



Journal
of the
Native Orchid Society
of
South Australia Inc



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

NEXT MEETING 27 OCTOBER 2009

Tuesday, 27 October, St Matthew's Hall, Bridge Street, Kensington. Meeting starts at 8:00 pm. Doors to the hall will be open from 7:15 p.m. to allow Members access to the Library and the trading table. Two main events are scheduled for the October Meeting;

- 1) The speaker for the meeting is Roger Herraman, on *Cymbidium canaliculatum*.**
- 2) The Sarcanthinae Show.** We would like to see as many sarcs as growers can bring along.

DIARY DATES

October 31st.	Lobethal sun orchids and <i>Gastrodia</i>
November 8th	Duck Orchid Special .
24th November	ANNUAL ACTION & XMAS RAFFLE
Sunday 29th November	Annual BBQ

NEXT COMMITTEE MEETING

Thurs, 29th October at the home of Bodo Jensen. Meeting commences at 7:30 p.m.

SEPTEMBER MEETING

Plants Benched

Epiphyte Species: *Dendrobium gracilicaule*; *Dendrobium kingianum* (2 plants); *Dockrillia striolata* (2 plants); *Sarcochilus falcatus* .

Epiphyte Hybrids: *Dendrobium* Anne's Rainbow Surprise; *Den.* Bardo Rose; *Den.* Colonial Blush; *Den.* Dainty Gem; *Den.* x Delicatum (2 plants); *Den.* x Gracillimum (2 plants); *Den.* Ellen (2 plants); *Den.* Jonathons Glory; *Den.* Minispeck.

Terrestrial Species: *Caladenia tentaculata* (8 plants); *Glossodia major*; *Microtis* sp.; *Pyrorchis nigricans*; *Pterostylis anaton*; *Oligochaetochilus arenicola*; *Olig. bisetus*; *Olig. pusillus*.

Terrestrial Hybrids: *Thelymitra* Kay Nesbitt.

Judging Results

Open div epiphyte species

- 1st *Dockrillia striolata* 'Ruffles'
2nd *Dockrillia striolata*
3rd *Dendrobium kingianum* 'Lipstick'

Second div epiphyte species

- 1st *Sarcochilus falcatus*
No 2nd or 3rd

Open division Hybrids

- 1st *Dendrobium* Bardo Rose
2nd *Dendrobium* Jonathons Glory
3rd *Dendrobium* Colonial Blush

Second division Epiphyte Hybrids

- 1st *Dendrobium* x Gracillimum
2nd *Dendrobium* Dainty Gem
3rd *Dendrobium* x Delicatum

Open division Terrestrial species

- 1st *Oligochaetochilus arenicola*
2nd *Caladenia tentaculata*
3rd *Glossodia major*

Second division Terrestrial species

- 1st *Caladenia tentaculata*
2nd *Caladenia tentaculata*
3rd *Caladenia tentaculata*

Open division Terrestrial Hybrid

- 1st *Thelymitra* Kay Nesbitt
No 2nd or 3rd

Popular vote results

Open division Epiphyte species

Dendrobium kingianum 'Bigfoot'

Open division Epiphyte hybrid

Dendrobium Jonathons Glory

Second division epiphyte species

Sarcochilus falcatus

Second division Epiphyte Hybrids

Dendrobium x Gracillimum

Open Division Terrestrial species

Oligochaetochilus arenicola

Second division Terrestrial species

Caladenia tentaculata

Open division Terrestrial Hybrid

Thelymitra Kay Nesbitt

Plant of the night

Oligochaetochilus arenicola

Plant commentary on Terrestrials given by Les Burgess & on Epiphytes by John Gay

Grower

Steve Howard
Wally Walloscheck
Russell Job

Kris Kopiki

J & B Gay
J & B Gay
Wally Walloscheck

Janet Adams
Janet Adams
Janet Adams

Malcolm Guy
Malcolm Guy
David Pettifor

Bill Dear
Bill Dear
Bill Dear

David Pettifor

J & B Gay

J & B Gay

Kris Kopiki

Janet Adams

Malcolm Guy

Bill Dear

David Pettifor

Malcolm Guy

FOR YOUR INFORMATION - NOSSA NEWS

N.O.S.S.A. FIELD TRIPS

NOSSA are doing surveys of Forestry SA reserves in the South-East October 26th, 27th, 28th and that anyone wishing to participate needs to contact the secretary for further details.

October-November Field Trips

***Oligochaetochilus* sp Rock Ledges Special:** (Adelaide Hills)

The dates for this trip in the second half of October are not finalised so please contact Rob Bates if you would like to attend and he will keep you posted.

Lobethal sun orchids and *Gastrodia* October 31st. Meet Lobethal Bushland Park lower carpark at 9am and bring a picnic lunch. Visiting Porters Scrub and Carey Gully after lunch.

Duck Orchid Special November 8th. Meet Ashbourne Hotel at 10 am. Stopping at Kuitpo on the way home!

XMAS RAFFLE

All members are asked to contribute to our Annual Christmas Raffle. Last year over \$100 was raised to contribute to NOSSA's funds. It would be great if most of the items could be brought to the October Meeting, if not the last receiving date will be at our last meeting and Christmas Supper Night in November. Please check that packet and tinned food do not have over due dates

More contributions mean more prizes can be offered as was the case last year.

Thankyou - Faye Eaton

TUBER BANK

Tubers (or, at this stage, promise of prospective tubers) are urgently needed for the Tuber Bank. Could you please let me know if you will have any, and what they are, as soon as possible, so that I can compile a list before December. Thank you. Contact details are as follows:-

Jane Higgs
Phone no. 08 85586247
P.O. Box 134
MYPONGA. S.A. 5202
email: jhiggs@activ8.net.au

Christmas BBQ

Sunday 29th November

Details and a mud-map will be in the November Journal. A show of hands from those intending to attend may be looked for at the next meeting.

The Mt Lofty Botanic Gardens Walk on Sunday October 11th was the first of two public tours to raise awareness of our local orchids and to introduce families to them. Eight enthusiastic people including one couple from Kadina were shown around by four NOSSA members, John & Liz Bartram and David & Rosemary Hirst (see p. 86). The second walk was held on Saturday 17th (after printing of journal). We saw *Caladenia tentaculata*, *Diuris pardina* and *D. orientis*, *Microtis* and *Thelymitra carnea* in flower. Other species of sun orchids (very numerous) were still in bud. David Hirst

The Next NOSSA Judges Meeting will be Sat Nov 7 at 18 Cambridge St
Vale Park at 9.30am.

NOSSA Sarcanthinae Show 2009

Held at October monthly meeting [Tuesday 27th]

Show Schedule

NOSSA *Sarcochilus* Show Schedule October 2009

Class	Description
1	<i>Sarcochilus hartmannii</i>
2	<i>Sarcochilus falcatus</i>
3	<i>Sarcochilus fitzgeraldii</i>
4	Other <i>Sarcochilus</i> Species
5	Other allied species
6	Specimen species
7	Seedling - species 1 st flowering (Mark with a white ribbon)
8	<i>Sarcochilus</i> Fitzhart
9	<i>Sarcochilus</i> Hybrid – predominately white
10	<i>Sarcochilus</i> Hybrid – white with red centre
11	<i>Sarcochilus</i> Hybrid – pink/red
12	<i>Sarcochilus</i> Hybrid – yellow/green
13	<i>Sarcochilus</i> Hybrid – any other colour
14	Intergeneric hybrid including a <i>Sarcochilus</i>
15	Specimen hybrid
16	Seedling - hybrid 1 st flowering (Mark with a white ribbon)
	Grand Champion of the show

Bring in all your sarco plants for a good showing and a chance for a prize or two.

ARTICLES/ITEMS FOR THE NEXT JOURNAL
Closing date is Friday 6th November

Terrestrial Tips for November

Les Nesbitt

Ease off on the watering as plants go dormant and let the pots dry out completely. The old roots and tubers will then dry up and not go mushy and rot. After the first week of November it is hard to keep pots wet unless watered daily.

You may have to cover pots temporarily with plastic sheeting if thunderstorms are forecast, as hot wet conditions are ideal for rot to take hold and spread.

Prepare for the repotting season. Check stocks of pots, sieves, sand, soil, leaf litter and blood & bone fertiliser.

Check pods daily and pick as they start to go brown just before they split open. Some species split while still green eg *Chiloglottis*. Pods ripen quickly on hot north wind days and the fine seed falls out. Store the pods in a paper envelope inside over summer.

Pull out the dead flower stems of large plants and close the hole at the surface with your fingers. This prevents excess water running down the stem to the top of the tuber when watering adjacent plants. The last thing you want is to rot out the shoot on the new tuber. Repot large tuber orchids first.

Add an extra layer of shade cloth to lower pot temperatures over summer.

Microtis flower in early November with lots of tiny green flowers. I remove the seedpods from this species and from *Thelymitra pauciflora* before they develop seed. Otherwise they will come up as weeds in all the other pots next year.

Spring Show Report 2009

Les Nesbitt

The number of plants was down a bit this year as many epiphytes had finished flowering. It was a good year for *Dendrobium speciosum* flowers but they were at their best for the Royal Show two weeks earlier and not for NOSSA Show. The number of exhibitors was up this year which is very encouraging. A big thank-you to Jane Higgs and Lesley Gunn for a very attractive floor display. Who will give them some competition next year?

Bubs Wells and Wally Walloscheck arranged the best tabletop display at the show entrance and set a high standard for the rest of us to try to achieve. Other table top displays were by Les & Eric Nesbitt, Steve Howard, Allan Jennings, Kris Kopici, L & M Burgess, Bill Dear & M & L Guy, Bodo Jensen, Noel Oliver, J & B Gay, G & J Burford, Janet Adams, E Viskic & R Job, David Pettifor and P & M Hockey. Without your efforts there would be no show.

A good crowd saw the show on Saturday and bought most of the plants on the trading table and the bags of bark packed by Bodo. A steady stream of people came on Sunday for a more leisurely look at the show and to learn more about native orchids.

Major Prizewinners - NOSSA Spring Show 2009

Name of Plant	Grower
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Champion Terrestrial Species (Roy Hargreaves Trophy)

<i>Pterostylis arenicola</i>	Malcolm & Libby Guy
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Champion Terrestrial Hybrid (Kay Nesbitt Trophy)

<i>Pterostylis</i> Hoodwink	Jane Higgs
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Champion Epiphytic Species (The Wells Trophy)

<i>Dockrillia striolata</i> 'Ruffles'	Steve Howard
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Champion Epiphytic Hybrid (AOC Trophy)

<i>Dendrobium</i> Annes Rainbow Surprise 'Sari'	John & Bev Gay
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Champion Novice Terrestrial Species (Margaret Fuller Trophy)

<i>Caladenia tentaculata</i>	Kris Kopicki
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Champion Novice Epiphytic Species (Margaret Fuller Trophy)

<i>Dendrobium</i> Dainty Gem	Janet Adams
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Grand Champion of the Show (NOSSA Trophy)

<i>Pterostylis arenicola</i>	Malcolm & Libby Guy
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Ira Butler Trophy Nomination (Hybrid)

<i>Dendrobium</i> Annes Rainbow Surprise 'Sari'	John & Bev Gay
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Bill Murdoch Trophy Nomination (species)

<i>Pterostylis arenicola</i>	Malcolm & Libby Guy
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Les Nesbitt Award Nomination (species)

<i>Pterostylis arenicola</i>	Malcolm & Libby Guy
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Reg Shooter Award Nomination (hybrid)

<i>Dendrobium</i> Annes Rainbow Surprise 'Sari'	John & Bev Gay
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G. Herman Slade Award Nominations (Australasian)

No entry	
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Champion Floral Art

Class Name	Arranger
Restaurant Table Centrepiece	Janet Adams

Best Floor Display

Display #2	J. Higgs & L. Gunn
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Best Tabletop Display

Display #1	B. Wells & W. Walloscheck
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Field Trip report: Wirrabara Native Forest Reserve Flinders Ranges
September 2009, by R. Bates



L to R, Jackie Crampton (Forestry SA) , Cathy Houston (Secretary), Irene (hidden), June Niejalke, Peter McCauley, Barb Bayley, Mal Houston, Dianne Richman and Ken Bayley

Ten people attended this five day visit to the 20 km long reserve which adjoins Telowie Gorge CP on the west and Beetaloo Reservoir reserve in the south. We were lucky to be accompanied by Forestry SA scientist Jackie Crampton and this gave us vehicle access to the whole park and free luxury accommodation in the old Wirrabara Forest school-house with its log fires appreciated on the cold nights.

Over fifty orchid species were recorded and the park complex is home to the largest populations in existence of several local endemic species. *Arachnorchis saxatilis*, the rock spider-orchid is restricted to the southern Flinders and as many thousands of flowers were seen it was the highlight of the trip. Close behind in popularity was *Jonesiopsis flaccida*, the ridiculously slender painted daddy long legs. No one has ever seen so many of this beauty before. Telowie Gorge nearby is the type location of the endangered *Petalochilus xantholeucus* which has not been seen for twenty years.

Other species seen in better numbers than ever before included *Arachnorchis leptochila* ssp *dentata*, *Diuris behrii*, *Hymenochilus nemoralis*, *Petalochilus coactilis*, *Plumatichilos* sp Woodland (the woodland plumed green-hood), *Thelymitra batesii* and the Flinders Ranges subspecies of *Thelymitra grandiflora*. It really was a glut of orchids and the many unexpected finds included a patch of the rare *Pterostylis curta* on the ridge-top growing with two helmet orchids *Corysanthes incurvus* in good flower and a new record for the Flinders Ranges *Corysanthes diemenicus*. We were surprised at the frequency of *Eriochilus* sp 'Hills', leaves only, *Diuris palustris*, mostly in seed and *Bunochilus viriosus*.

There were plenty of adventures in shifting fallen trees off the tracks, tricky creek crossings and avoiding the threat of sliding backwards off the steep tracks while the ridge-top views across the upper Spencer Gulf and fertile farmland from Mt Ellen Lookout were inspiring. We soon became blasé over the huge numbers of common orchids like *Pheladenia*, *Cyrtostylis*, *Diplodium* and the ever present leaves of *Oligochaetochilus* spp and sun orchids galore, although it was interesting to see a dwarf form of *Caladenia latifolia* with tiny bright single flowers in good colonies on then ridge track.

We did not care so much that we could not find any endangered *Arachnorchis gladiolata*, *A. flindersica* and *A. gladiolata*, after all some of us had seen plenty of those a few days earlier in Alligator Gorge.

There were many species not yet in flower including fifteen sun orchids and six *Microtis* spp, some of them not named.



Barb Bayley, *Petalochilus coactilis*, the Spaniards Block

A complete illustrated report of all wildflowers and orchids seen is available on cd from R. Bates

***Arachnorchis (Caladenia) rosella* Conservation Effort**

text and photo by Dr. Randall W. Robinson

There are only about 140 known *Arachnorchis (Caladenia) rosella* in the wild. They are found in two areas in the world near Melbourne, Australia. One of those habitats was slated for development. The conditions on the developer have proved too great for him to meet and he is in the process of selling the block of land. Local residents, the [Dunmoochin Foundation](http://www.dunmoochin.org/) and the [Trust for Nature](http://www.trustfornature.org.au/) have expressed interest in purchasing the land. Subsequently, there is a proposal to form a consortium of people and groups to purchase the land. Even with all the pooled resources, there is not enough money to make the purchase and manage the plants. We are dedicated to save this special wild orchid species, but we need financial help. Both the [Trust for Nature](http://www.trustfornature.org.au/) <http://www.trustfornature.org.au/> and the [Dunmoochin Foundation](http://www.dunmoochin.org/) <http://www.dunmoochin.org/> are charitable trusts. You can contact either one.

Cam Beardsell is a very strong advocate for this beautiful species. Over the past 25 years, Cam has been the lone caretaker of this precious orchid. He has protected most of the plants from the Choughs' and rabbits' diets. The weeds that appear near the plants have been meticulously removed by hand. To read and explore more about *Arachnorchis (Caladenia) rosella* and the people trying to save it visit <http://www.orchidconservationcoalition.org/pr/arosella.html>



The Orchid Conservation Coalition (OCC) is a grassroots organization made up of people, orchid societies, and orchid businesses dedicated to raising awareness and money for orchid conservation.

***Arachnorchis (Caladenia) rosella* habitat saved!**

Good news, the habitat of *Arachnorchis (Caladenia) rosella* in Australia that Dr Randall Robinson wrote about has been purchased. A philanthropist that read the article on the Orchid Conservation Coalition website donated the additional funds needed to purchase the habitat. The purchase of the land happened on May 23, 2009 by a coalition of the Trust For Nature, Dunmoochin Foundation, the local people and the very generous philanthropist. After the successful auction bid there is enough money left over for management of the habitat.

Dr Robinson says, "We went through too many bottles of champagne after the auction! Needless to say we are all just over the moon. Thank you so much for your input. The monies we gained through the philanthropist that found us through your website tipped us over the edge and allowed us to have a wonderful outcome."

Everyone should be proud of the successful preservation of the habitat of *Arachnorchis (Caladenia) rosella*. There are only about 140 known plants in the wild. So this purchase is very important. It is a good example of how networking and getting information out about orchid conservation can make a positive impact. Thanks to all the people, orchid societies, businesses, and conservation organizations involved in the Orchid Conservation Coalition may we continue to have successes.

Extracted from <http://www.orchidconservationcoalition.org>

The Truth about *Corysanthes diemenica* and *C. dilatata*.

R. Bates

During a recent 4 week survey of helmet orchids in the SL region NOSSA members examined flowers from thousands of colonies of the common helmet orchid and compared them with published images of *Corysanthes diemenica*, *C. dilatata* and *C. grumula* in a dozen books as well as pressed plants from the State Herbarium. Only one conclusion could be reached ie all three are variations of a single species.

Corysanthes diemenica Lindley is hereby reinstated as the correct name for all SA material and the other two species are relegated to synonymy.

For those who keep up with these things you will note that this argument has been had before but this time it is final and no correspondence will be entered into!



Looking at Orchids in grassland of The Mt Lofty Botanic Gardens
photo: Rosemary Hirst



Oligochaetochilus pusilla



Oligochaetochilus biseta



Pterostylis anatona



Pyrorchis nigricans



Caladenia tentaculata



Thelymitra Kay Nesbitt

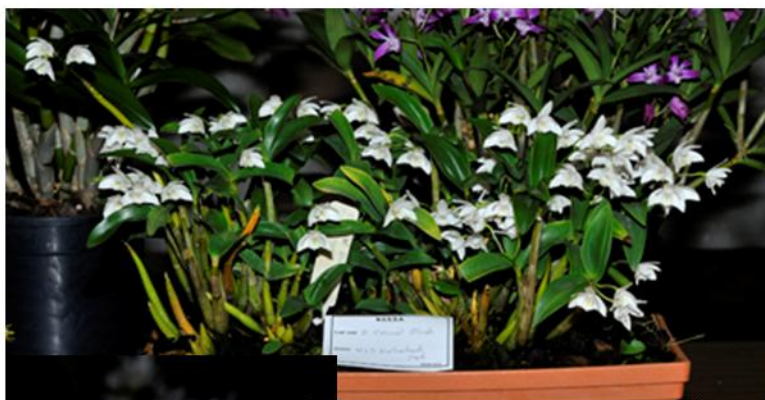




Dendrobium Bardo Rose 'Pink Delight'



Dendrobium Annes Rainbow Surprise



Dendrobium Colonial Blush



Dendrobium Dainty Gem





Dendrobium Ellen Lorna



Dendrobium x *gracillimum*

Dendrobium x *gracilicaule*



Sarcochilus falcatus



Dendrobium kingianum 'Bigfoot'



Dockrillia striolata



Dockrillia striolata 'Ruffles'

