescottiana*

A Grower's Pride and Joy:



Pterostylis reniformis



Diuris pardina

Peter and Robyn

Watts emailed these photos of their beautiful orchids in bloom on 19th September saying that their orchids are flowering well this year.

Feel free to send in photos of your plants to share with other readers. Any experiences which may benefit other growers, especially new growers would be most welcome.

NOSSA Spring Show



Robert Lawrence

Popular vote winners



Les Nesbitt

The results of the popular vote for the display plants at the show were:

1st: *Caladenia tentaculata*.

2nd: *Dendrobium* [(Bellinger Valley x (Peewee x Graham Hewitt)] x *speciosum*

Both plants were exhibited by Les Nesbitt.

President, Gordon Ninnes, with the winner of the raffle holding her prize. (She won the raffle last year too!)

September's Winning Photo - CAT 2 *Lillian Camphausen*

'Umph. They ..are past [their] prime!' This was literally what I overheard others (humans! fellow NOSSA members) saying as we were all looking for the best subjects to take photos of during the last field trip.

And on the orchids' behalf, I was thinking, 'No, we're not!'

SEPTEMBER CAT 1 details

1. *Caladenia latifolia* x *rigida*—Robert Lawrence
2. *C. brumalis* x *latifolia* - Chris Davey
3. *Corysanthes diemenica* - Lindsay Ames
4. *Caladenia stellata* - Chris Davey
5. *Arachnorchis* sp. - Rosalie Lawrence



Out and about ...

Cindy took these photos of a *Pyrorchis nigricans* over a 3 week period at Onkeeta, Kuitpo.



Cindy Anderson

Caleana major in bud at Onkeeta on 25th Sept.

Send interesting finds to the Editor:
Email: nossa.editor@gmail.com

Marg Paech

Very large, thick patch of *Pyrorchis nigricans* at Mt Billy in recently burned area. Taken 22nd Sept.



Right: swarm of bees at Monarto

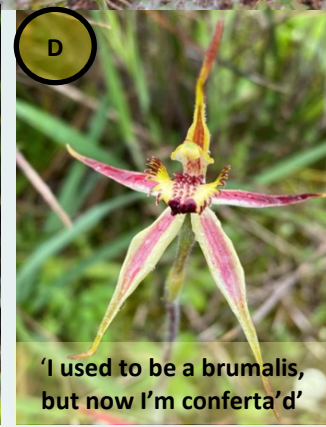
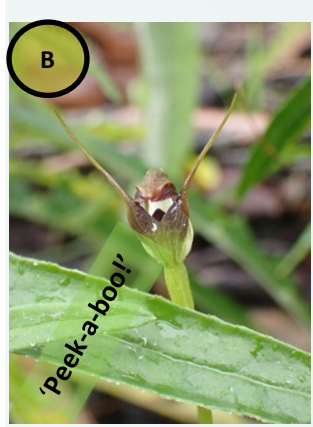
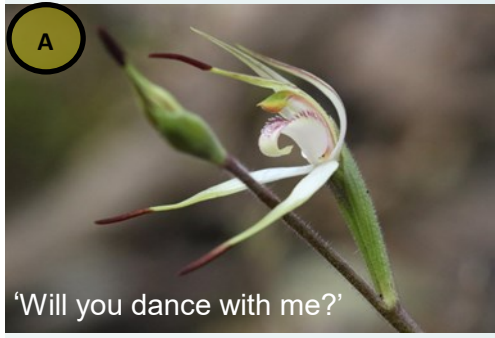
Lillian Camphausen



VOTING for these photos
Please send your vote for each category to the Editor .. **5pm Monday 24th Oct.**



- CAT 1 details**
1. *Pyrorchis nigricans*
 2. *Diuris orientis*
 3. *Caladenia cardiochila*
 4. *Microtis arenaria*
 5. *Diuris orientis*
 6. *C. leptochila*
 7. *Glossodia major*



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
Oct	
11	Committee Meeting All welcome
22	Aust Orchid Foundation AGM
25	General Meeting
29	APS sale - Urrbrae High School Field Trip
Nov	
8	Committee Meeting
22	General Meeting
26	Field Trip
	*Committee meetings begin at 7.15 pm

Contents

TITLE / SUBJECT	AUTHOR	PAGE
Orchids saved from destruction	Thelma Bridle	98
Experiences of an orchid monitor	Leo Davis	99
Good day for bugs at Parra Wirra	Lindsay Ames	100
The good, the bad and... BUGS	John Eaton	102
What's happening at Oakden	Les Nesbitt, Lillian C	103
Meeting Orchids	Les Nesbitt	104
A Grower's Pride and Joy	Peter and Robyn Watts	104
Winning Photo CAT 2	Lilian Camphausen	105
September Photo Competition entries		106
Bulletin Board		107
Information and CONTACTS Page		108
Field Trip Photos		108a,b
Field trip Species List	Lindsay Ames	108b
In Search of Orchids of the North	Adrian Uren	108c
Member Update		108d

'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

or the editor 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.



Next trip 29th October

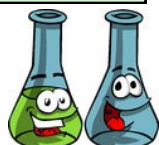
Do you know a suitable place to see orchids? Let Lisa know on the email above.

PROPAGATION DAY

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

Contact John Agnew on

nossa.seeds@gmail.com



All members welcome.

Remember to book in for the propagation workshops.

GENERAL MEETING October 25th

To contact the secretary about the meeting,

Email nossa.secretary@gmail.com

7.30 pm start

Guest Speaker: Steve Howard will share about his growing, field observations and photography.

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 2nd November 2022**

to 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

Vice President

Robert Lawrence

Secretary

Lindy McCallum
Email: nossa.secretary@gmail.com

Treasurer

Ros Miller
Email: nossa.treasurer@gmail.com

Ordinary Committee Members

Craig Humfrey Rosalie Lawrence
Tony Miller

Editor

Marg Paech
Email: nossa.editor@gmail.com

Conservation Officers

Thelma Bridle Ph: 8557 6553
Email: nossa.conservation@gmail.com

Other Positions

Field Trips Coordinator –Lisa Incoll

Email: 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

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 Simmonst	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 con-done 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 gen-eral public. Email: 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.



MAILING ADDRESS

PO Box 14
KENSINGTON PARK SA
5068

WEBSITE:

NOSSA.org.au

NATIVE ORCHID SOCIETY

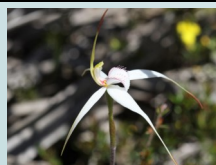


of SOUTH AUSTRALIA



Species List for Springton Road, Parra Wirra 24th September 2022

Botanical Name	Common Name	Growth Stage	
<i>Acianthus pusillus</i>	Mosquito	Pollinated	PW
<i>Bunochilus viriosus</i>	Tall greenhood	Pollinated	PW
<i>Caladenia behrii</i>	Pink lip spider	Flowers	PW
<i>Caladenia behrii</i> x <i>rigida</i>	Hybrid	Flowers	PW
<i>Caladenia carnea</i> (white)	Pink fingers	Flowers	PW
<i>Caladenia leptochila</i>	Narrow lip spider	Buds, Flowers	PW
<i>Caladenia reticulata</i>	Veined spider	Buds, Flowers	PW
<i>Caladenia rigida</i>	Rigid white spider	Flowers	PW
<i>Caladenia tentaculata</i>	King spider	Buds/Flower	SR/PW
<i>Caladenia verrucosa</i>	Little mallee spider	1 Flower	PW
<i>Coryanthes diemenica</i>	Veined Helmet	Leaves	SR/PW
<i>Cyrtostylis reniformis</i>	Small gnat	Flowers	PW
<i>Diuris behrii</i>	Golden cowslip	Buds, Flowers	SR
<i>Diuris orientis</i>	Wallflower donkey	Flowers	PW
<i>Diuris pardina</i>	Spotted donkey	Flowers	PW
<i>Diuris</i> sp. <i>behrii</i> x <i>pardina</i>	Hybrid	Flowers	PW
<i>Glossodia major</i>	Purple cockatoo	Flowers	PW
<i>Pterostylis nana</i>	Dwarf snail	Pollinated	PW
<i>Microtis</i> sp.	Onion	Buds	SR/PW
<i>Nemacianthus caudatus</i>	Mayfly	Flowers	PW
<i>Plumatochilus extensus</i>	Woodland plumed greenhood	Flowers	PW
<i>Pterostylis nutans</i>	Nodding greenhood	Flowers	PW
<i>Pterostylis pedunculata</i>	Maroonhood	Flowers	PW
<i>Thelymitra antennifera</i>	Lemon sun	Buds Buds/Flowers	SR PW
<i>Thelymitra grandiflora</i>	Giant sun	Buds	PW
<i>Thelymitra</i> ssp..	Various	Buds	SR/PW
<i>Urochilus sanguineus</i>	Blood greenhood	Pollinated	PW

Legend:**SR** Springton Road**PW** Para Wirra Conservation Park
(Mack Creek Boundary Track and Bassnet Road)

Lindsay Ames



Lindsay Ames



Lindsay Ames

*C. reticulata?* Lisa Incoll

In search of Orchids of the North

Adrian Uren

We have just returned from our weekend trip up north. Our first stop on the way was at Halbury to see if we could find the Halbury Rustyhood, *Oligochaetochilus lepidus*. After looking in several likely looking spots we were very pleased to find a patch of scrub with hundreds of flowering plants. Even though the understorey was almost entirely carpeted in Soursob (*Oxalis*) plants they seem to be able to compete quite well for remaining areas of bare earth.

Then we travelled to our main destination to explore the Southern Flinders Ranges area. We first visited the Wirrabara Range Conservation Park and we enjoyed the spectacular views from Bluff Lookout. I had a brief chat with one of the Park Rangers and he informed me that it had been a very dry winter with rains only in the last month or so. This had negatively affected the growth of the orchids in the area, he explained, and many of the species have not appeared this year so far. However further up near Bluff Lookout we did find several of the typical winter and early spring orchids including *Diuris palustris*, *Pheladenia deformis*, *Cyrtostylis reniformis* and *Urochilus sanguineus* and wondered if they would just be delayed this year.

However the following day we visited Alligator Gorge and were very pleased to see all the previous species (especially *Pheladenia deformis* in abundance) and several more including two of the spider orchids we were most hoping to see, the Flinders Ranges Spider Orchid, *Caladenia flindersica* and the Rancid Spider Orchid, *Caladenia saxatilis*.

Further north we climbed Devil's Peak where we found one solitary flowering orchid, the Crowded Midget Orchid, *Hymenochilus pagophilus* and a few *Oligochaetochilus* rosettes. It was a very enjoyable weekend and we hope to return another time to explore some more areas more thoroughly!

Oligochaetochilus lepidus



Adrian Uren



L. Caladenia flindersica
R x3: C. saxatilis Adrian Uren



C. saxatilis Adrian Uren



Amy, George and Adrian on top of Devil's Peak.

[NATIVE ORCHIDS of SOUTH AUSTRALIA – a field guide – NOSSA](#)

Native Orchids
of South Australia
a Field Guide

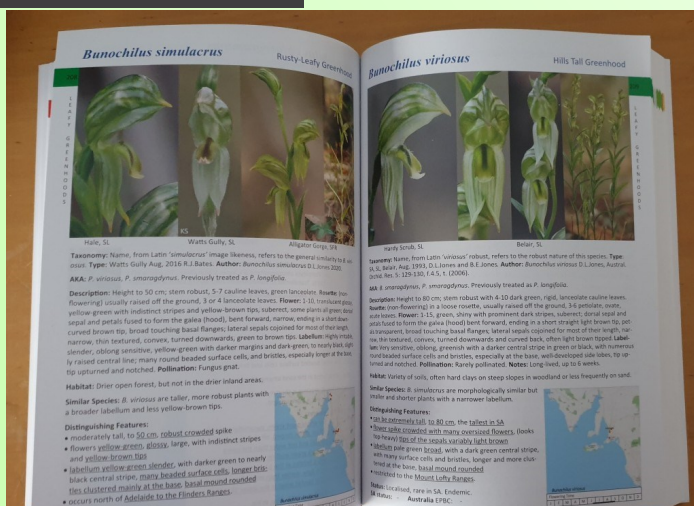


Click on the link in the box above to order June's book. It would make a lovely Christmas gift for the orchid lover.

It has been well-received by those who have bought it and are using it.

There are features which make it easy to use especially when attempting to identify orchids.

Special price for members.



Typical of the layout and information on each orchid.

Members' Update



THE AUSTRALIAN PLANTS SOCIETY'S

Spring 2022

**AUSTRALIAN
NATIVE PLANTS
SALE**

One day only >>> **SATURDAY** <<< One day only
29th October
10 am to 4 pm

>>> **URRBRAE AGRICULTURAL** <<<
New Venue >>> **HIGH SCHOOL** <<<
follow the signs from Fullarton Road
Entrance - Gate A

Gold Coin Donation Appreciated
Save Water with Australian Native Plants
Largest Range - All Grown in SA
Books - Free Soil pH Testing - Advice

Check the website - www.australianplantssa.asn.au
or Facebook - www.facebook.com/AustPlantsSA

INVITATION: Aust Native Plants Sale 2022

Angus Stewart-Jones
24 Mirrabooka Crescent
Hallett Cove SA 5158
M 0400 803 962

E convenor@australianplantssa.asn.au

On Saturday 29 October 2022 (10am-4pm) the Australian Plant Society (SA Region) Inc will conduct its Spring Plant Sale in the grounds of the Urrbrae Agricultural High School/ TAFE SA Urrbrae campus 505 Fullarton Road Netherby.

Some growers will be located inside a large farm machinery shed while invited groups and remaining growers will be outside on a bitumen apron to the west of the machinery shed. We would appreciate your participation with us. By having a site at our Plant Sale, you will have the opportunity to promote your group or business to like-minded customers. You may wish to have a static display, demonstrations and/or sales.

Set up - will be from 8am on Saturday 29 October

We anticipate entry will be from Gate 'A' Fullarton Road

Where applicable Covid19 Government directions will be adhered to

If you decide to attend, a plan/layout of the site will be sent to you. Please complete the attached Application Form and return to me.

If payment is made by direct debit, please send an email to treasurer@australianplantssa.asn.au and myself at the above email with a copy of the payment receipt.

See NOSSA website for forms. Contact us direct - see

N
O
S
S
A

C
A
L
E
N
D
A
R

2
0
2
3

2023 Calendar - \$20 ea

Packed full of Orchid Information
email: nossa.enquiries@gmail.com



For sale now—2023 NOSSA Calendars

Great gift for an orchid-lover, grandchild, great to have on display in your home, conversation starter. **Only \$20**

To purchase, Email: nossa.enquiries@gmail.com

New Members

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

Jason and Jo-Anne Size of Berri,
Greg Thornton of Aberfoyle Park,
Beth Stronach of Belair,
Paul Andrews of Happy Valley,
Connor Margetts and Alex Winston both from Hackham
Carlene and James Calvert of Aldgate
Anton Hooft of Bowden
Garry and Talitha Dodd of Lobethal



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.