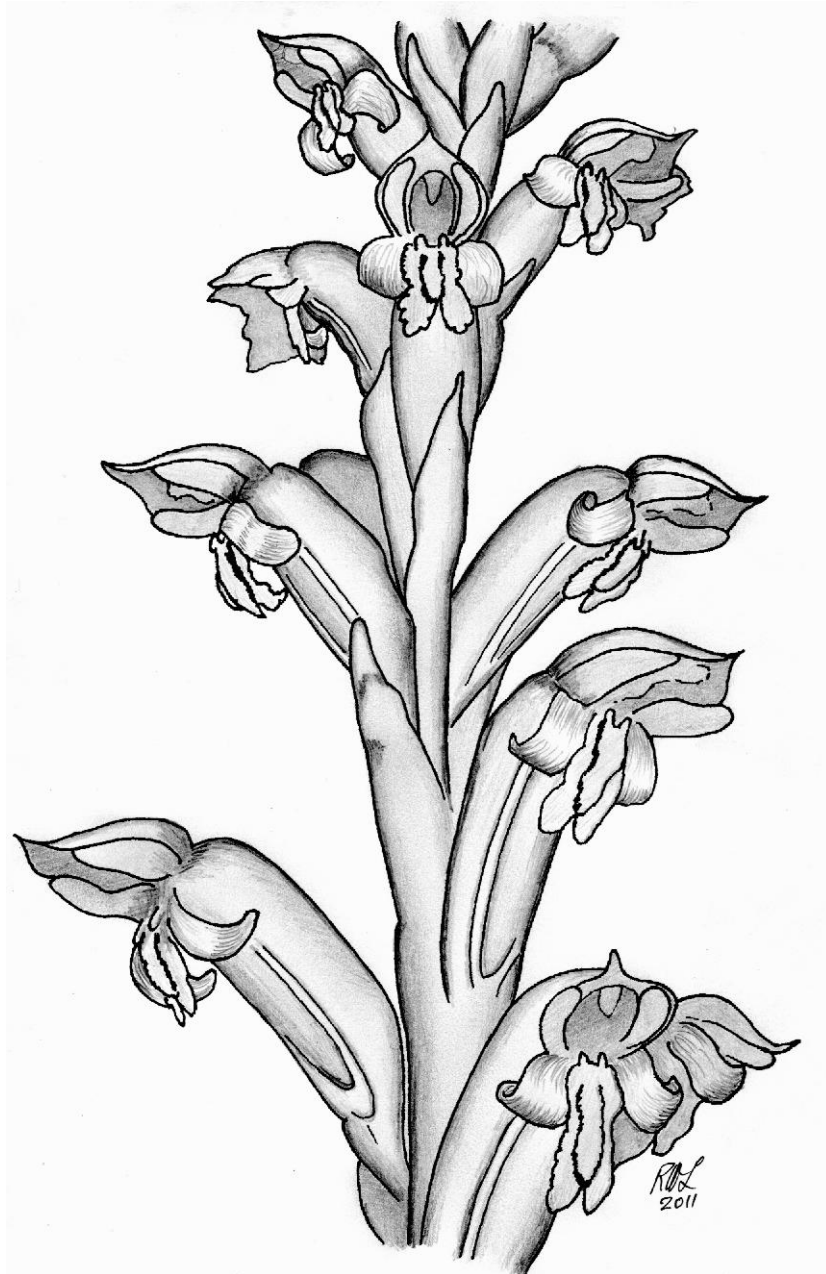




Journal
of the
Native Orchid Society
of
South Australia Inc



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, while taking all due care, take no responsibility for loss or damage to any plants whether at shows, meetings or exhibits.

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Front cover from an original drawing of *Microtis arenaria* by Robert Lawrence. Used with his kind permission.



**JOURNAL OF THE
NATIVE ORCHID SOCIETY
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SOUTH AUSTRALIA INC.**

SEPTEMBER 2011 VOL. 35 NO 8

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

NEXT MEETING 27 SEPTEMBER 2011

Tuesday, 27 September, 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 Speakers for the September Meeting of which I believe there will be three members will each speak on their orchids .

DIARY DATES

Sept Sat 24th Whites Scrub, Carey Gully
October 15th Scott Creek sun-orchid trip

NEXT COMMITTEE MEETING

Tues, 4th October. Meeting commences at 7:30 p.m. at the home of Robert and Rosalie Lawrence, Camden Park.

Judging results AUGUST meeting

Epiphytes benched (Not all Epiphytes have been listed this month).

Dendrobium aemulum; *Den.* Brinawa Charm; *Den.* Brolga 'Roberta'; *Den.* Burgundy Cream; *Den.* Elegant Heart; *Den.* Elegant Heart x Aussie Victory; *Den.* Elegant Heart x Red River; *Den.* Gilleston Jazz x Zeppelin; *Den. gracilicaule*; *Den.* Copperblaze Bronzy *tetragonum*; *Den. kingianum* 'Keb x James'; *Den.* [(*speciosum* x *kingianum*) x Gai Ellen]; *Den.* Teresa Doran; *Den. tetragonum* v *melaleucaphilum*; *Dendrobium* Tie-dye x Ruthford Blushing Bride; *Den.* Tooloom; *Den. trilamellatum*; *Den.* Victorian Bride 'Genisis'; *Den.* Zip x *falcorostrum*.

Terrestrials benched

Acianthus caudatus (2 plants); *Caladenia* Fairy Floss; *Cal. latifolia* (white); *Cal.* Spiderman; *Chiloglottis platyptera*; *Chilo.* x *pescottiana*; *Cyrtostylis oblonga* (NZ); *Diuris behrii*; *D. conspicullata*; *D. lanceolata*; *D. orientis*; *D. pardina*; *Glossodia major*; *Oligochaetochilus* 'Halbury'; *Pterostylis* Bantam; *Ptst. curta* (4 plants, one variegated); *Ptst.* Hoodwink (2 plants); *Ptst.* Ingens; *Ptst. nutans* (2 plants, one white); *Ptst. pedunculata*; *Ptst. plumosa*; *Taurantha concinna*; *Thelymitra nuda* (Tall White).

Judging results

Epiphyte hybrid Open division

- 1st *Dendrobium* Victorian Bride 'Genisis'
2nd *Dendrobium* (Elegant Heart x Aussie Victory)
3rd *Dendrobium* (Elegant Heart x Red River)

Grower

John & Bev Gay
Bodo Jensen
John & Bev Gay

Epiphyte species Open division

- 1st *Dendrobium trilamellatum*

Bodo Jensen

Epiphytes Species 2nd division

- 1st *Dendrobium tetragonum*
2nd *Dendrobium aemulum*
3rd *Dendrobium gracilicaule*

Kris Kopicki
Kris Kopicki
Kris Kopicki

Epiphytes Hybrids 2nd division

- 1st *Dendrobium* (Lynette Banks x Miara)
2nd *Dendrobium* (Tie-dye x Rutherford Blushing Bride)
3rd *Dendrobium* (Gilleston Jazz x Zeppelin)

Bill Dear
Bill Dear
Bill Dear

Terrestrial hybrids Open division

- 1st *Pterostylis* Hoodwink
2nd *Pterostylis* Hoodwink
3rd *Chiloglottis* x *Pescottiana*

Les Nesbitt
M & L Guy
Jane & Don Higgs

Terrestrial species Open division

- 1st *Pterostylis plumosa*
2nd *Acianthus caudatus*
3rd *Diuris conspicullata*

Les Nesbitt
J & D Higgs
M & L Guy

Terrestrial species 2nd division

- 1st *Acianthus caudatus*
2nd *Diuris orientis*
3rd *Chiloglottis platyptera*

Bill Dear
Kris Kopicki
Kris Kopicki

Terrestrial hybrids 2nd division

- 1st *Pterostylis* Bantam

Janet Adams

Popular vote results

Terrestrial Species Open division

Diuris conspicullata

M & L Guy

Terrestrial Hybrid –

Chiloglottis x *pescottiana*

J & D Higgs

Terrestrial Species 2nd division

Acianthus caudatus

Bill Dear

Terrestrial hybrids 2nd division

Pterostylis Bantam

Janet Adams

Epiphyte species Open division

Dendrobium trilamellatum

Bodo Jensen

Epiphyte Hybrid open division

Dendrobium (Elegant Heart x Red River)

John & Bev Gay

Epiphyte species 2nd division

Dendrobium tetragonum

Kris Kopicki

Epiphyte Hybrid 2nd division

Dendrobium Zip x *falcorostrum*

Jan Adams

Plant of the night

Acianthus caudatus

Bill Dear

Plant commentary on terrestrials given by Jane Higgs & on epiphytes by John Gay.

August Speaker:

Senior Meteorologist, Darren Ray of the SA Climate Section of the Bureau of Meteorology (BOM) gave a talk and powerpoint show on 'Climate Change and South Australia'. A series of well presented graphs and calculations left little doubt that climate change with global warming has resulted from increased carbon levels. The sharp increase in recent years is alarming. Darren also explained what the gases do and how they interact with the environment. A well set out talk.

FOR YOUR INFORMATION - NOSSA NEWS

FIELD TRIPS

NB: Please check the NOSSA website for any changes to field trip schedules. www.nossa.org.au coming field trips

1 The YP trip will be on website only. The weekend away survey in Sept will have details from Cathy.

2: I am leading a trip to Whites Scrub Carey Gully on Sat Sept 24th. Meet at Uraidla shops at 10am for morning only, easy walk. Details from Cathy Houston.

3 There is a Scott Creek sun-orchid trip on October 15th. Meet Almanda Mine at 10 AM and bring picnic lunch. Details from Bob Bates.

NEXT JUDGES MEETING

October Saturday 1st at Les Nesbitt's, 18 Cambridge St Vale Park commencing at 9:30.

ARTICLES / ITEMS FOR NEXT JOURNAL

Articles / items for the September journal need to reach the Editor by Friday Oct 7th.

ANNUAL REPORT TO THE AUSTRALASIAN NATIVE ORCHID SOCIETY TO AUGUST 2011

Members of the Native Orchid Society of South Australia have been active in many aspects of orchidology during the past year.

The activities of the Society were focussed following the development of a three year plan. This was completed by the middle of 2010 and saw the establishment of a number of subcommittees to oversee the various activities with a view to the long term sustainability and unity of the Society.

The **Show Subcommittee** oversaw the Annual Spring Show in September, this being the centrepiece of the societies public profile. The displays may not have been as spectacular as previously, but it was a respectable show and most of the plants taken for selling were bought by the public who attended. This event is also an important fund-raiser for the society. This subcommittee oversaw participation in the Spring & Autumn Shows of the Australian Plant Society. There was a NOSSA information booth at the ABC garden show and we participated in the “Water Wise at Wittunga Botanic Garden day” organised by the Friends of the Botanic Garden.

The **Growers Subcommittee** has sought to encourage growers in a climate of declining numbers. The proportion of proceeds for growers selling plants at shows was increased from 75 to 80%. A tuber bank is maintained as a source of new terrestrial plants, particularly with the view of getting new growers established.

The **Conservation and Terrestrial Studies Subcommittee** continued to be active in a number of ways:

Orchid surveys were conducted for Forestry SA in the South East of the state. One large forest was surveyed in 2010 and smaller forests in 2011. These have involved walking all tracks and sullyng into compartments where possible. Surveys involved two or three visits each year.

Surveys were conducted for private landholders and reports and photographs were supplied.

Working bees were conducted in association with the Threatened Plant Action Group. Four are conducted per year at Belair National Park for improving habitat for the nationally endangered *Pterostylis cucullata* (Leafy Greenhood). An annual working bee was conducted at Grange Golfcourse to protect and monitor *Pterostylis arenicola* (Sandhill Greenhood) this being nationally vulnerable and locally endangered. On York Peninsula a working bee was conducted in conjunction with a local Friends group for the nationally endangered *Caladenia intuta*. In the Clare district work was done to protect the nationally endangered *Caladenia argocalla*.

NOSSA has also collaborated with the Department for the Environment and Natural Resources in a number of projects including Regional Orchid Assessment Workshops and the Lofty block Threatened Orchid Project. The latter aims to work on 13 nationally threatened orchid species. The project involves on ground work as well as taking part in decision making regarding the welfare of these species.

Field trips have been organised throughout the year for members and others interested in orchids. There have also been a number of talks given to outside groups and organisations.

The **Website Subcommittee** has overseen the establishment and maintenance of a new version of a website. This is updated with information on events and has a couple of recent articles.

The **Education Subcommittee** has organised a series of three Orchid walks in the Mount Lofty Botanic Gardens as an annual event, this being so well patronised in its second year. The three walks are held in September and October to cover a variety of orchid flowers. These walks are held in conjunction with the Mount Lofty Gardens Spring Events.

Members are also working on a brochure of 20 common orchids of the Adelaide region for free distribution to the general public.

In order to get more members involved in the society a monthly picture competition was inaugurated in 2011. Members have started to enter photographs and artwork and there has been a popular vote at general meetings. Winning pictures have featured in the Journal.

The **Publications Subcommittee** saw the continued high quality production of the Journal of the Native Orchid Society of South Australia Inc.

The **Membership Subcommittee** continued to provide a trading table and raffles at general meetings and these made a significant contribution to the interest of meetings.

The **Disc Publication Sub-editing Subcommittee** was convened during 2011 to oversee publication of a new publication of South Australia's Native Orchids. This will be reproduced on data DVD discs and these are scheduled for release at the Spring Show on 24-25 September 2011.

The overarching **Management Committee** continued to provide an interesting variety of topics at the monthly general meetings. There was a practical demonstration various techniques of growing both epiphytic and terrestrial orchids. Speakers were varied and were all interesting. There were talks on *Dendrobium* species, a summary of the 6th Australasian Native Orchid Conference and Show at Newcastle in 2010, an overview of terrestrial orchids, an informative talk on viruses affecting orchids and a talk on re-introducing threatened orchids to the wild. There were also general interest topics including the history of Afghan Cameleers in South Australia and a summary of climate change.

The Native Orchid Society of South Australia is providing support for the publication of a new book called 'Start with the Leaves – A simple guide to common Orchids and lilies of the Adelaide Hills.' This is scheduled to be printed by the end of September 2011 and it is hoped that this will make a significant impact in the interest in local orchids in the broader community.

In short, this has been a full and productive year for the Native Orchid Society of South Australia Inc.

Robert Lawrence
Honorary Secretary

Report on an orchid walk with the Normanville Natural Resource Centre

Robert Lawrence

On Saturday 27 October there was an excursion to Nixon Skinner Conservation Park organised by Wendy White, the Coordinator of the Normanville Natural Resource Centre. There were 17 participants as well as Wendy, Joseph Lawrence and myself. None of these had been on the previous walk on 23 July, so this was very much an initial introduction for most of them.

I began with finding and digging up a weedy **Disa bracteata* (Monadenia /**South African Weed Orchid**) and showing them the twin tubers.

We found a range of common orchids including *Pterostylis pedunculata*, *P. nutans* and *Cyrtostylis reniformis* in flower. There was an abundance of *Nemacianthus caudatus* in flower and more than half of the group were like me and could not detect the odour which was obvious and unusual to the others. There was a *Pyrorchis nigricans* in flower, which somebody had found for us before our visit, and others were in bud. We found leaves of other species including those of the *Anzybas unguiculatus* that were in flower in the last visit as well as *Corysanthes diemenica*, *Thelymitra* species, *Glossodia major* and at least one *Arachnorchis tentaculata*. At the end of the walk we found a colony of *Leporella fimbriata* with both single and double leaves.

Generally the participants were surprised by the number of orchids and they were aware how difficult it is to avoid standing on them when walking through bushland. Most, if not all, were interested in finding more about the local native orchids in the future, so the walk was successful in education and promotion of native orchids. Some participants are landholders who will be able to look at their own areas from a new perspective.

Thanks were expressed to NOSSA in their latest Newsletter.

NOSSA Field Trip Report to Williamstown Aug 14th

Bob Bates

Fifteen members and friends including Miisha and Colin Rowan from Melbourne met at Williamstown on a perfect winters day and headed to Hale CP for the walk up to Lookout ridge. A winter burn had damaged the orchids near the start of the walk but as we went on lots of little greenhoods *Linguella*' Hills' *nana* were found in clumps of up to 20 in full flower. There were hundreds of leaves of green comb spider orchids in leaf or early bud. Thousands of mossie orchids were seen past flowering with a few red seed capsules and it was pleasing to see *Bunochilus viriosus* in flower as many of us had seen four other *Bunochilus* during our South-East survey 2 weeks before. So here we were looking at a fifth species, one endemic to SA. The most common orchid seen was *Urochilus sanguineus* the maroon banded-hood in late flower and seed and the rarest *Diplodium robustum* in late flower.



Corysanthes diemenica the veined helmet **RB**

We reached the ridge track and the orchids changed soon enough and amidst mallee wildflowers we found our first *Diuris pardina* in flower and as an added bonus the brilliant blue fairies *Pheladenia deformis* were reflecting the colour of the sky.

Ostensibly this trip was about *Corysanthes* the helmet orchids which are fairly sparse on ridgetops like this so imagine our surprise in finding a colony of *Corysanthes despectans* with a tiny flower or two for the photographers. After further study we decided the plants may have been a new *Corysanthes* species that is soon to be named. This species had never been recorded for Hale CP. All around them were *Cyrtostylis* the gnat orchids and next in line along the track *Linguella* sp. 'Mallee nana' with tiny brown striped flowers on smooth skinny stems quite different from the hairy stemmed Hills nana. There used to be a third undescribed *Linguella* along this track, one named as *Linguella* species 'Hale' which sadly died out in a local extinction event just two years earlier. In addition to these we saw several plants of *Corunastylis* sp 'Adelaide Hills' in seed and *Diplodium* sp 'Adelaide Hills' in late flower. That's right five species of undescribed orchid on a single 400metre ridge line track!

Our Victorian friends asked what the narrow spider orchid leaves were and were told they were red spider *A. reticulata* and white spider *A. rigida* and instantly Miisha spotted a distressed flower of the latter right along-side the track. The photographers took shots of a bright blue lake in the distance. Leaves of a dozen different *Thelymitra* species were seen with one *T. antennifera* in late bud. We never even bothered to guess what the many *Microtis* leaves might have been.

After finding our twelfth orchid species in flower we were happy to head back to the cars and drive five k's to Jenkins Scrub NFR near Little Mt Crawford. After a quick lunch we

ambled through thousands of veined helmet orchids *Corysanthes diemenica* in late flower or already collapsed and an equal number of *Corysanthes incurva* in full flower. It was noted that all helmet orchids in the area had smaller flowers than usual. We had hoped to find a variety of colour forms and the hybrid *miscella* but apart from a spotted *C. diemenica* not much variation was noted. We were lucky to see some rare butterfly lilies, *Wurmbea latifolia* ssp *vanessae* still in flower and to make up for the lack of hybrid helmet orchids one member volunteered to take some of the group to nearby Sandy Creek to see the rare *Corysanthes dentata* which would have rounded out the day nicely.



Bunochilus viriosus Lorraine Badger

Closeup John Badger



NOSSA Monthly Orchid Picture Display and Popular Vote– July and August Meeting Results (by Geoff Borg)

NOSSA's July and August General Meetings saw the Orchid Picture Display and Popular Vote continue to grow.

The results of the popular vote for the July meeting were:

1. **Robert Lawrence** with a photo of *Prasophyllum elatum*
2. **Helen Lawrence** with a photo of *Corysanthes diemenica*
3. **Deborah Furbank** with a photo of *Caladenia latifolia*

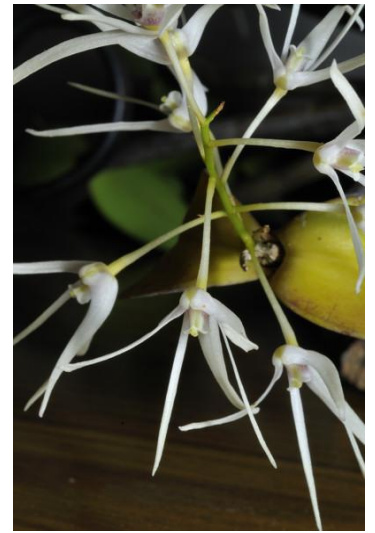
The results of the popular vote for the August meeting were:

1. **June N** with a photo of *Caladenia latifolia*
2. **Keelan Ranaford** with a photo of *Diurus pardena*
3. **Marj Sheppard** with a photo of *Diuris palustris* from Mt Crawford

This competition is open to all NOSSA members and entries can include pictures in any media of Australian Native Orchids created by a NOSSA member. If you need help getting your picture to the meeting you can post or e-mail it to the NOSSA Secretary before the meeting and we will make sure the image is displayed for the popular vote competition. We look forward to seeing your entries at the next NOSSA General Meeting.



Dendrobium trilamellatum



Dendrobium aemulum



Den. tetragonum



Den. Lynette Banks x Miara



Den. Elegant Heart x Red River



Den. speciosum x kingianum x Gai Ellen



Den. Copperblaze x tetragonum



Den. Zip x falcorostrum



Den. Elegant Heart x Aussie Victory



Den. Victorian Bride 'Genisis'



Den. Tooloom



Den. Tie-Dye 'Big Lip' x Rutherford Blushing Bride



Den. Brolga var. Roberta



Den. kingianum x James



Dendrobium Gilleston Jazz x Zeppelin



Den. Burgundy Cream



Den. Tie-Dye x Rutherford Blushing Bride

Left & Above
(2 plants)



Den. Teresa Doran



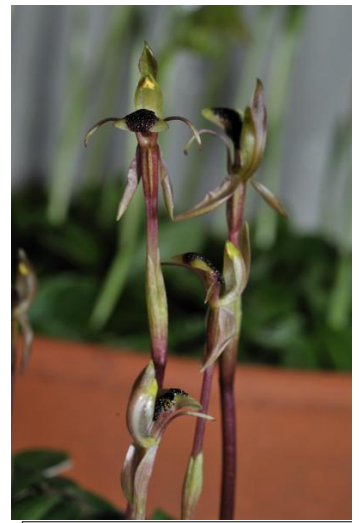
Dendrobium Brinawa Charm



Acianthus caudatus



Cyrtostylis oblonga



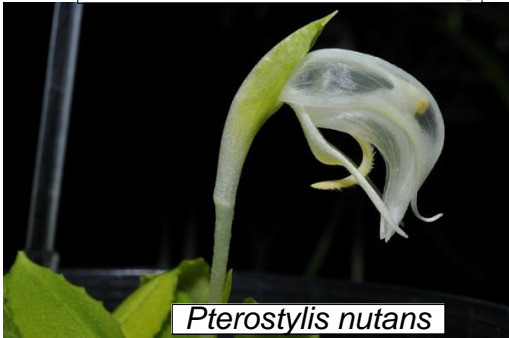
Chiloglottis platyptera



Acianthus caudatus [2nd div.]



Pterostylis nutans



Pterostylis nutans



Oligochaetochilus 'Halbury'



Pterostylis Hoodwink



Pterostylis plumosa



Diuris behrii



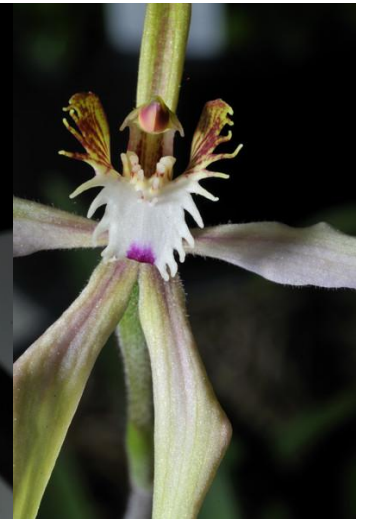
Diuris conspicullata



Diuris orientis



Diuris behrii



Caladenia Spiderman



Caladenia Fairy Floss



Caladenia latifolia



Glossodia major