

Journal of the

Native Orchid Society of South Australia Inc



Arachnorchis cardiochila

NATIVE ORCHID SOCIETY OF SOUTH AUSTRALIA POST OFFICE BOX 565 UNLEY SOUTH AUSTRALIA 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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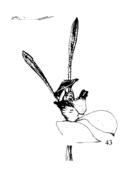
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The Native Orchid Society of South Australia meets every 4th Tuesday of the months February -November

NEXT MEETING 26th FEBRUARY 2008

Tuesday, 26 February, 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, trading table and to set up plants for show on the benches.

DIARY DATES

1st January 2008 Tuesday 26th February 2008

Subscriptions Due Next Meeting

NEXT COMMITTEE MEETING

Wed, January... 2008. Meeting commences at 7:30 p.m.

Plants benched November meeting

Epiphytes: (species) *Cymbidium madidum* (3 plants); *Cym. canaliculatum* (3 plants); *Sarcochilus hartmannii* (2 plants); (hybrids) *Cymbidium* Kuranda; *Dendrobium* Jesmond Dazzler; *Sarcochilus ceciliae* x Lois.

Terrestrials: (species) *Diuris drummondii* 'Buttery'; *Pterostylis decurva*; (hybrids) *Diuris brevifolia x sulphurea*; *Diuris punctata x drummondii*; *Diuris* Mule.

Judging results Grower

Epiphyte species

1stCym canaliculatum 'Murray Bridge Black'John & Bev Gay2ndCym canaliculatum var AlbaJohn & Bev Gay3rdDen canaliculatumBodo Jensen

Epiphyte hybrids

 1^{st} Sarcochilus ceciliae x Lois Wally Walloscheck 2^{nd} Den. Jesmond Dazzler Malcolm Guy 3^{rd} Cym. Kuranda Graham & Sue Zerbe

Terrestrial species

1st Diuris drummondii 'Buttery' Les Nesbitt

2nd Pterostylis decurva Les Nesbitt

No 3rd

Terrestrial hybrids

 1^{st} Diuris brevifolia x sulphurea 2^{nd} Diuris punctata x drummondii 3^{rd} Diuris Mule

Les Nesbitt

Les Nesbitt

Popular vote results

Epiphyte species

Cym canaliculatum 'Murray Bridge Black'

John & Bev Gay

Epiphyte hybrid

Sarcochilus ceciliae x Lois Wally Walloscheck

Terrestrial species

Diuris drummondii 'Buttery' Les Nesbitt

Terrestrial hybrid

Diuris punctata x drummondii Les Nesbitt

Orchid of the night

Cym canaliculatum 'Murray Bridge Black' John & Bev Gay

Commentary on terrestrials given by Les Nesbitt & on epiphytes by Reg Shooter.

FOR YOUR INFORMATION - NOSSA NEWS

WATERING IN THE SHADEHOUSE/GLASSHOUSE

A recent South Coast newsletter printed a letter from SA Water that was obviously a reply to an enquiry they made regarding watering in shade houses

If the glass house or shade house is fully enclosed (i.e. roof & walls are covered), the restrictions do not apply to the water used within them. This water use is classed as 'internal water use' which is not covered by the water restrictions.

Early in November nearly 50mm of rain fell on the grid. The rain came too late for most orchids. It did help the tiny green flowers of *Microtis uniflora* that were opening on a small colony of plants in the grid at that time. These plants have set seed and should result in lots of seedlings next year. The late rain has made the weeds grow tall. I have slashed the paths outside the grid. I am waiting for the last seed pods to mature before I slash the grid. Mid December slashing of orchid areas is the usual plan. By late November the first asparagus-like shoot of *Dipodium roseum* was seen in the grid. This brings to 23 the number of species that flowered in the grid this year.

They were: Acianthus caudatus, Caladenia carnea, Calda. latifolia, Calda tentaculata, Corybas incurvis, Cyrtostylis robusta, Dipodium roseum (hopefully), Diuris behrii, Diuris orientis, Diuris Pioneer, Eriochilus cucullatus, Glossodia major, Microtis unifolia, Pterostylis nana, Ptst. nutans, Ptst. pedunculata, Ptst. plumosa, Thelymitra grandiflora, Thel. juncifolia, Thel. luteocilium, Thel. nuda, Thel. pauciflora, Thel. rubra, It should not be too much longer when 30 Adelaide region species flower annually. Some that should flower easily are: Acianthus pusillus, Cyrtostylis reniformis, Diuris pardina, Diuris palustris, Microtis parviflora, Diplodium robustum, and Pterostylis curta.

The grid project proves that our native orchids can be reintroduced to a bushland setting. A large area is not necessary nor does soil type seem to be a determining factor. Most larger house blocks have gardens larger than 12m x 6m. No additional water is applied in stark contrast to my *Cymbidium* shadehouse that has to be watered every second or third day in summer. The most successful planting out method was to dig a hole just larger than a pot and transfer a potful of native orchids into the hole without disturbance, just fill around and water in. Another successful method was to dig a small hole 50 to 80mm deep and plant a dormant tuber or two in the hole and cover and tread down the soil firmly before watering in. Deflasking direct to the soil in spring was more hit and miss. *Thelymitra luteocilium* and *Glossodia major* were successfully deflasked and grown to flowering size but so far *Pterostylis sanguinea* has not survived a summer. Seed scattering is another method tried. It seems to be most successful if a mother plant is already growing there.

Essential maintenance is slashing to a height of 100mm in December and leaving the slashings as a mulch. I also follow no dig methods and minimal surface disturbance when removing foreign weeds. Native cherries, grasses and golden wattles are allowed to remain. All of the stringy bark and pine trees have been cut off in the grid. In other orchid areas on the ridge the gum trees have been left standing with the understory slashed around them. On a hot day in early summer with a gentle breeze blowing the old gum leaves fall like snow. These leaves form a mulch on the soil surface to reduce evaporation in summer. With the autumn rains the leaves are quickly broken down by fungi.

Several of our members have terrestrial orchids established in their gardens in Adelaide. If you have not tried yet, give it a go with some common fast multipliers from the tuber bank. You will have to control slugs and snails, weeds and scratching blackbirds.

Thelymitra cyanapicata Jeanes, another lost orchid species rediscovered

After reading Andy Young's article in the Oct issue of the NOSSA journal concerning the rediscovery of *Thelymitra matthewsii* in SA, on Kangaroo Island we can report on some more good news re the rediscovery of a second 'lost sun orchid' in SA.

When the endangered sun-orchid *Thelymitra cyanapicata* was described by Jeff Jeanes in 2005 this Adelaide Hills endemic had not been seen this century.

The Type location near Kuitpo on private property had been gradually destroyed since 1990 and the only other population in an unplanted section of Knott Hill FR had apparently disappeared under feral pines.

These feral pines and the adjacent plantation were clear-felled in 2005-6 and had been ploughed and sprayed with herbicide ready for replanting (illegally in this case as the sun orchids occurred on a peaty sand bog that had never been cultivated). Amazing as it may seem government departments are allowed to clear wetlands, an offence that would incur a huge fine to a private individual or company.

Surprisingly NOSSA members noticed in May 2007 that sun orchid leaves were appearing all over the clear-felled areas. DEH, TPAG, NOSSA and Forestry SA officials met and it was decided the plants would be marked in case any were the by now critically endangered *T. cyanapicata*. Surprisingly the area was replanted with pines anyway. Many plants were covered with plastic domes for protection in September.

At flowering time I visited and found that among the seven species of sun orchid flowering in this small exclusion zone there were at least three *T. cyanapicata*! It was not extinct at least.

As there was a similar block of felled pines nearby with thousands of sun orchid leaves and many rare plant species I checked it out and sure enough next to a Viminaria bog was a large population of almost one hundred *T. cyanapicata* along with some ten other sun orchid species. Scattered plants of *T. cyanapicata* occurred over the whole block. This small block rich with rare native plants lies between a native forest reserve and the road. It was visited by government officials, TPAG and NOSSA in mid October and it was determined that as it was only a small area with rich diversity it would not be planted to pines but be added to the reserve system as a special *Thelymitra cyanapicata* wetland reserve. It all sounds great but I have since heard that the block was sprayed with herbicide. If this is the case then we have a government department knowingly destroying rare plant habitat, a critically endangered orchid and a small wetland. Let's hope that this did not happen. In any case NOSSA will be fighting to ensure that the area with the endangered orchid is saved. Many thanks to those who have been involved so far in the effort to save the species.

FIELD TRIP REPORT – KUITPO FOREST 3/11/07 Thelma Bridle

After a night suited only to feathered ducks, NOSSA members ventured out under grey skies to look for duck orchids at Knott Hill. Our wet weather gear was very successful in keeping the rain away and we were rewarded with a few short breaks of sunshine. Along the firebreak many native plants were flowering including *Burchardia umbellata*, *Comesperma calymega*, *Brunonia australis*, everlasting daisies and *Stylidium graminifolium*. A large bagful of the non-native *Monadenia bracteata* orchid in flower was collected during the morning. *Orthoceras strictum* was in bud and it turned out to be an excellent season for the late donkey orchid, *Diuris brevifolia*. This species is endemic to SA and is restricted in range to the Fleurieu Peninsula and Kangaroo Island. Forty plants were counted, many with 4 flowers per spike. *Caleana major* was found on both sides of the track, one group with 20 flowering plants and as many immature leaves. The self-pollinating *Paracaleana minor* flowers a bit later. These were in bud and fewer in number.

At Chookarloo, *Gastrodia sesamoides*, the saprophytic cinnamon bells or potato orchid were flowering, with large numbers found amongst bark and leaf litter at the base of eucalypts.

Plants were up to 60cm tall with up to 19 flowers, which open successively and attract native bees for pollination on warmer days. Groups of up to 40 orchids were recorded. *Caladenia tentaculata*, *C. carnea* and *Calochilus robertsonii* were flowering in this moist area and many sun orchids, including late flowering *T. juncifolia* (narrow buds) were seen.

Orchid species recorded:

Caladenia carnea	(f)	Leptoceras menziesii	(1)
C. tentaculata	(f)	Microtis frutetorum	(f)
Caleana major	(f)	M. parviflora	(f)
Calochilus robertsonii	(f)	Nemacianthus caudatus	(s)
Cyrtostylis sp	(1)	Orthoceras strictum	(b)
Diuris brevifolia	(f)	Paracaleana minor	(b)
Diuris orientis	(s)	Pterostylis foliata	(s)
Gastrodia sesamoides	(f)	Pyrorchis nigricans	(1)
Glossodia major	(s)	Thelymitra albiflora	(s)
Leporella fimbriata	(1)	T. juncifolia	(b/s)
		T. rubra	(s)
		T sp	(s)

WA ORCHID SPECTACULAR 2008

Bulletin No 12. December 2007

This is the *Good News* Bulletin

Good News about the VENUE!!

All our venue problems have been amicably resolved with the management of the <u>Belmont Oasis</u> <u>Leisure Centre</u>. The Venue and date remain the same, with Setup on Thursday 25th September, open to the public from Friday the 26th September to Monday 29th (A Public Holiday) September.

Good News about the *Lecturer Program*!!

We now have 15 Overseas Speakers in the WAOS Lecture Program with the inclusion of David Dowd of The Bali Orchid Garden who will discuss Indonesian Orchids and their Conservation. The Bali Orchid Garden was founded and developed by David and Dorothy Dowd for PT Anggrek Anyar. New Zealanders and orchid enthusiasts, they drew the inspiration for their landscaping of the gardens from several internationally recognised Botanical gardens including Singapore's National and Mandai Gardens, several gardens throughout Thailand, as well as Kew and Birmingham gardens in England. David has had about 40 years with orchids including 8 years in Papua New Guinea where he was President of the PNG Orchid Society. They have been in Bali on and off for about 15 years and founded Bali Orchid Garden a little over 8 years ago. David will prepare a talk in association with Bogor National Botanic Garden as they work with them to produce and market Indonesian species flasks under a formal agreement. David will also be a vendor at WAOS with flasks of Indonesian Orchids. http://www.baliorchidgardens.com/

Good News about the Orchid Tours!!

The WAOS Four Day Orchid Tour is all sold out. – BUT! A new Wildflower and Orchid Four Day Spectacular Tour has been organised for those who missed out. Being run by Country Escapes in Western Australia Tours, this new tour will cover some of the same ground as the first. More information can be found here;-

http://members.iinet.net.au/%7Eemntee/Second_Orchid_Tour.htm

AND don't forget The One Day Orchid Tour, will be run on Sunday 28th Sept to see native Orchids growing in situ at various locations around the Perth metro area. A packed lunch is included. Almost two thirds of the seats are already booked!! Tour costs per person; A\$50 (Great value for money) No deposit is necessary for the One Day Orchid Tour at this time, but please confirm your reservation with Tony at:- waos@iinet.net.au

Good News about The SCHEDULE

It has finally been OK'd by the WA Judges Panel and can be downloaded at.... http://members.iinet.net.au/%7Eemntee/WAOS.html

Good News about the WAOS Speakers & Vendors

The 2008 WAOS is really something to shout about, and we are proud to take this occasion to have a large **BRAG** about our achievements so far!!. We now have **15 Overseas** Speakers from **8 different countries**, each a World Class Lecturer is their own right. And don't forget the **Six Australian Speakers** too. Where else can you find such quality **Orchid Experience** all in one place? These people are arguably the finest group of Speakers ever brought together for one Orchid Conference in Australia!!

You don't think so? Then where in Australia have you seen better?

Can you afford to miss **Arthur Chadwick** speak about Cattleyas? Or **Dr. Henry Oakeley's** travels through Peru? The Orchids of Ecuador through the eyes of **Pepe Portilla**? What about **Manolo Arias** expounding about the discovery & growing the infamous **Phrag kovachii**? Or the wonders of **Mike Tibb's** take on the Orchids of South Africa? This is but a small taste of the exotic group that you have the opportunity to mix with at the **WA Orchid Spectacular & Conference 2008.**See them all here;- http://members.iinet.net.au/%7Eemntee/WAOS_Speakers_Page.htm

And where else have you seen **13 Overseas** Vendors all at the one Conference?? (And the list is growing) Can you afford not to be there? Do you really want to miss out on those lashings of loverly orchids? Will you hate yourself afterwards?? Of course you will!!

So bite the bullet and get your act together!! Register NOW!! (Before you are too late)

Good News about the Early Bird REGISTRATION

You Still Have Time to Get Them in!!

But only until the **31st of January 2008!!** (It's closer than you think)

You can get your Registration form through the WAOS Web Site at;

http://members.iinet.net.au/%7Eemntee/WAOS_Registration.htm

or ask your Club Secretary to obtain a copy for you. (Many Orchid Societies have included a WAOS Registration form with their newsletter!! Good for them!!)

Good News about WAOS Prizes

The Grand Champion will receive a \$1000 prize and the Reserve Champion \$500. The winner of the Best Display will be awarded a \$200 prize with 20 other \$100 Championship prizes. More information with the Schedule on the WAOS Home Page at;-

http://members.iinet.net.au/%7Eemntee/WAOS.html

For any queries or questions, please write to, the Secretary, PO Box 4076, Alexander Heights, WA 6064, or email waos@iinet.net.au

To be included on our emailing list for further Bulletins, please contact Tony at waos@iinet.net.au

Tony Watkinson Publicity WAOS 2008

Plant #3 - Dendrobium Sarah Jane 'Purvis'

This is a plant that the late John Purvis gave me just before he passed away. Because it is a special plant to me, I cut an old cane into three pieces to produce a back-up plant, just in case my piece of the original fell foul of the orchid gremlins.



As you can see, it is the least developed of the three plants featured in this article.

And yet, the parent plant has produced two magnificent new growths in the same period.

I feel that the 12.5% of Den. bigibbum and 12.5% of the hot growing Den. tetragonum var. giganteum have influenced this. This new growth has probably encouraged since been the relocation from Adelaide to Brisbane where the temperature differences overnight are more subtle than in the Adelaide Hills where the plants were previously cultivated. The two hot growing species in the plant's background were probably held back by Adelaide's much cooler overnight temperatures.

Anyway, this is purely conjecture on my behalf. What is important is that I now have a developing back-up plant for one that I treasure dearly.

SUMMARY

The thrust of what I have written is simple – don't give up on treasured plants that look like they have expired, because there is always hope so long as the canes haven't turned into fermented mush!

The technique is as simple as cutting canes into lengths where you have at lease three, preferably four, segments from which new growths will materialise. Use sterilized cutting tools to avoid contamination of the canes. Once the new growths have emerged, give them time to produce healthy root systems and let the new canes harden before potting-on. The best time I have found to pot-on the new growths is early autumn.

N.O.S.S.A Tuber Bank for 2007/2008 Jane Higgs

Available to financial members only! Closing date for orders is the last mail on the 2nd of January 2007. Tubers will be posted on the 20th January 2007.

I thank all growers who have generously promised tubers, which need to reach me by the 8^{th} of January.

NOTE; 50 lots in all.

Circle each lot number that you wish to order & mark 'Sub' by any that you would like if your first choice is not available. Lots will have from 2-10 tubers depending on supply & demand. Tubers in short supply will be issued on a first come first served basis. Please record the provenance of tubers you receive if known.

Price per lot is \$1.00. An additional charge of \$4.00 for postage & handling costs applies.

POST ORDER TO; J Higgs

P.O. Box 134

MYPONGA. S.A. 5202

	Sub	TUBER BANK ORDER	LOCALITY
		FORM	DATA
1		Acianthus pusillus	
2		Chiloglottis formicifera	
3		Chiloglottis aff. truncata	
4		Corysanthes diemenicus	
5		Corysanthes hispida	
6		Corysanthes incurvis	
7		Diplodium abruptum	
8		Diplodium coccinum	Mt.l Hamilton. Vic
9		Diplodium laxum	
10		Diplodium laxum	Burgonia NSW
11		Diplodium obtusum	
12		Diplodium obtusum	Kincumber NSW
13		Diplodium revolutum	

14	Diplodium revolutum	Biragambil Hills NSW
15	Diplodium robustum	
18	Diuris orientis	Kuipto SA
19	Diuris orientis yellow form	Sth Belgrave Vic
20	Diuris sulphurea	C
21	Eriochilus culcullatus	Lyndoch SA
22	Leptocerus menzesii	,
23	Leptocerus menzesii	Kuipto SA
24	Microtis unifolia	1
25	Prasophyllum carmosan	
26	Pterostylus Bantum	
27	Ptst. baptistii 'Janney"	
28	Ptst. curta	
29	Ptst. curta	Flinders Ranges SA
30	Ptst. curta - variegated leaf	
31	Ptst. Cutie 'Harold's Pride'	
32	Ptst. Dusky Duke	
33	Ptst. erecta	
34	Ptst. foliata	Kuipto SA
35	Ptst. furcata	
36	Ptst. (furcata x ingens)	
37	Ptst. Hoodwink	
38	Ptst. Joseph Arthur	
39	Ptst. Nodding Grace	
40	Ptst. nutans	
41	Ptst. pedunculata	
42	Ptst. pedunculata	Bittwood SA
43	Ptst. pedunculata	Kuiplto SA
44	Ptst. pedunculata	Marble Hill SA
45	Ptst. procera	
46	Ptst. Trunkfish	
47	Taurantha ophioglossa	Red Banks Plains Q.
8	Taurantha ophioglossa	
49	x Taurodium furcillatum	
50	Thelymitra (nuda x rubra) limited	

TUBER BANK ORDER FORM

Price per lot \$1.00	Name:	
lots = \$	Address:	
Plus \$4.00 postage & packing		
Total of order \$	State	Post Code:
Cheque/Money Order to be made payable	e to N.O.S.S.A.	(in Australian Dollars)

Native Orchid Society of South Australia Inc



P.O. 565 Unley S.A. 5061

SUBSCRIPTIONS 2007

Those receiving a journal by **POST** \$20 per year

Those receiving a journal by **Email** \$15 per year

Membership for **Students** remains at \$10 per year and **Juniors** \$5 per year

For members joining at any time during the year, membership will now be based on a pro rata system. Email members will pay \$15 for the first and second quarters, \$10 for the third quarter and \$5 for the last quarter. Likewise members receiving a POSTED copy will pay \$5 per quarter.

Please note subscriptions are due and payable with effect from 1st January

	Post Code
NAME: Dr / Mr / Mrs / Miss / Ms	
I/We wish to renew membership of the Society.	

Payment should be made to the Native Orchid Society of South Australia Inc. & forwarded to: The Treasurer, N.O.S.S.A. Inc, P.O. Box 565, Unley. S.A. 5061.

If you have already paid or are a life member please disregard this advice. Receipts are only issued upon request.

OVERSEAS SUBSCRIBERS

You are requested to pay in Australian Dollars.

Due to the high cost of collection, monies paid in other currencies will not cover a subscription for the full year.





Sarcochilus ceciliae x Lois

ABOVE & BELOW **Dendrobium Jesmond Dazzler**









Photos: by D Hirst

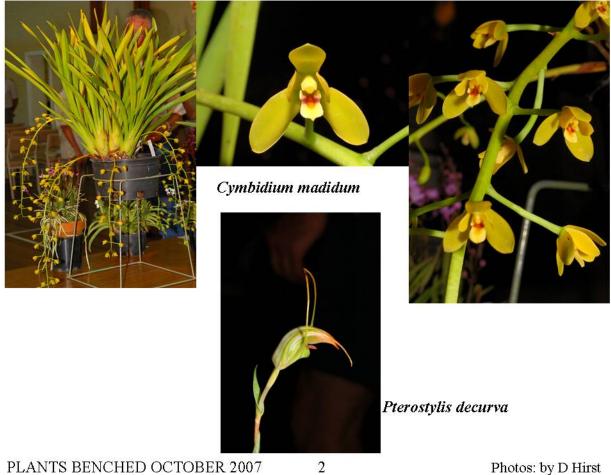
Dendrobium canaliculatum



Cymbidium canaliculatum



Cymbidium canaliculatum "Murray Bridge Black"







Diuris punctata x drummondii

Diuris Mule









Diuris brevifolia x sulphurea

BELOW: Diuris drummondii 'Buttery'



PLANTS BENCHED OCTOBER 2007



Photos: by D Hirst