



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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Front cover from an original drawing of *Caleana major* by Helen Lawrence. Used with her kind permission.



**JOURNAL OF THE
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DECEMBER 2012 VOL. 36 NO 11

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

NEXT MEETING 28 FEBRUARY 2013

NEXT MEETING

Tuesday, 28 February 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 speaker for the February meeting will be Bodo Jensen on the Botanic Gardens.

DIARY DATES

**Dec 29th Saturday
2nd February 2013**

Raywood Nursery & Talisker CP for *Dipodium*
Spiranthes on Fleurieu Peninsula

NEXT COMMITTEE MEETING

29th January 2013

At the home of Robert and Rosalie Lawrence at 24 Patricia Avenue, Camden Park

Judging results for November Meeting

Epiphytes benched

Species: *Cymbidium canaliculatum*; *Cymbidium madidum*; *Dendrobium canaliculatum*; *Sarcochilus fitzgeraldii*; *Sarcochilus hartmanii*; *Sarcochilus olivaceous*.

Hybrids: *Sarcochilus* Fitzhart; *Sarcochilus* Sunspot; *Sarcochilus* Cherie x Peter Jackson.

Terrestrials benched;

Species: *Phaius tankervilleae*

Judging results

Epiphyte species Open division

1st *Cymbidium canaliculatum*

2nd *Cymbidium madidum*

3rd *Sarcochilus hartmanii*

Grower

Les Nesbitt

Steve Howard

Les Nesbitt

Epiphyte Hybrid Open division

1st *Sarcochilus* Fitzhart

2nd *Sarcochilus* Sunspot

3rd *Sarcochilus* Cherie x Peter Jackson

Les Nesbitt

Les Nesbitt

Les Nesbitt

Epiphytes Species or Hybrids 2nd division:

None benched

Terrestrial species Open division

1st *Phaius tankervilleae*

No 2nd or 3rd

Les Nesbitt

Terrestrial hybrids Open division

None benched

Terrestrial Species 2nd division

None benched

Terrestrial Hybrid 2nd division

None benched

Popular vote

Terrestrial species: *Phaius tankervilleae*

Les Nesbitt

Epiphyte Species: *Cymbidium canaliculatum*

Les Nesbitt

Epiphyte Hybrid: *Sarcochilus* Cherie x Peter Jackson

Les Nesbitt

Plant of the night:

Cymbidium canaliculatum

Les Nesbitt

Plant commentary on terrestrials given by Les Nesbitt & on epiphytes by Noel Oliver.



FOR YOUR INFORMATION - NOSSA NEWS

Upcoming Field Trips

All field trips commence at 10:00 AM

Date	Site	Orchids	Meeting Place
Dec 29 Saturday	Raywood Nursery & Talisker CP	Dipodium	Delamere Store, corner Main South Road & Cole Road, Delamere.
6 Jan Sunday			CANCELLED due to low spring rains.
2 February Saturday	TBA	Spiranthes	* Please see separate information regarding registration and meeting place.

An Orchid Field Trip to see *Spiranthes* on Fleurieu Peninsula is planned for 2nd February 2013.

As the area has sensitive sites, it has been decided to limit the numbers of participants. Anyone wanting to attend will need to register with Wendy Hudson, Field Trip Co-ordinator who will supply details of meeting time and place. This trip will be limited to members only. Preference will be given to members who haven't seen this species.

Wendy can be contacted on 8251 2762 or 0434 863 969.

2013 MEMBERSHIP NOTICE

Members who wish to pay 2013 Membership Fees electronically should e-mail NOSSA Treasurer on nossatreasurer@hotmail.com

You will receive banking details so that you can complete your subscription. Please remember to include in your e-mail any change of address details.

Marj Sheppard, Treasurer

Annual Christmas Barbeque Report

We had a beautiful day for the Annual Christmas Barbeque, and we were able to set up the tables and chairs outside. There were only 16 people who were able to attend, but we had a good time and, needless to say, there was plenty of food.

Most of the orchids on the property had already finished because the season has been so contrary, but the people who went on the walk through the swamp after lunch were able to see *Pterostylis falcata* in flower and there were several set pods also.

All in all it was a most enjoyable day.

Jane Higgs

Scott Creek Conservation Park Field Trip

Robert & Rosalie Lawrence

On an overcast, cool Saturday 13 October six of us met at the car park at the old Almanda Mine. The park was full of cars from a large walking group, but we didn't meet any of them as we went in the opposite direction. Our target was to find *Thelymitra grandiflora*. In the vicinity of the Echidna Track, we located a population of plants with mature flower spikes, but the weather was not warm enough for the flowers to open. The tallest was measured at 106 cm tall with 47 buds. This beat the record of other *T. grandiflora* plants seen recently by Bevin Scholz. John and Lorraine Badger returned the next day when it was a bit warmer and were able to photograph it opened which just goes to show what a difference a day makes.

Obviously the timing of the fire at this location suited these orchids, but in other areas burnt in recent weeks orchids were growing up to the burnt margin but were not seen in the blackened areas. It will be interesting to see if these areas recover in the same way.

Other orchids seen in flower were *Microtis arenaria* and the spider orchids, *Arachnorchis leptochila* and *A. tentaculata*. *Pterostylis nutans* were mostly finished or in capsule and there were a few *P. pedunculata* still in flower. Flowers of *Diuris orientis* were looking tired and faded and there may have been some finished flowers of *D. pardina*. We did not find any *Diuris* with swollen ovaries, but many of the flowers were spent. *Plumatichilos* sp. Woodland Bearded Greenhood were also past their best. Only one *Caladenia carnea* was seen in flower. *Linguella* sp. Hills nana were generally finished flowering with only their leaves showing.



Closed – One day

(John & Rosalie measuring the tallest spike)



Opened – Next day

The last *Diuris behrii* flower faded on 19th October. Ten of the largest flowering plants were hand pollinated between 24th September and 4th October. Nine pods are developing. The 10th pod got broken off. Pods will be checked every few days in November and harvested just before they split open. An attempt was made to pollinate the largest swan orchid plant but the flowers were small and close to the ground so it was difficult to see if the tiny pollen was deposited correctly. No pods resulted.

Tubers were removed from 35 clones between 27th Sept and 5th October. The largest tuber from each clone was planted in a 150mm pot to carry on the clone. The plants with their old tubers attached from 34 clones have been potted in 125mm pots to grow on until dormancy. Hopefully many small new daughter tubers will be produced. Any very small plants were replanted in the 125mm pots along with the tuber removed plants. Two small tubers with yellow leaves up to 100mm long were discovered completely buried in the heavy clay soil. This soil retains moisture remarkably well. Despite a dry September/October, hand watering of the small bags with rain water did not commence until 27 October.

56 daughter tubers have been potted up in 100mm pots for reintroduction to the mine site rehabilitation areas next winter. In addition there are 37 pots of lilies, ferns and *Microtis* for reintroduction next year.

It is expected that these numbers will double when repotting is done in the summer dormant season.

Mount Lofty Botanic Gardens Walk 2012 Report

Rosalie Lawrence

This is the third year, that NOSSA has conducted public walks in the Mount Lofty Botanic Gardens which are ably led by Bodo Jensen. On one walk he was introduced with “Bodo has come all the way from Germany to tell us about our Australian orchids”. Someone asked him how long he had been in Australia. In true Bodo style he responded “oh, not long only about 43 years”.

Flowering time was a little later this year. On the first walk, instead of seeing *Arachnorchis tentaculata* in flower they were still in bud but *Diuris pardina* flowers were in greater number than previously. On the last walk when we expect to showcase the *Thelymitra*, the buds were tightly closed including the *T. rubra* which on previous years has been open even on the cooler days. Many expected species were not seen at all as last year the area was slashed a day or two after NOSSA’s last walk.

Attendance this year was down a little bit but we still had a mix of local, interstate and international visitors on our walk. The response from those attending continued to be one of delight and amazement.

Though not on the walk, NOSSA received an email from an English visitor who envying our orchids asked the question – *Why do Australian orchids have such colourful names such as the golden donkey orchid and the graceful spider orchid while we, in Manchester, have to make do with the early purple orchid, the common spotted orchid and the northern marsh orchid?*

As with previous years it can well be expected that next year’s orchid count will be different again depending on the many variables such as the weather that they are affected by.

November 2012 Winning Picture

Rosalie Lawrence

The November meeting was our final competition for 2012 and we almost had a theme. It was a tug of war between four *Bird* orchids and the four *Others* with the winner being shared from each side, as well as both sides sharing equal second.



On the *Bird* side, Pauline Meyer's *Simpliglottis valida* (Large Bird or Frog Orchid) was first followed by David Horsell's *S. cornuta* (Green Frog Orchid).

Pauline photographed this orchid on a recent holiday to the Grampians. As she tells the story, they attended a Wild-flower show where she saw some potted bird orchids. Her thought "Ah, Robert* said look at the leaves", which she duly did. They reminded her of the emerging two leaves of a cucumber or melon seedlings. Subsequently at a morning tea stop she went looking, spotted the leaves first, and then a bit later, lo and behold found a flowering plant! There were not many plants and she only saw two flowers that trip. She had been told that they were not common in the Grampians and one local said they had never seen one!

On the *Others* side, David Pettifor's *Calochilus paludosus* was first followed by Lorraine Badger's *Thelymitra grandiflora*. David's entry was in a glass frame. It was a photograph he'd taken many years ago with film.

Vulnerable in South Australia, the common name for *C. paludosus* is Red-beard or Swamp Bearded Orchid – the name reflecting its swampy habitat. Flowering in October to November, the flower is easily distinguished by its lack of eye-like glands on the column base and coppery labellum hairs.



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

*Robert is author of *Start with the Leaves: A simple guide to common orchids and lilies of the Adelaide Hills* which also is available for purchasing.

Remember, entries can be sent via post or email nossorchids@hotmail.com

Other Entries in the 2012 Picture Competition

Rosalie Lawrence

As a large number of the NOSSA membership is unable to attend the meetings, the next two issues will feature some of the other entries to the Picture Competition. The commentary on the pictures has provided an opportunity for members attending to learn something more of our native orchids. Members have mainly entered terrestrial pictures with only one or two non-terrestrials. Any Australian orchid picture is eligible.



One of only two non-terrestrials, this floral display was taken at one of the Spring Shows.



An example of a *Corysanthes* capsule. This elongation assists with seed dispersal.



The three views of this white *Pheladenia deformis* allows us to view more features of the flower. The more information, the better it is for identification.



It doesn't need to be in flower as seen in these *Cyrtostylis reniformis* leaves. Many species can be identified from the leaves alone.



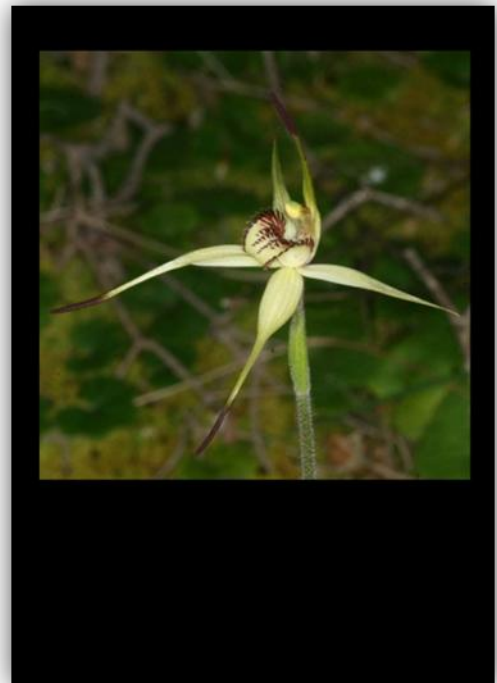
printed photograph.



from Tasmanian Native Plant Nursery as *Simpliglottis gunnii* but turned out to be a *S. triceratops*.



This *Elythranthera brunonis*, Purple Enamel Orchid from WA features a pixie with thigh boots – not readily seen with the naked eye but quite cute when enlarged to A4!



Sometimes, as with this *Arachnorchis richardsiorum*, the file cannot be made to fit an A4 ratio and a border is used.



Thelymitra circumspecta, one of the last of the summer flowering sun orchids, is found in swamps.

N.O.S.S.A Tuber Bank for 2012/2013

Jane Higgs

Available to financial members only! Closing date for orders is the last mail on the 2nd of January 2013. Tubers will be posted during the week beginning the 7th January 2013.

I thank all growers who have generously promised tubers, which need to reach me during the first week of January.

NOTE; 28 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 \$7.00 for postage & handling costs applies.

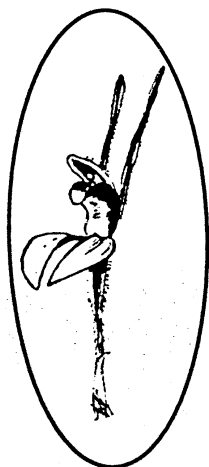
POST ORDER TO; J Higgs
P.O. Box 134
MYPONGA. S.A. 5202

TUBER BANK LIST 2012/2013

	Qty	Subs	Name	Comments/Provenance
1.			<i>Acianthus pusillus</i>	
2.			<i>Caladenia latifolia</i>	Kuipto SA
3.			<i>Chiloglottis trapeziformis</i>	South Australia
4.			<i>Diplodium. laxum</i>	Bungonia NSW
5.			<i>Diuris orientus</i>	Kuipto SA
6.			<i>Diuris orientus yellow</i>	Belgrade Vic
7.			<i>Dipl. reflexum</i>	
8.			<i>Diplodium truncatum</i>	Lara Vic
9.			<i>Microtis unifolia</i>	
10.			<i>Pterostylis acuminata</i>	
11.			<i>Ptst. curta</i>	
12.			<i>Ptst. curta</i>	Lake Paramatta NSW
13.			<i>Ptst. curta</i>	North Warrandyte
14.			<i>Ptst. furcata</i>	
15.			<i>Ptst. hildae</i>	Warrumbungles NSW
16.			<i>Ptst. nutans</i>	Myponga SA
17.			<i>Ptst. nutans</i>	Vellingbo Vic
18.			<i>Ptst. obtusa</i>	Karcumba
19.			<i>Ptst. pedunculata</i>	
20.			<i>Ptst. pedunculata</i>	Kuipto SA
21.			<i>Ptst. pedunculata</i>	Marble Hill
22.			<i>Ptst. truncata</i>	
23.			<i>Ptst. Bantam</i>	
24.			<i>Ptst. Dusky Duke</i>	
25.			<i>Ptst. Dusky Duke</i>	Tasmania
26.			<i>Ptst. Hoodwink</i>	
27.			<i>Ptst. Joseph Arthur</i>	
28.			<i>Taurantha concinna</i>	Fernbay NSW
29.			<i>Taurantha ophioglossum</i>	
30.			<i>Serapias lingua</i>	European terrestrial

Tuber Bank ORDER FORM

Name:	
Address:	
State.....	Postcode.....	
#.....lots	(Price per lot \$1.00)	= \$.....
	Plus \$7.00 postage & packing	
Total of order		\$.....
Cheque/Money Order to be made payable to N.O.S.S.A. (in Australian Dollars)		



Native Orchid Society of South Australia Inc

P.O. 565 Unley S.A. 5061

SUBSCRIPTIONS 2013

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 new members receiving a POSTED copy will pay \$5 per quarter.

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

I/We wish to renew membership of the Society.

NAME: Dr / Mr / Mrs / Miss / Ms _____

Post Code _____

Email: _____

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.

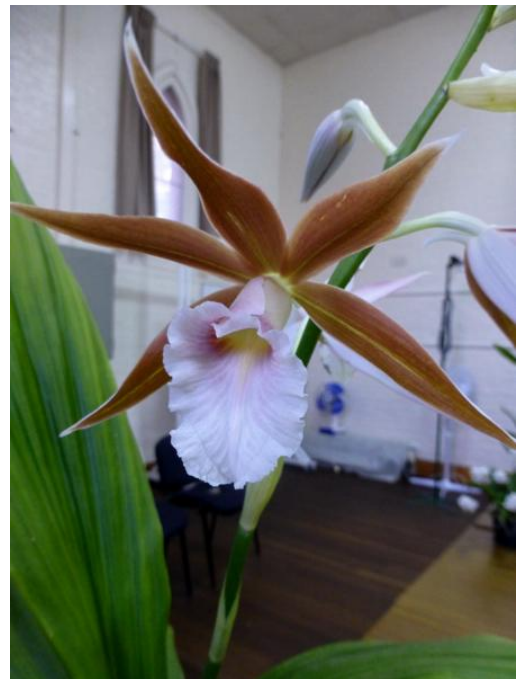
OVERSEAS SUBSCRIBERS

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.



Phaius tankervilleae



As I was not at the November Meeting photos were taken by a number of other members and passed on to me.

I have not the details indicating which photo was taken by whom. (Editor)



Cymbidium canaliculatum



Cymbidium suave



Cymbidium madidum

Dendrobium canaliculatum





Sarcochilus fitzgeraldii



Above & Below
Sarcochilus hartmanni



Above & Below
Sarcochilus olivaceus

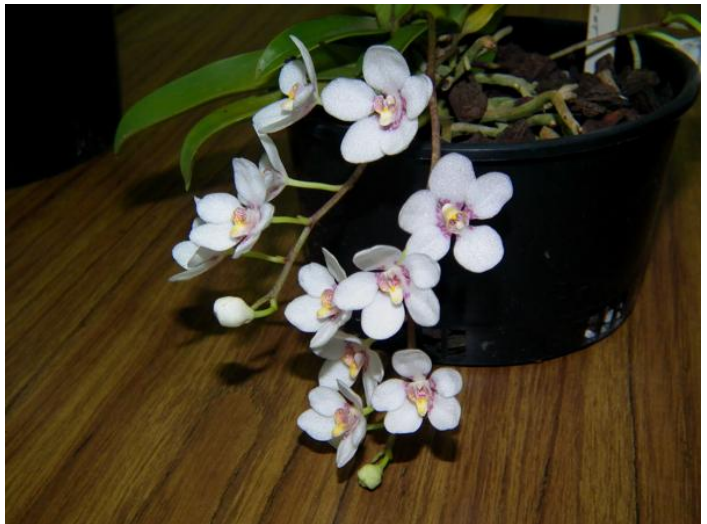




Sarcochilus Fitzhart
Above & Below



Sarcochilus Cherie X Peter Jackson



Sarcochilus Sunspot



Sarcochilus on the bench