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NATIVE ORCHID SOCIETY OF SOUTH AUSTRALIA PO BOX 565 UNLEY SA 5061

www.nossa.org.au.

The Native Orchid Society of South Australia promotes the conservation of orchids through the preservation of natural habitat and through 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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Front cover from an original drawing of Caleana major by Helen Lawrence. Used with her kind permission.



JOURNAL OF THE NATIVE ORCHID SOCIETY OF SOUTH AUSTRALIA INC.

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The Native Orchid Society of South Australia meets every 4th Tuesday of the months February –November

NEXT MEETING 25 SEPTEMBER 2012

NEXT MEETING

Tuesday, 25 September at St Matthew's Hall, Bridge Street, Kensington. Meeting starts at 8:00 p.m. Doors to the hall will be open from 7:15 p.m. to allow Members access to the Library and trading table.

. The September meeting could be a cultivation night because there are likely to be many orchids in flower and less time for a speaker

DIARY DATES

Bassnett Rd; *Arachnorchis behrii* **Nossa Spring Show**

Sept 15, Saturday 22-23 September 2012 Sept 26, Saturday; 11am Oct 1, Sunday; 11am Oct 27, Saturday; 11am Oct 7, Sunday Oct 13, Saturday 25th November

Nossa Spring Show Mt Lofty Botanic Gardens Spring flowering orchids Mt Lofty Botanic Gardens Spring flowering orchids Mt Lofty Botanic Gardens Spring flowering orchids Sandy Creek; *Prasophyllum* and *Oligochaetochilus* Scott Creek; *Thelymitra grandiflora* Annual NOSSA BBQ, Myponga

NEXT COMMITTEE MEETING

Tues, 2nd October. Meeting commences at 7:30 p.m. to be held at the home of Les Nesbitt at 18 Cambridge Street, Vale Park.

Judging results for August meeting

Species: None benched.

Hybrids: Dendrobium aemulum; Dendrobium Annes Rainbow Surprise; Dendrobium Awesome; Dendrobium Candice; Dendrobium Cheeky; Dendrobium Ellen 'North Mead'; Dendrobium Glenn Star; Dendrobium Jesmond Dazzler; Dendrobium Jonathon's Glory 'Dark Joy'; Dendrobium Lisa Turner; Dendrobium Minispec; Dendrobium Sparkler Storm; Dendrobium Star of Riverdene; Dendrobium Tyabb x Cobber; Dendrobium Zip x falcorostrum; Dockrillia teretifolia; Dockrillia unknown; Papillilabium beckleri; Sarcochilus spathulatus.

Terrestrials benched;

Species: Caladenia arenicola; Caladenia tentaculata; Chilglottis sylvestris (Qld); Corybas incurvus; Cyrtostylis robusta; Diuris magnifica; Glossodia major; Pterostylis curta (2 plants); Pterostylis erecta.

Hybrids: Caladenia 'Spiderman'; Pterostylis Dusky Duke; Pterostylis furcata x Ingens; Pterostylis Joseph Arthur.

Judging results				
Epiphyte species Open division	Grower			
1 st Dockrillia teretifolia	Graham & Jan Burford			
2 nd Dendrobium aemulum	Kris Kopicki			
3 rd Dockrillia teretifolia	Steve Howard			
Epiphytes Species 2 nd division: None benched				
Epiphyte hybrid Open division				
1 st <i>Dendrobium</i> Jonathon's Glory 'Dark Joy'	Steve Howard			
2 nd Dendrobium Cheeky	Bodo Jensen			
3 rd <i>Dendrobium</i> Candice	John & Bev Gay			
Epiphytes Hybrids 2 nd division				
1 st Dendrobium Star of Riverdene	Janet Adams			
2 nd Dendrobium Zip x falcorostrum	Janet Adams			
3 rd <i>Dockrillia</i> unknown	Janet Adams			
Terrestrial species Open division				
1 st Diuris magnifica	Kris Kopicki			
2 nd Caladenia arenicola	Kris Kopicki			
3 rd Pterostylis erecta	Les Burgess			
Terrestrial hybrids Open division	-			
1 st <i>Pterostylis</i> Dusky Duke	Les Burgess			
2 nd Caladenia 'Spiderman'	Les Nesbitt			
3 rd <i>Pterostylis</i> Joseph Arthur	Les Nesbitt			
Terrestrial Species 2 nd division				
Pterostylis curta	Janet Adams			
Terrestrial Hybrid 2 nd division				
1 st Pterostylis furcata x Ingens	Warren & Jackie Thompson			
2 nd Pterostylis Nodding Grace	Robert & Rosalie Lawrence			
Popular vote				
Terrestrial species: Diuris magnifica	Kris Kopicki			
Terrestrial Species 2nd division : <i>Pterostylis curta</i>	Janet Adams			
Terrestrial hybrid: Caladenia 'Spiderman'	Les Nesbitt			
Terrestrial Hybrid 2 nd division; <i>Pterostylis furcata</i> x Ingens	Warren & Jackie Thompson			
Epiphyte Hybrid: Dendrobium Star of Riverdene	Janet Adams			

lant of the night Dockrillia teretifolia

Epiphytes Species 2nd division; *Dockrillia teretifolia*

Graham & Jan Burford

Graham & Jan Burford

Plant commentary on terrestrials given by Les Burgess & on epiphytes by Graham Zerbe.

August Speakers: Kris Kopicki gave a computer generated slide show demonstrating the various facets of the NOSSA website. Les Nesbitt spoke briefly on the *Dockrillia teretifolia* seedings then proceeded to raffle them off. There will be a second distribution at the October Meeting

FOR YOUR INFORMATION - NOSSA NEWS

FIELD TRIPS Upcoming Field Trips

Date	Site	Orchids	Meeting Place
Sept 15,	Bassnett Road	Arachnorchis behrii	Meet are carpark corner of Bassnett Road
Saturday		and other Adelaide	and Humbug Scrub Road, Para Wirra
		Hills spring	
		flowering orchids	
11am,	Mt Lofty Botanic	Spring flowering	Meet at the Lower carpark, Lampert
Sept 26,	Gardens	orchids	Road, Crafers. UBD 145F4.
Saturday;			**NOSSA members willing to assist with
Oct 1,			these tours would be most appreciated.
Sunday;			
Oct 27,			
Saturday			
Oct 7,	Sandy Creek	Prasophyllum and	Corner of Barossa Valley Highway and
Sunday		Oligochaetochilus	Williamstown Road, Sandy Creek.
Oct 13,	Scott Creek CP	Thelymitra	Corner of Cherry Gardens and Dorset
Saturday		grandiflora	Vale Road, Cherry Gardens. 168E8.
Nov 11	Cox Scrub	Caleana &	Southern end of Cox Scrub, small
Sunday		Paracaleana (Duck	carpark, corner Creek Road & Bond Road
		orchids)	(no through road) Ashbourne.

All field trips commence at 10:00 AM

Articles and Accompanying Photographs

Editor

Many articles are now being sent to the Editor with numerous digital photos embedded or attached. This is wonderful for those members who receive an electronic version as it gives a colourful presentation with the plants being discussed clearly shown.

However those who receive only the printed copy have more and more un-sharp black & white photographs inserted into a longer journal [16 pages instead of the usual 12] detracting from its neatly produced character.

I am unsure how to contend to this. While there is the limitation only in Mb size of the electronic journal for ease of emailing there is however a limit to the printed size due to mailing weight and therefore costs.

One answer is to omit some photos from articles for the mailed journal as is already done with photos of plants benched at meetings. A smaller font is already used to fit articles to page and may have to be employed throughout.

The alternative of printing the Journal in colour would increase membership fees significantly for those members and is not considered to be a viable option.

Your feedback to the Secretary or the Editor will be most appreciated.

NEXT JUDGES MEETING

The next judges meeting will be October 13th at Les Nesbitt's home

2012 MEMBERSHIP NOTICE

Members who wish to pay 2012 Membership Fees electronically should e-mail NOSSA Treasurer on <u>nossatreasurer@hotmail.com</u>

You will receive banking details so that you can complete your subscription. Please remember to include in your email any change of address details. Marj Sheppard, Treasurer

The *Dockrillia teretifolia* seedlings will be available again at the Sept meeting. Each member can get a second seedling for a \$2 payment

NOSSA Sarcanthinae Show 2012

Held at October monthly meeting [Tuesday 23rd] Show Schedule for October 2012 will be in the October Journal

Prepare your sarco plants now ready for a good showing and a chance for a prize or two.

XMAS RAFFLE

Please bring in to the September and October meeting any items to Faye Eaton that can be added to the Christmas Stocking/Basket **Raffle prize**. Please check that the use by dates on the products will still be current into 2013.

ARTICLES / ITEMS FOR NEXT JOURNAL

Articles / items for the October journal need to reach the Editor by Friday October 5^h.

Diuris behrii Project Update 4

Les Nesbitt

A trailer load of topsoil from the mine site has been delivered to a storage bin next to my shadehouse. The soil is a heavy orange/brown clay loam mixed with small rounded gravelly stones and interspersed with lumps of copper/silver/gold mineralisation. *Diuris behrii* and other plants seem to thrive in it, even in my high rainfall area. Some of this soil has been dried and sieved ready for use during tuber removal in September.

During this activity the largest *Diuris behrii* tuber will be potted into a 150mm pot to maintain the clone. The removed daughter tubers will be potted singly into 100mm diameter deep pots to grow on for reintroduction to rehabilitation areas at Kanmantoo next year. For tracking purposes the label of each daughter tuber will be marked with the parent clone number and a consecutive daughter tuber number. For example C5 D2 will be the second daughter tuber from clone number 5. The plants minus their new tubers will be potted in clonal clumps into 125mm pots and watered in. It is expected that new small tubers will form before dormancy begins in November. These pots will be marked with the clone number on a label. The three pot sizes will make identification easier for future cultivation activities over the summer dormant season. We plan to remove tubers from at least 30 of the strongest clones.

Ten of the largest plants with buds developing have been selected to carry pods this spring. Individual flower buds could still not be distinguished on 27th August. Each pair of clones will be cross pollinated to maximise the chance of pods full of viable seed. One pod per plant will ensure that the orchid plants are not weakened excessively. Tubers will not be removed from these 10 clones.

The one rufa group greenhood has not done well this winter. One rotting leaf has been removed and the remaining leaves have bacterial spotting. All the other orchids have handled the cold wet winter successfully.

There may be a few more *Diuris behrii* plants than the 168 counted in July. *Diuris behrii* has a cluster of up to eight thin leaves. Orchids with only one or two leaves are very hard to identify amongst the single leaf grasses. Tuber identification will be easy during summer repotting. John Crocker is adamant that 99 *Diuris* clones were pegged and collected in 2011.

Field Trip Report: Sandy Creek Conservation Park and Altona CSR Landcare Res.

Leaders: Clive and Claire Chesson. Day and Date: Saturday, July 28, 2012 All photographs used below were taken on the day by Leo Davis.

By Clive and Claire Chesson

A large group of orchid enthusiasts assembled at Sandy Creek township for the NOSSA *Corysanthes* field trip. In fact we had 28 members travelling in 14 vehicles. With so many pairs of eyes, expectations were high in terms of the number of species that would be found and that expectation was realised. However, although 23 species were recorded for the day across the two sites only 7 species were in flower. With considerable collective experience and the book "Start with the Leaves" in hand we were able to confidently identify the other species in the absence of flowers.

Corysanthes, 'Helmet Flowers' were the focus species for the day. *Corysanthes diemenica* (veined helmet-orchid), and *Corysanthes despectans* (shy helmet-orchid) with the former inflower, were both found at Sandy Creek. Other *Corysanthes* species remained elusive at both sites. All the signs suggested that, for this year, we were too early by several weeks at least.



A pre-trip briefing at Sandy Creek township





Corysanthes diemenica (veined helmet-

Listening intently to an account of the history of Altona CSR Landcare Reserve by David Pettifor.



Eriochilus cucullatus (parson's bands)

At Altona, Acianthus pusillus (mosquito orchid), Diplodium robustum (large shell-orchid), Linguella sp. 'hills nana' (dwarf greenhood), Urochilus sanguineus (red-banded greenhood) were all in flower. Other species identified by their leaves were: Arachnorchis tentaculata (king spider-orchid), Cyrtostylis robusta (large gnat-orchid), Glossodia major (purple cockatoo), Leptoceras menziesii (hare orchid), Plumatichilos sp. 'Woodland' (bearded greenhood), Pyrorchis nigricans (black fire-orchid). Only a single specimen of Pyrorchis nigricans was found with bud, across both parks, and this was keenly observed and recorded in anticipation of flowering at a later date.



Diplodium robustum (large shell-orchid)



Urochilus sanguineus (red-banded greenhood)



Linguella sp. 'hills nana' (dwarf greenhood)

At Sandy Creek Conservation Park, Acianthus pusillus (mosquito orchid), Corysanthes diemenica (veined helmet-orchid), Cyrtostylis robusta (large gnat-orchid), Linguella sp. 'Hills nana' (dwarf greenhood), Pheladenia deformis (bluebeard orchid), Urochilus sanguineus (red-banded greenhood) were all in flower. Other species identified by their leaves were: Arachnorchis tentaculata (king spider-orchid), Caladenia latifolia, (pink fairies), Corysanthes despectans (shy helmet-orchid), Cyrtostylis reniformis, (small gnat-orchid), Eriochilus cucullatus (parson's bands), Glossodia major (purple cockatoo), Leporella fimbriata (fringed hare-orchid), Plumatichilos sp. 'Woodland' (bearded greenhood), Oligochaetochilus biseta (two-bristle greenhood), Oligochaetochilus psammophilus (Sandy Creek rufous-hood), Pterostylis pedunculata (maroon-hood) Pyrorchis nigricans (black fire-orchid) and Thelymitra antennifera (lemon sun-orchid). Leaves of another sun-orchid species were found and these could have been of one of two species, Thelymitra arenaria, (sand-plain sun-orchid) or Thelymitra bracteata (slender sun-orchid). The leaves of these species are hard to distinguish, being almost identical, and a stalk with buds or flowers would have been useful here.

In conclusion, many species were found, some flowering and many not, and it became a good day to hone our skills of identification by leaf.

NOSSA visit to Ferris-McDonald and Monarto Conservation Parks. Saturday, August 11, 2012. Leo Davis

Our recent excellent turnout record was maintained with 20 people attending. We do so for a range of reasons. Some come just to see orchid flowers, especially the spectacular ones. Others are interested in leaves as well. One odd bod seemed excited to find seed pods. Just a few metres into our exploration of Ferries-McDonald Conservation Park, Clive Chesson was delighted to find a flowering specimen of *Phebalium bullatum* (silvery Phebalium) so orchids were off the agenda for a while as Clare photographed that. Some come as much for the walking as anything, not to mention the good company and picnic lunch.

One or two of us took a double take as we drove past Monarto C. Pk., on the way to our rendezvous outside Ferries-McDonald C. Pk.; there were close to 20 cars in the car park. A quick stop and reverse revealed that there were no people. Later it was established that an Ornithological outing was underway there and that party was only just clearing the car park when we arrived there, after lunch.

The foray was very well organized and led by Ken and Barb Bayley who had done detailed preparation. Special treats they had to show us included a *Diplodium* hybrid (*D. dolichochilum* x *D. erythroconchum*) and the *Linguella* sp. 'Hale' (R Bates 33950) (Veined-leaf nana) that very few of us had ever seen. Bob Bates said this was the biggest colony ever observed at Ferris-McDonald and he was pleased that the occurrence was well off the walking track, making its disturbance less likely.

The more common *Jonesiopsis capillata* (pale wispy spider orchid), rarely (never?) found on the Adelaide side of the Hills, was a first time treat for many of us. It was notable that this species, very commonly in flower at Ferris-McDonald was less common at Monarto and mostly still in bud.

The mosquito orchids, *Acianthus pusillus*, were well past their best but the actual mosquitoes (*Aedes sp???*) were very pleased that we'd arrived and fears were expressed that an organized group could carry one of us away. Curiously we found almost no mosquitoes at Monarto.

We were encouraged, by Bob Bates, to look for white or pink forms of *Pheladenia deformis* (blue beard or blue fairy-orchid), seen at Ferris-McDonald in the past, but none were found. One lovely patch of close to 20 of the standard blue form was a treat.

A few mad souls did not quite despair at distinguishing between the range of *Linguella "nana"* species, officially classified or not, that Bob Bates assured us were likely to be found. He was, perhaps, exasperated that we could not instantly remember the diagnostic features that are obvious and elementary to his keenly sensitive taxonomic eye. There is a memory of him pointing out an apparent pinching of the flower of the "mallee" version.

An interesting detail was that Bob Bates was able, confidently, to state that a plant he'd not even seen, was *Hymenochilus pisinnus* (tiny shell orchid) and not the suggested *H. calcicolus* (limestone tiny shell orchid). How so? Because it was growing on sand, in the NE corner of Monarto CP, not in the SW where the limestone comes to the surface and, silly us, we should have known, from the specific name, which means "growing on limestone", that refers to the required habitat of this species. Later three *H. calcicolus* plants



Cameras out at Ferris-McDonald Conservation Park.

were sighted, in flower, on the limestone. Most plants observed were only in tight bud. We hoped to but did not find specimens of *H. nemoralis* (swan headed tiny shell orchid).

Bob whetted appetites for return visits to Monarto with predictions that there will be a range of *Diuris* species, hybrids and colour variations to see in coming months, especially in the SW corner.

It was encouraging to find four persons aged less than 20 joining us. One at least, Helen Lawrence, knows more about orchids than most of us and should be a valuable leader on NOSSA outings in years to come.



Off on a long walk, at Monarto, in search of *Hymenochilus calcicolus* ; we found a patch of three in flower



Diplodium hybrid Ferris-McDonald Cons. Park



Linguella sp. 'Hale' Ferris-McDonald Cons. Park



Linguella sp. 'Hale' Ferris-McDonald Cons. Park Note the **veined** leaves

The species lists, below, are necessarily incomplete. Somebody will have seen species not listed.

	Ferris-McDonald CP.	Monarto CP.
Acianthus pusillus.	Flowers almost finished.	Flowers almost finished.
Arachnorchis cardiochila.		Buds.
A. stricta.		Buds.
A. tensa.		Buds.
A. ssp.	Buds.	
Corunastylis tepperi.		Seed pods.
Cyrtostylis robusta.	Flowers.	Flowers.
Diplodium dolichochilum.		Flowers & seed pods.
D. erythroconchum.		Flowers.
D. robustum mallee variety.	Flowers.	
Diplodium hybrid 1.	Flowers.	
Diplodium hybrid 2		Flowers.
Diuris palustris.		Leaves.
Eriochilus sp. Hills woodland.		Leaves & seed pods.
Hymenochilus pisinnus.	Flowers.	Flowers.
H. calcicolus.		Mostly buds but 3 flowers.
Jonesiopsis capillata.	Many flowers.	Flowers; few. Many buds.
<i>Linguella sp. Hale</i> (R Bates 33950)	Flowers.	
L. sp. Mallee nana.	Flowers.	Flowers.
Plumatichilos sp. Mallee		Buds.
Bearded Greenhood.		
Pheladenia deformis.	Flowers.	Flowers.
Prasophyllum elatum.		Leaves to 48 cm.
Pyrorchis nigricans.		Buds.
Thelymitra antennifera		Buds.
Urochilus sanguineus.	Flowers.	Flowers.



Hymenochilus pisinnus Ferris-McDonald Cons. Park



Diplodium erythroconchum Monarto Conservation Park



Hymenochilus calcicolus Monarto Conservation Park

August 2012 Winning Photo

Rosalie Lawrence

Another good range of entries this month; including a 'ring-in', an *Epipactis palustris* (*palustris* meaning of the swamp) or Marsh helleborine from Britain. It is good to learn about orchids from other countries but technically, the photo competition is for Australasian orchids, which means it was pleasing to see a dendrobium spray taken at the 2007 Spring Show. This was our first entry of a dendrobium and we would like to see more.

Interesting of the ten entries by nine photographers only three of the photographers were present; and of the other six, three were from the country. As you can see you it is not necessary to attend the meeting to enter; just post, or better email <u>nossaorchids@hotmail.com</u> for us to print. If possible, but not essential, send the photograph with the same ratio as an A4 sheet.



Now to this month's winner: Claire Chesson's photograph of *Arachnorchis cardiochila*, Thick Lip Spider Orchid. There is quite a variety of colours with this species but they all have a distinctive heart shaped labellum hence the name *cardiochila*.

It grows in the sandy soils of the mallee and flowers in late winter/early spring. This species is one of the most widespread spider orchids in South Australia ranging from the west coast of Eyre Peninsula across to the upper South East and into the Eastern States, as far north as the Gawler Ranges and south to Kangaroo Island.

(Information can be found in *South Australia's Native Orchids* DVD-ROM, which can be purchased from the Secretary)

SEE YOU AT THE NOSSA SPRING SHOW 22-23 SEPTEMBER 2012 (Details in August Journal)



Corybas incurvus



Pterostylis erecta



Pterostylis curta



Pterostylis Joseph Arthur



Pterostylis curta



Pterostylis Dusky Duke





Pterostylis furcata x Ingens



Caladenia arenicola



Caladenia Spiderman



Glossodia major



Plants benched August 2012

1

photo's D. Hirst



Diuris magnifica



Sarcochilus spathulatus









Dockrillia teretifolia



Dockrillia teretifolia







2



Plants benched August 2012

photo's D. Hirst



Den. Annes Rainbow Surprise



Dendrobium Cheeky



Dendrobium Candice



Dendrobium Awesome [above & below]





Dendrobium Mini Spec



Dendrobium Jonathon's Glory 'Dark Joy'



Dendrobium Tyabb x Cobber



Dendrobium aemulum



Dendrobium Ellen 'North Mead'

Plants benched August 2012

3

photo's D. Hirst







Dendrobium Sparkler Storm

Dendrobium Glenn Star Dendrobium Star of Riverdene



Dendrobium Zip x falcorostrum

