

NOSSA Journal - June 2017 Volume 41 No. 5



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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.

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Mr G Carne	Mrs T Bridle
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Mrs C Houston	
Mr D Hirst	
	Mr R Bates Mr R Shooter Mr W Dear Mrs C Houston

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.

Front cover – Celebrating 40 years - Lorraine Badger with the help of Adrian Ward, using the NOSSA logo.

On 22 March 1977 at an inaugural meeting NOSSA was formed and the committee called for members to "submit designs for consideration of a logo for letterheads, badges, signs, car stickers, etc." The winning entry, Chris Butler's Caladenia menziesii (Leptoceras menziesii) commonly known as Rabbit Orchid was announced in the June journal 1977 Vol 1 No 5. This distinctive and attractive design in colours of red and white on a green background has changed very little and is still in use today.

Bulletin Board

The Native Orchid Society of South Australia meets every 4th Tuesday of the months February to November at St Matthew's Hall, Bridge Street, Kensington. Meeting starts at 8:00 p.m. Doors to the hall open from 7:15 pm to allow Members access to the Library, Trading Table.

Date	Event
June 17 th	Field Trip – TBA
June 27 th Tues	General Meeting - Speaker: Les Nesbitt – Seeking Orchids in China
Jul 4 th Tues	Committee meeting – Lorraine & John Badger's – 23 Cumming St., Craigburn Farm
Jul 6 th Thur	Journal articles due – NOTE 1 day earlier than previously – late entries not published



TO NEW MEMBERS

Russell Stanley of Charlton, Victoria

FIELD TRIPS

NOTE: Saturday 10th June trip **changed to** June **17**th Location & Plants TBA –. Bring lunch, drinks, cameras & chairs.

REMEMBER: Field trips must be booked through Michael Clark our field trip co-ordinator - nossa.fieldtrips@gmail.com

SPECIAL FIELD TRIPS

See article in journal for Belair NP re-enactment on page 55 and also preparations for York Peninsula on page 55

COMMITTEE MEETING JULY 4th

Next committee meeting is on Tuesday 30th May Badger's home – 23 Cumming St., Craigburn Farm

ARTICLES FOR NEXT JOURNAL - JULY 6th

Articles / Reports need to reach the Editor *no later* than $\underline{Thursday}$ 6^{th} July. Thank you.

NEXT MEETING TUESDAY JUNE 27

Guest speaker – Les Nesbit "Seeking Commercial Orchids in China plus travelogue".

NOSSA FUTURE MEETINGS 2017

July 25 – Andrew Brown of WANSOCG (W. Australia)

August 22 – Greg Steenbeeke, Senior Threatened
Species Officer, NSW Office of Environment and Heritage











FOR THE 2017 DIARY

*NOSSA SPRING SHOW

9th & 10th September

NOTE: show brought forward 1 week **Volunteers needed – contact secretary**

Email: nossa.enquiries@gmail.com

*SAROC Fair

10th & 11th June 2017

*NOSSA Christmas BBQ Dec 2 at the Higgs place

ANOS VIC ANNUAL SPRING SHOW

23rd & 24th Sept Mt Waverley Community Centre, Vic.

PTEROSTYLIS Despectans – SURVEY 2017

This full count survey will take place on Sat & Sunday of **August 19**th **& 20**th Areas include Hallett, Koolunga & Wirrabara Forest.

Trees For Life

<u>For further details contact Erica Reeve</u>s, Threatened Flora Officer, Northern & Yorke

mobile: 0408 812 677 email: ericar@treesforlife.org.au

WEEDING AT BRENTWOOD CEMETERY

Sat June 24th –(Arachnorchis intuta) from 9:30am Bookings essential as this event is catered for <u>Contact Erica Reeves</u> Threatened Flora Officer, Northern & Yorke

Northern & Torke

mobile: 0408 812 677 email: ericar@treesforlife.org.au



From the President

Robert Lawrence

South Australian Regional Orchid Club

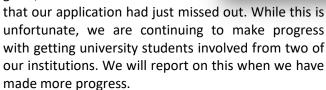
NOSSA has recently joined the Australian Orchid Council, which has enabled us to join the South Australian Regional Orchid Council (SAROC). We expect this to be a strategic alliance. In the immediate future, it will enable us to promote NOSSA at the SAROC Fair, to be held on the weekend of 10 and 11 June 2017. Seeing some NOSSA members have been involved in other clubs at the Fair, NOSSA will have a static display that will enable us to recruit new members from those who are already interested in orchids. As a smaller association, we expect to obtain a financial gain from being involved with the Fair. Rosalie and I have been to the last couple and encourage NOSSA members to attend.

Orchid Seed Kits

If anyone missed out on the seed kits for this year, Les will be selling them at the SAROC Fair. This will probably be the last opportunity to purchase them. Kits are available for Caladenia tentaculata and Glossodia major.

Wild Orchid Watch

I mentioned in February that we had applied for a Citizen Science grant, but we learnt this month



May 2017 general meeting

Dr Jasmine Packer is an ecologist with varied interests including bandicoots and fungi. Indeed, she spoke to the Field Naturalists about Phragmites australis (Common Reed) earlier in the month. At our meeting, she spoke about the critical interactions that bandicoots, hyacinth orchids and particular fungi have in nature. As a small animal, their digging activities are critical for creating habitat for orchid seeds to germinate. It was an enjoyable and engaging presentation with enthusiastic discussion afterwards. Jasmine always seeks to maintain an enthusiastic and positive perspective on nature.

Two new orchid publications by Rudie Kuiter

Victoria's Summer Orchids 216 pages. 1150+ photographs! \$70.00

Orchid Pollinators of Victoria 4th Ed. 338 pages. 1300+ photographs \$90.00

The NOSSA committee moved that we buy one of each for the library. Orders will also be taken from members who wish to have their own copy, thus saving on postage. Contact nossa.membership@gmail.com

The author of numerous recent orchid publications, Rudie packs his books with quality photographs to assist all levels of orchid enthusiasts with identification in the field through detailed close-ups; illustrations of all aspects of the flower,

leaves and whole plant, together with information on flowering times, size and variations. His books are a pure joy to peruse and take in his photography which often captures his primary interest: the pollinators.





PIG IN A BAG FIELD TRIP

Myponga District Saturday 20 May 2017

Marg Paech

Saturday was a clear May day despite the threat of showers. The breezes were at times brisk, but did not deter the little group of 8 who met at the Hindmarsh Falls Picnic Ground. As we were leaving the vehicles, a spider was found, - No! too early for Arachnorchis flowers and even leaves! It was an 8 'legger' on the collar of John Badger's jacket, which once dislodged, was the subject of many photos.



Neosparassus diana - Huntsman spider Photo: Carolyn

The group walked through the scrub, parallel to the road leading to the viewing area of the Hindmarsh Falls. Many varieties of young leaves were spotted but no flowers were to be seen.



They sought them here, they sought them there,
Those jolly orchid hunters sought them everywhere – Photo: LB

As the walk went on a few fell behind. Marg led the remaining four onto the track to view the falls, after

almost being lost in the bush. Here the rare

Hindmarsh Falls green Correa (*C. calycina var. calycina*) was found in flower.

On our ascent several *Acianthus pusillus* flowers were photographed. Some large leaves were noted with the suggestion that they may be *Pterostylis curta* leaves.¹ This was the home of the critically endangered *Pterostylis bryophilum,* but, it's now thought to have died out.²



Photo: John B

The two groups soon reunited making their way back to the vehicles. On the way a patch of 6 undetermined *Prasophyllum* (leek orchid) leaves were found along with some *Diuris* (Donkey orchid) leaves.

All proceeded to Spring Mount and since it was midday, lunch was consumed before moving into the

CP. The beautiful bright red heath flowers challenged photographers. *Pterostylis nutans* rosettes were a little further advanced here with some early buds being found. A number of *Eriochilus* capsules were



found with a spectacular one which had four leaves

¹ Pterostylis nutans leaves not P. curta in Myponga [Bob Bates. 4/6/17

Also Bob Bates 14/6/17 "not quite, as we saw flowers just 3 years ago but it's too small an area for long term survival though." Editor. Other reports for sightings in this area; (DEH 2006 cited in Quarmby 2010)

tightly growing together. Fungi of various types, and native violets were also found at both locations.

Two of our number left the group as we set out for Myponga Conservation Park. Once we turned off from James Track it became a single vehicle track, through patches of water and up and down dale. Eventually two vehicles were left while the other two vehicles conveyed the 6 who remained in the party to our destination.

For a while it looked like our search may have been fruitless, but after Robert and Marg walked over it, John found our first *Eriochilus collinus* flower – the best one of the trip. From there it was all positive. Robert found a single flowered *Corunastylis* sp. Ade *collinus* Adelaide Hills and then spent *Corunastylis* flowers were found.



Eriochilus collinus

Photo: Robert L

More *Eriochilus collinus* flowers were found, and Carolyn (who had made a brief stop, losing the group) was phoned to come and see them. She'd been so disappointed earlier at not having ever seen an *Eriochilus* in flower.

The *Eriochilus* and *Corunastylis* were all found in the vicinity of a very low 'tuffty' grass which Robert mentioned were where they were often found. Whilst we waited for Carolyn, several cauline

Urochilus stems were found, 1 with sterile rosettes at its base.

As we were heading upward to the vehicles [the terrain was rather steep unless walking along contours] a *Urochilus* with one flower was found, much to Robert's delight. He used his photo to taunt Rosalie when we got back to the cars. Meanwhile, near the vehicles, Lorraine W found quite a few tall *Thelymitra* stems with capsules in a small area.



The lengths some go to find an orchid! Photo: LB

This field trip was a 'pig in the bag' trip — since we did not know what, if anything we would find as no one had checked out the area prior to the trip.

We agreed it was a worthwhile experience as most of these locations were new to us. Having been visited by NOSSA members many years ago, none of us were familiar with them and we just had the old field trip reports to inform what orchids had been found there.

Thank you to all who took part, especially our guides. It was a great time together doing what we love: looking for orchids, getting to know each other better, admiring and learning more about the other things nature has to offer.

**For the record, I found *Leporella fimbriata* in flower at Mt Billy on the way home.

Hindmarsh Falls		Spring Mount		Myponga CP		
Acianthus pusillus	FI	Acianthus pusillus	L	Thelymitra sp	L caps	
Pterostylis nutans	L	Pterostylis nutans	Lb	Eriochilus collinus	fl	
Thelymitra sp	L	Thelymitra sp	L	Corunastylis sp. Adelaide Hills	fl, caps, s	
Glossodia major	L	Glossodia major	L			
Leptoceras menziesii,	L	Urochilus sanguineus	Fl, b, s			
Pterostylis curta	L	Eriochilus collinus	caps			
Diuris sp						
Prasophyllum w red bases	(6) L	CODE: L = leaves; b = buds FI = flowers caps = seed capsules s = sterile rosette/leaf				
Corunastylis sp. Adelaide Hills						

Why not join us for the 'Re-Enactment' Of NOSSA's First Field Trip

1 July 2017

Everyone is invited to join us on this field trip. We would especially like to see some folk who went on the first field trip. It will be interesting to compare the plants we find with those that were found on that occasion, as listed in last month's journal – p.43.

Bring lunch, drinks, cameras & chairs.

REMEMBER: Field trips must be booked through Michael Clark our field trip co-ordinator - nossa.fieldtrips@gmail.com

Letters to the Editor: nossa.editor@gmail.com

Hi Lorraine,

Further to the earlier field trip to Nixon Skinner on April 1 as reported in the April Journal p. 33 [Vol 41 No. 3], it should be recorded that apart from the *Corunastylis* and *Eriochilus* we also found a few *Leporella fimbriata* in bud.

Regards, Rosalie

Hi Lorraine,

Thanks for the newsletter. I'll check out the National Geo article about photographing orchids. Hope my late reply re Yorke Field Trip is useful. Lib Bartholomeusz

From the Editor



Journal Editor Vacancy

As mentioned in the last journal I will be resigning from the position of NOSSA

journal editor. I am prepared to continue only until the AGM in March 2018, during which time I would, hopefully, take time to train and assist a new editor. As explained one does not need to live in Adelaide for in this day and age it is possible to produce a magazine from anywhere in Australia. If you are interested or have any questions about the role please contact me at: nossa.editor@gmail.com

Other NOSSA Vacancies

We are also in urgent need of a Secretary or several folk willing to share various parts of the role.

Country Field Trip Ideas Request:

Following the request in last month's journal on orchid locations for a planned FIELD TRIP to York Peninsula later this year, I am pleased to report that we have received some great feedback and are now looking at working with a local group (see article below). We're still interested in hearing of locations in the Upper South East for Oct 14th & 15th.

Further Information Required for a J G Morley as no location given to send journal.

York Peninsula Field Trip Aug 26th & 27th 2017

For this to be a memorable time away plans need to get underway. We have been invited to join the local APS group on the Sunday as they visit Halbury Parklands (10 minutes east of Balaklava). Not quite on YP, but they have said that they would appreciate NOSSA's company. On the Saturday we will probably visit an area on the peninsula in the morning and then visit Victoria Park on the edge of Moonta in the afternoon. Some may like to stay over on the Saturday night, but if not both locations are within driving distance from Adelaide. If you think you *might* like to join us for this weekend, or either Saturday or Sunday please register your interest with our Field Trip Co-ordinator, even if you cannot commit at the moment. This would be a great opportunity for both the experienced orchid hunter and those who are new to NOSSA and an opportunity to get to know the YP folk. Why not contact the Field Trip co-ordinator today? nossa.fieldtrips@gmail.com

Pterostylis sanguinea Seedlings

Les Nesbitt

The 2016 seed kit effort was not entirely wasted. At Kildare there are eight 100 mm pots with one or more seedlings emerging. These are probably not kit pots. Tiny seedlings were planted out last year from the petri dishes used to test the viability of the seed and the ability of the fungus to germinate the seed. The largest seedling will flower with one small bud developing. Not bad going from seed to flower in 18 months. Not many orchids mature that fast. The mix used appears to be 100% native potting mix. The seedlings died down prematurely last winter/spring in the cold and wet and I thought they were lost. Our native orchids are tougher than you think.

I am pleased that my two mother plants at home have re-emerged. One has 5 buds and the other 3 buds. Thrips are always a pest that suck the life out of the autumn greenhoods, so I use fly spray once a week to prevent damage. I hold the spray can at least 1m away from the orchid to minimize freezing

the plant. I will try for seed again this year as last year no pods formed in the wet.

At my bush block, eight seedling leaves have appeared in the dry mix pots from last year and 7 seedlings are up in the ground that was sown with seed and inoculated millet. Several seedling leaves are showing in what I am sure were empty pots last year from the compost trials. Have 2017 seedlings appeared already? The remaining seed from 2 years ago was mixed with fine sand and sprinkled at Easter on last year's pots and ground sites.

Although the kits were unsuccessful, the associated activities have resulted in at least 30 healthy *Ptst. sanguinea* seedlings in 2017. More may appear. Nowhere near the thousand that was dreamed about or the hundred that was hoped for but encouraging enough to spur further effort this year. There have been rumours of other seedlings but no proof has been forthcoming.

Plant Recall June 2017

Les Nesbitt

The objective of this exercise is to make available native orchid species seedlings to members. Apart from *Den. speciosum* and *kingianum*, native species are not often available in Adelaide so this is also a conservation project. We can learn from each other about each species requirements as we all have different growing ideas. The exercise for 2017 will be the fungus dependent orchid seed kits. Please bring your plants to the June meeting so we can see the

results. No flowering plants have been seen yet which just demonstrates that growing native orchids from seed is not a fast process. The plants are:

- 1. Dendrobium teretifolium from 2012
- 2. Dendrobium linguiforme from 2013
- 3. Dendrobium comptonii from 2014
- 4. Sarcochilus hartmannii 2015
- 5. Ptst sanguinea & P. nana (seed kit) 2016

Organ Transplants

Reprint: NOSSA JOURNAL, Vol. 10, No. 1. February, 1986

Some people carry cards in their wallets authorizing surgeons to remove organs for transplant after death. Members of the Orchid Society of Great Britain carry cards saying: 'Orchids need expert care. In case of death or illness of owner, contact the

secretary of the Orchid Society of Great Britain...Delay may be fatal.'

'In the event of death or serious illness, it is all too easy for an orchid collection to be forgotten,' the society explains.

May 2017 Photographic Competition

Miniscule Orchids – less than 10 mm

Rosalie Lawrence

May's theme was 'miniscule', or less than 10mm. Of the eight entries five were *Corunastylis*, two Spider orchids from Western Australia and one an epiphyte. The flowers of the two spiders, *Caladenia pachychila* (photographer Rob & Jenny Pauley) and *Caladenia bryceana* subsp. *bryceana* (Pauline Myers) were the largest of the group being about 10mm across whilst the *Bulbophylum globuliforme* (Ros Miller) and *C. despectans* (Rosalie Lawrence) were the smallest being only 2mm across.

Of the remaining *Corunastylis* entries the flower size ranged from 3mm for *C. pumila* (Rob & Jenny Pauley), 4mm for *C. tepperi* (Ricky Egel), 7mm for *C. ciliata* (Rosalie Lawrence) and 8mm for *C. morrisii* (Rob & Jenny Pauley).

The winning picture *C. morrisii* (Bearded or Hairy Midge Orchid) is one of the larger midge orchids. Other synonyms are *Prasophyllum morrisii* and *Genoplesium morrisii*. This common species is mainly found in Victoria but it does extend into southern New South Wales in the east and in the west just spills 50 km over the border into South Australia where it is rated endangered. It also occurs in the south east of Tasmania.

With such a wide distribution range, it is not surprising to see quite a variation in flowering time from late spring through to autumn depending upon location.



Theme for JUNE Photographs:

Any Blue or White Orchid flower

NOTE: Orchid photos from **any** Australian state **are** acceptable

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Wapstra, et al (2012). Flowering Times of Tasmanian Orchids: A Practical Guide for Field Botanists. Self-published (May 2012 version). Backhouse, G., Kosky, B., Rouse, D. & Turner, J. (2016). Bush Gems: A Guide to the Wild Orchids of Victoria. Self-published by the authors

Rules of entry:

The subject matter must have something to do with Australian orchids. Any format is acceptable including Photo shopped images, artwork, etc.

How to enter:

Email nossa.enquiries@gmail.com – jpg as large as you are able to send OR Post: PO Box 565, Unley, 5061

May 2017 Benched Orchids

Photos Courtesy of David Hirst

Epiphytes: Open Division

Species: Hybrid

No entries 1st Den. Jonathon's Glory 'Dark Joy' Eric Nesbitt No entries 2nd Nil

No entries 3rd Nil

Epiphytes: Second Division

Species Hybrids

No entries 1^{st} Den. Ellen Surprise X Aussie Victory R & R Lawrence No entries 2^{nd} Dendrobium Eclipse Janet Adams No entries 3^{rd} Den. Eleanora Star X Aussie Victory R & R Lawrence

Terrestrials: Open Division

Species: Hybrid

 1^{st} Corybas hispidis D & J Higgs 1^{st} Pterostylis X furcillata D & J Higgs 2^{nd} Dipodium laxum Les Nesbitt 2^{nd} Pterostylis trunkfish D & J Higgs

3rd *Dipodium truncatum* Les Nesbitt 3rd

Terrestrials: Second Division Nil

POPULAR VOTE POPULAR VOTE

OPEN DIVISION_Epiphytes: **OPEN DIVISION** Terrestrials

Species: Nil Species: Corybas hispidis D & J Higgs

Hybrid: Den. Jonathon's Glory 'Dark Joy' Eric Nesbitt Hybrid: Pterostylis trunkfish D & J Higgs

SECOND DIVISION *Epiphytes:*

Hybrid: Dendrobium Eclipse Janet Adams

Plant of the night

Corybas hispidis Don & Jane Higgs



Den Elanora Star x Aussie Victory



Corybas hispidis



Den Ellen Surprise x Aussie Victory

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PHOTOS - David Hirst



Urochilus sanguineus

Den Ellen Surprise x Aussie Victory





Diplodium truncatum



Den Jonathons Glory 'Dark Joy'



Den Awesome x Den speciosum var curvicaule



Den Elanora Star x Aussie Victory_

Pterostylis obtusa



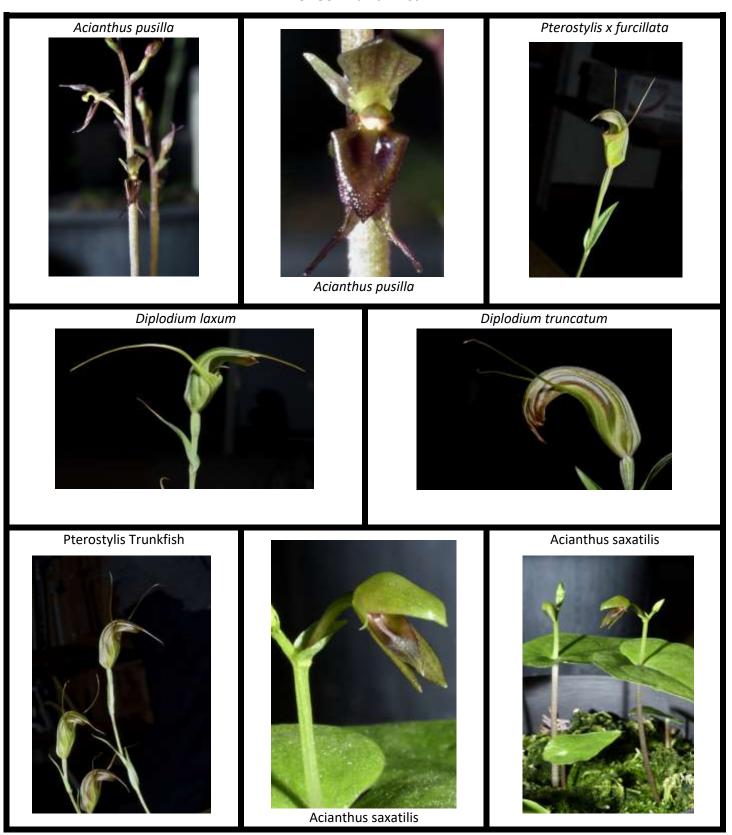


Den Ellen Surprise x Aussie Victory_

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PHOTOS - David Hirst



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