

Native Orchid Society of

South Australia Inc.

Journal



NATIVE ORCHID SOCIETY OF SOUTH AUSTRALIA INC.

PO Box 565,
UNLEY SA 5061

The Native Orchid Society of South Australia promotes the conservation of native orchids through cultivation of native orchids, through preservation of naturally-occurring orchid plants and natural habitat.

Except with the documented official representation from the Management Committee of the native orchid society of South Australia, no person is authorised to represent the society on any matter.

All native orchids are protected plants in the wild. Their collection without written Government permit is illegal.

PATRON: Mr T.R.N. Lothian

PRESIDENT:

Mr Gerry Carne
Telephone: 332 7730

SECRETARY:

Mr R. Bates
Telephone: 289 2305

VICE-PRESIDENT:

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TREASURER:

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Mr R. T. Robjohns
Mr L. Nesbitt
Mr D. Wells
Mr J Simmons (deceased)
Mr H Goldsack (deceased)

EDITORS:

R. Bates & V. Maloney
8 Buckley Crescent
Fairview Park S.A. 5126
Telephone 289 2305

REGISTRAR OF JUDGES:

Mr L. Nesbitt

TUBERBANK CO-ORDINATOR:

Mr & Mrs T. O'Neill
Telephone: 43 6535

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NATIVE ORCHID SOCIETY OF SOUTH AUSTRALIA INC

NOVEMBER 1996 Vol. 20. No. 10 JOURNAL

NOVEMBER MEETING

Tuesday, 26th November 8.00 pm: at St Matthews Hall, Bridge Street, Kensington.

This meeting is the Christmas breakup AUCTION AND SUPPER

This will be the last meeting for 1996 and a terrific evening it will be! This evening will begin at the normal time of 8pm with our annual auction, under the hammer of Les Nesbitt.

This is a major fund-raiser for the Society and a great opportunity for Members to acquire orchids and other plants, books etc at super low prices. Bring any surplus plants, books, preserves, etc that you would care to donate to the auction, as well as some cash to purchase some of the many bargains that will attract you.

Bring a plate to share. Coffee, tea and cordial will be provided. A feast we all look forward to each year. All members are of course very welcome.

There will be no meetings of the Society in December and January. The first meeting of 1997 will be Tuesday 25 February.

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Subscription Increase for 1997

Due to the rising cost of maintaining our monthly Journal (printing and postage), additional costs we must now pay to hire the hall for our meetings, and in order to allow us to initiate certain large scale projects that will be described in future Journals, the Committee has agreed that Annual Subscriptions should rise from \$12 to \$14 for 1997. We trust that members are happy to accept this small increase. We do not wish to lose members due to financial reasons.

ANNUAL CHRISTMAS BARBECUE:

This has always proven to be a very popular event. This year's barbecue will be held on Sunday 1st December, at about 11 am in Hazelwood Park. (We will try to obtain a barbecue unit) Cost will be \$2.00 per head. Meat will be provided. Bring a salad or dessert to share and bring your own drinks and a portable BBQ (just in case we can't get one) if you have one. All members and guests are welcome to come and have a great time. Hazelwood Park is off Greenhill Road in Leabrook.

NEW MEMBERS: NOSSA takes great pleasure in welcoming:

Ms Margaret Britton of Scarborough, Western Australia
 Carolyn & Kevin Maciunas of Ironbank, S.A.
 Ms Rae Lennon of Seaview Downs, S.A.
 Dr. Richard Hartley of Seaview Downs, S.A.
 Lester Ratcliffe of Caboolture, Queensland
 Mrs Joan Stephenson of Royston Park, S.A.
 Mrs Ruth Whitehead of Glengowrie, S.A.
 Angela & Neil Brown of Flagstaff Hill, S.A.

TUBERBANK 1996/97

Are you able to donate tubers this year? Please, we would love to hear from you, even for small quantities. INITIALLY we need DETAILS ONLY of species and hybrid tubers that you have available. Slide box donations are still most welcome, especially the small flat ones.

1. Details of tubers by 30th November to:
 T & T O'Neill 19 Parana St.,
 Flinders Park 5025
 Ph: 08 8443 6538

2. Arrangements for tuber collection December 3. Tuber Bank List/Order form December Journal

Tubers, pots etc will be provided to those who are interested in this very important conservation initiative. We are endeavouring to build up our orchid bank to one of considerable significance. Difficult to grow and uncommon orchids will be given to the more experienced growers.

Committee Members Needed

Our annual General Meeting will be held in March. Some of our long term Committee Members will be retiring and replacements are now being sought. Ron Robjohns, for example, has been the society's Treasurer since its inception 20 years ago, and is now keen to take a well earned break. Other Committee positions will also become available. We will need a Trading Table Convenor, someone(s) to sell Raffle Tickets at monthly meetings (Jill Shooter has now been doing so for 17 years I believe).

ON THE BENCH

Terrestrials: *Caladenia patersonii*, *Diuris sulphurea*, *D. Mule*, *D. Pioneer*, *D. carinata*, *Pterostylis arenicola*, *P. biseta*, *P. lingua*, *P. rufa*, *P. Hoodwink*, *P. Jack Warcup*, *P. Jumbuck*, *Thelymitra nuda*.

Epiphytes: *Sarcochilus* Fitzhart, *S. hartmannii* (3), *S. Heidi* x *fitzgeraldii*, *S. Pinkhart*, *Dendrobium kingianum* (2), *D. kingianum* var. *silcockii*, *D. macropus* (syn. *gracilicaule* var. *lowianum*), *D. monophyllum* (2), *D. striolatum*, *D. x suffusum*.

Les Nesbitt gave the commentary on the Terrestrials

Noel Oliver gave the commentary on the Epiphytes

POPULAR VOTE:

Terrestrials: *Diuris sulphurea* grown by Les Nesbitt.

Epiphytes: *Sarcochilus hartmannii* grown by Jill Shooter

COMMENTATORS CHOICE:

Terrestrial Species: *Pterostylis arenicola* from Black Hill.

Terrestrial Hybrid: *Diuris* Mule grown by Les Nesbitt

Epiphyte Species: *Sarcochilus hartmannii* grown by Jill Shooter

Epiphyte Hybrid: *Sarcochilus* Fitzhart grown by Reg Shooter

Notes: The hybrid *Diuris* Mule is a recently registered cross made by Les Nesbitt from *D. drummondii* and *D. sulphurea* 'Golden Dragon'. The name Mule reflects the sterile nature of the hybrid. Another hybrid recently registered by Les was *Pterostylis* Jumbuck made from *P. biseta* and *P. woolsii*. This carried a large seedpod: it had been crossed with *P. boormanii*! There was a beautiful display of *Sarcochilus*!

FIELD TRIPS DURING THE THIRD AUSTRALASIAN NATIVE ORCHID CONFERENCE

by THELMA M BRIDLE

Belair National Park 26/9/96

The day began with heavy rain but the weather was fine by the time we left for an afternoon at Belair. As there was about 60 of us we divided into four groups and walked from Pines Oval, along the Moorowie Track and back to the oval via our conservation survey area to explain the work being done in monitoring orchid populations. It was a little cool in Belair, resulting in the sun-orchids being only partially open, but *Diuris corymbosa*, *Glossodia major* and *Caladenia tentaculata* were making the bush very colourful, together with native wildflowers particularly the blue *Chamaescilla corymbosa* (squill) and yellow *Hibbertia sericea*.

We were pleased to find a good-sized population of *Prasophyllum pallidum* along the Moorowie Track and growing opposite were four flower spikes of *Thelymitra nuda* x *juncifolia* (natural hybrid). In the most recently weeded survey site we found the NOSSA emblem - *Leptoceras menziesii* in flower. In the area weeded earlier the variety and number of orchids, especially sun-orchids, has increased dramatically, demonstrating the long-term benefits of weeding.

After refreshments on the oval (thanks to Judy Carne), we walked across to the Government Farm Oval. In this area were found many plants of *Diuris behrii*, *D. corymbosa* and the natural hybrid between the two. *Caladenia leptochila* was quite numerous and a large population of *Leptoceras menziesii* had a number of flowers. There were many Adelaide and Eastern rosellas about, together with galahs and noisy miners. Observant members may have noticed a koala in a Eucalypt as we drove out of the park.

Orchids in flower: *Caladenia tentaculata*, *C. leptochila*, *C. carnea*, *Acianthus caudatus*, *Microtis unifolia*, *Diuris corymbosa*, *D. pardina*, *D. behrii*, *D. behrii x corymbosa* hybrid, *Glossodia major*, *Leptoceras menziesii*, *Prasophyllum pallidum*, *Pterostylis pedunculata*

Orchids in bud: *Thelymitra antennifera*, *T. pauciflora*, *T. grandiflora*, *T. rubra*, *T. luteocilium*, *T. nuda*, *T. nuda x juncifolia* hybrid, *T. x macmillanii*

Orchids finished flowering-*Acianthus pusillus*, *P. nana*, *P. sanguinea*.

Orchid seedpods: *Corybas* sp.

Hardy's Scrub, Onkaparinga River Conservation Park 29/9/96

Sunday began wet and continued so all day. Not to be deterred, 56 delegates bravely turned up for the trip. *Diuris corymbosa*, *Glossodia major* and *Caladenia tentaculata* again made up the most numerous orchids in flower. *Caladenia leptochila* was found in clumps in the poor soil of the stony area and on the surrounding banks *Pyrorchis nigricans* with up to five flowers per stem was in full flower. This is an unusual location in that the *Pyrorchis* flower annually without fire stimulation. In the same area *Thelymitra grandiflora* buds were developing all with flowering expected in a couple of weeks. The many *Thelymitra pauciflora*, *rubra* and *antennifera* were just waiting for some sunshine to open their flowers. *Prasophyllum pallidum* was in flower as was the deep pink *Prasophyllum fitzgeraldii* but their perfume was not very strong in the damp conditions.

Bob Bates was able to confirm an earlier discovery of *Prasophyllum goldsackii* 'aenigmum' which has very small barely-opening flowers with a faint perfume. This is the first sighting in the Adelaide Hills. Bob also pointed out the *Thelymitra pauciflora* with the thick dark green strap leaf, stout stem and large bracts behind each flower, which is to be named *T. 'bracteata'*. A carefully monitored colony of about 40 *Thelymitra benthamiana* plants had flowers developing and will be flowering in late Oct-Nov. *Caladenia prolata* with its small white flowers and greenish sepal backs was in flower and Bob explained the difference between *Caladenia carnea* and *C. fuscata*, both of which were flowering together. *C. fuscata* has a smaller single flower with the sepals and petals held rigidly whereas *C. carnea* is usually larger, with two flowers and less rounded sepals and petals.

Some of the South Australians had not seen *Pterostylis foliata* growing in the bush, as it is not particularly widespread and found only in the hills, so it was good to find a number of these still in flower with a greater number carrying seedpods.

The most eye-catching of the flowering shrubs were *Boronia coerulescens* (blue boronia), *Leptospermum* sp. (prickly tea- tree), *Prostanthera behriana* (downy mintbush) and the deep red *Dodonaea viscosa* (sticky hop bush).

Orchids in flower: *Acianthus caudatus*, *Caladenia prolata*, *C. fuscata*, *C. carnea*, *C. leptochila*, *C. tentaculata*, *C. reticulata*, *Cyrtostylis reniformis*, *Glossodia major*, *Microtis arenaria*, *Prasophyllum fitzgeraldii*, *P. goldsackii* 'aenigmum', *P. pallidum*, *Diuris corymbosa*, *Pterostylis nana*, *P. pedunculata*, *P. foliata*, *Pyrorchis nigricans*.

Orchids in bud: *Microtis frutetorum*, *Thelymitra antennifera*, *T. grandiflora*, *T. rubra*, *T. pauciflora*, *T. 'bracteata'*, *T. aff. pauciflora*, *T. carnea*, *T. benthamiana*.

Orchids in seed: *Acianthus pusillus*, *A. caudatus*, *Corybas* sp. (2), *Genoplesium* sp., *Pterostylis longifolia*, *P. foliata*, *P. sanguinea*,

We were kindly permitted to stop for lunch at Chapel Hill Winery, although we had to eat our picnic in the bus as it was still raining. The clouds moved off and the sky was brighter after

lunch, encouraging some delegates to continue on, so whilst one bus returned to the University the other took us to Manning Scrub.

Manning Scrub is a good location for spring flowers and amongst others *Prostanthera behriana*, *Zieria veronicea* (pink zieria) and *Isopogon ceratophyllus* (conebrush) were in full flower. Many of the orchids seen had been previously recorded at Hardy's Scrub but *Caladenia cardiochila* and the almost flowering *Thelymitra juncifolia* were additions. Further rain drove us back to the shelter of the bus.

Orchids in flower: *Glossodia major*, *Pterostylis foliata*, *Cyrtostylis reniformis*, *Caladenia prolata*, *C. tentaculata*, *C. leptochila*, *C. reticulata*, *C. cardiochila*

Orchids in bud: *Thelymitra rubra*, *T. juncifolia*, *T. pauciflora*, *T. antennifera*.

NOSSA members were very pleased to have the opportunity to show interstate and overseas visitors the beautiful spring flowering terrestrial orchids in our local bush. The visitors were most impressed with the great variety and large numbers of flowering species, some considering the field trips to be the highlight of their visit, despite the less than perfect weather conditions. I think their enthusiasm also served to remind us how lucky we are to have so many lovely orchids growing close to Adelaide and the importance of preserving their habitats!

THANKYOU

Special thanks to Don Manners of Western Australia for his contribution to the conference of some spectacular orchids and the W.A. delegates who donated the flowers to NOSSA members. They were used for the cross-pollination by several people and some taken to Naracoorte to be painted. Les McHugh very kindly allowed me a few to press and also gave me many of his *Caladenia* flowers. Thanks also to Les Nesbitt and Barb and Ken Bayley for allowing me some of their orchid flowers to press. They will be used in crafts to help raise money for NOSSA.



Orchid Survey - Upper Sturt Primary School

Ten years ago Roy Hargreaves and Don and Bubs Wells were instrumental in organising a survey of the native orchids in the bushland surrounding the Upper Sturt Primary School and

generating interest in the children and their parents and teachers for preserving both the bushland and the orchids. Now the school is aiming to have the school heritage listed to ensure the survival of this habitat and Roy invited several NOSSA members to assist in an up-to-date survey on Sunday October 6th.

The wild flowers in the area were lovely, particularly attractive were the sundews, grevillea, hakea, tetraetheca, goodenia, everlastings, twining fringe lily, blue squill and batchelors buttons. Orchids were prevalent throughout the area as was clearly demonstrated on the composite map collated at the finish. Thelymitras were numerous especially *T. rubra*, *T. luteocilium* and *T. pauciflora* with some small colonies of *T. antennifera* and a single plant of *T. grandiflora*. Most of the large numbers of *Diuris pardina* were over, but *D. corymbosa* was well in flower and we possibly found a few hybrids between the two species. *Glossodia major*, ranging from deep purple to pure white were scattered throughout. There were some large colonies of *Pyrorchis nigricans* under *Eucalyptus obliqua* with enormous leaves, but only one colony had a couple of flowers. A few groups of *Calochilus robertsonii* plants were not yet in flower, but other orchids eg *Corybas* and *Acianthus* were finished flowering.

The school had a species list containing a small number of orchids and we did not find *Eriochilus cucullatus*, *Thelymitra juncifolia* (*ixioides*) or *Dipodium roseum*. Thelma O'Neill has volunteered to return on a day when the sun orchids will be in flower to confirm our identifications and we need to return at other times of the year to find species not in evidence in early October. We had an enjoyable time finding 22 species in a small area. Thanks to the headmaster of the Upper Sturt Primary School in enlisting our assistance and to Toni Peller for organising this day and being so hospitable. Hopefully the survey will assist in acquiring heritage listing for the area.

Orchids in flower: *Diuris corymbosa*, *D. pardina*, *Microtis arenaria*, *Glossodia major*, *Caladenia tentaculata*, *Pterostylis nana*, *P. pedunculata*, *Acianthus caudatus*, *Pyrorchis nigricans*, *Thelymitra antennifera*.

Orchids in bud: *Calochilus robertsonii*, *Thelymitra pauciflora*, *T. 'bracteata'*, *T. rubra*, *T. luteocilium*, *T. grandiflora*, *T. nuda*.

Orchid flowers over: *Pterostylis sanguinea*, *P. longifolia*, *Acianthus pusillus*.

Orchid leaves: *Corybas* sp., *Prasophyllum* sp., *Microtis* sp.

POLLINATION BIOLOGY & POPULATION ECOLOGY IN SUN ORCHIDS

by MARK PHILIPS

The genus *Thelymitra* or Sun Orchids is comprised of some 50 species mostly in Australia. Although most exhibit some degree of self pollination they are all capable of out-crossing. This out-crossing is effected by bees which are attracted to the bright colours, perfume and design of flowers which exhibit general mimicry of vernal lilies. The orchid column with its anther like appendages simulates the stamens and anthers of the native lilies which provide bees with pollen and nectar. The sun orchids rarely provide food for the bees so their pollination strategy is one of deceit. Bees often 'buzz pollinate' native lilies, shaking them to loosen the friable pollen and this behaviour can also be observed on the orchids! Unlike most orchids with their tight bundles of pollinia, Sun Orchid flowers often have granular pollen in loose pollinia so that it easily collects on the hairy under-sides of the bee pollinators.

Most botanists agree that sun Orchids are a highly advanced group of orchids which have reversed the previous evolutionary trend toward zygomorphic flowers as they exploit their pollination strategies of mimicking lilies. Like the lilies the orchids tend to only open in the sort of weather the bees like ie warm (not necessarily sunny!). Perhaps they should be called

'Warm Orchids' rather than Sun Orchids. Humidity also affects the opening of Sun Orchids. With low humidity, flowers close quickly in the late afternoon, with higher humidity, and warmth they may stay open after dark.

Population Dynamics There are three main sorts of population distribution in *Thelymitra*

- A. Clumping: plants form dense clumps. This is achieved when several new tubers are formed adjacent the old.
- B. Large sparse colonies: Several new tubers formed at the end of dropper 'roots'.
- C. Random distribution.

Species of sun Orchid which clump include *Thelymitra rubra* in the Adelaide Hills and some forms of *T. nuda*. Dense clumps with lots of flowers are even more attractive to native bees.

Species of Sun Orchid which form large sparse colonies include *Thelymitra antennifera* and *T. macmillanii*. Both these species may have over 1000 plants in 10m² although only a small proportion will flower under normal conditions.

A species which favours random distribution is *Thelymitra pauciflora* and one with a sparse random distribution is *T. grandiflora*.

Most of the Sun Orchids flower freely enough without fire but some such as *T. matthewsii* need some sort of disturbance to initiate flowering and there is one species of the *T. nuda* complex Western Australia which does not flower except after fires. This species is being grown by several NOSSA members who use the banana treatment to facilitate flowering.

There are many questions to be asked about why one pattern works for one species and a different pattern for another: Why does *T. grandiflora* have numerous flowers on tall spikes and few very widespread individual plants while *T. antennifera* has few flowers on short plants in large colonies. The subject of Population Ecology is indeed an intriguing one.



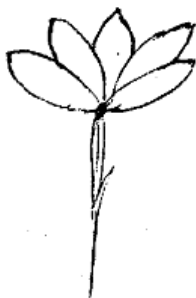
Sun Orchid Flower



Lily Flower



Tubers & leaf of colony forming species



Flower of insect pollinated species



Flower of self pollinated sun Orchid



Tubers & leaves of clumping Sun Orchids

In the latter part of April 1996 my family and I went on holidays to Victoria. The trip encompassed stays at Halls Gap, Lorne and Melbourne as well as a drive along the Great Ocean road and several day trips out from our accommodation locations. Although it was a bit early for most of our native orchids I kept an eye out wherever we went in the hope of spotting one or two. Whilst I was sure there would be plenty in the Halls Gap region I failed to find any although I did manage to see some interesting birds and kangaroos feeding just outside our cabin every morning and night.

I felt more confident of finding them around Lorne because I had read of their existence in this area from more than one source. However it soon became apparent to me that if I was going to find any I would have to go to specific locations. So I headed off to Aireys Inlet and Moggs Creek. I parked the car near a picnic ground at Aireys Inlet and ventured off down a path which led to a bird hide, looking for orchids as I went. This path petered out after the bird hide so I retraced my steps. Suddenly I noticed the bud of a cauline type *Pterostylis* just off the path. Bending down to get a closer look I noticed another one even though just ten minutes before I had walked past here and not seen any. I began exploring off the path and soon had seen quite a few more of these orchids plus some rosettes. They extended into worn areas of the picnic ground where I was surprised they had survived because there were even some just metres from where I had parked.

There was the start of a walking track on the opposite side of the roadway I had entered on so I decided to explore over there as well. Unfortunately time did not permit to go very far up this track as I wanted to have a look at Moggs Creek as well but before I had turned back I had seen what I believe were three different *Pterostylis* rosettes. It appeared to me that one could have been *P. nana* and another *P. pedunculata* but I don't know what the other one or the cauline type were - some were quite tall (200mm) - and whether the rosettes near them were non-flowering plants of the same species or a different species so I would be interested if anyone can give me information on orchids of this area. As usual I kept an eye out for birdlife as well and was not disappointed here including what I believe was my first sight of a song Thrush feeding on the ground.

When I arrived at Moggs Creek I ventured along a walking track for some distance before I found my first orchid which was either *Acianthus pusillus* or a close relation. Flower spikes were just beginning to show but it was obviously too early for any flowers. At various parts of the track there were quite a few of these *Acianthus* but I was beginning to think this would be the only orchid I would find in this area when I virtually walked into a latecomer - *Dipodium roseum* still in good condition. The only other orchids I found here before I reluctantly turned back were a couple of dried up *Thelymitra* with burst seed pods and a dried *Microtis*.

Whilst in the Lorne area I also looked for another orchid I had read could be found here - *Sarcochilus australis*. I concentrated on tree branches often thick with delicate ferns hanging over creeks but although I failed to find any I did see some truly amazing sights. On departing Lorne I took a detour up to Teddy's Lookout for one last view of this magnificent place and noticed a sign telling of the existence of *Pterostylis nutans* up there but it was too dry to even hope they would have started appearing.

Melbourne did not hold any promise of orchids and so it was, excepting for a few cultivated ones in a relatives backyard. Thus the next orchids I laid eyes on were those in my own collection when I arrived home. The holiday had been very enjoyable and the orchids I had seen had really been a bonus considering the time of the year but I still felt that I was somehow so close to finding much more - ah, there is always next time.

Third Australasian Native Orchid Conference, Adelaide - September 1996

Photographic Competition Results

BEST PHOTOGRAPH: *Paracaleana minor* photographed by Bob Edge

Best Photographic Print Terrestrial Orchid: Bob Edge - *Paracaleana minor*

Best Photographic Print Epiphyte Orchid: Phyl Dannatt - *Sarcochilus falcatus*

Best 35 mm Slide Terrestrial Orchid: Jim Shaughnessy - *Diuris pedunculata*

Best 35mm Slide Epiphyte Orchid: Mr and Mrs J Vernon - *Dendrobium* Red River

Best Photo Orchid with Pollinator: Phyl Dannatt *Cryptostylis leptochila* with ?*Lissopimpla semipunctata*

Special Recognition Darren Williams

Sponsors: Special Prizes Native Orchid Show

Grand Champion	Australasian Native Orchid Society	\$1000.00
Champion <i>Dendrobium</i> Species - Dendrocoryne	A.N.O.S. Newcastle Inc	\$100.00
Champion <i>Dendrobium</i> Species - Other	Orchid S.P.E.C.I.E.S. (NSW) Ltd	\$100.00
Champion Sarcanthinae Species	Wollongong & District Native Orchid Soc	\$100.00
Champion other Epiphytic Species	A.N.O.S. Sydney Inc	\$100.00
Champion <i>Pterostylis</i> Species	Roy Hargreaves	\$100.00
Champion other Terrestrial Species	R. S. Rogers House, Botanical Gardens	\$100.00
Champion <i>Dendrobium</i> Hybrid containing Dendrocoryne		
white to orange	A.N.O.S. (Inc) Sydney Group	\$100.00
pink to any other colour	A.N.O.S. Port Hacking	\$100.00
Champion other <i>Dendrobium</i> Hybrid	Northern & Eastern Districts Orchid Soc	\$100.00
Champion Sarcanthinae & other Epiphytic Hybrid	A.N.O.S. (Inc) Central Coast Group	\$100.00
Champion <i>Diuris</i> or <i>Pterostylis</i> Hybrid	Orchid Club of South Australia	\$100.00
Champion other Terrestrial Hybrid	Les Nesbitt	\$100.00
Champion Specimen Epiphytic Orchid	A.N.O.S. (Inc) Sydney Group	\$100.00
Champion Specimen Terrestrial Orchid	Nightcliff Orchid Society of N.T. Inc	\$100.00
Champion Australasian Orchid	Native Orchid Society of South Australia	\$100.00
Best Floor Display by Interstate Society	A.N.O.S. Victorian Inc	\$100.00
Best Floor Display - Other	A.N.O.S. New Zealand	\$100.00
Best Table Top Display	A.N.O.S. Kabi	\$100.00
Best Display of Cut Flowers	Native Orchid Society of South Australia	\$100.00
Show Medallions	Australasian Native Orchid Society (A.N.O.S.)	
Show Medallions Photographic Competition	A.N.O.S. Warringah Inc	
Trophy Best Photograph	Darren Williams	

Miscellaneous Cash Donations

Qantas (our major Sponsor); A.N.O.S. Warringah Inc \$151.00, Millicent Orchid Society Inc \$50.00, Mt Gambier & District Orchid Society Inc \$50.00, Orchid Society of Canberra Inc \$30.00, Port August Orchid Club Inc, \$50.00, South Coast Orchid Society Inc \$50.00, Orchidaceous Society Inc \$50.00 Sunraysia Orchid Club \$25.00, Mr Gearhart Husted \$50.00. Major cash Donations also from Thelma Bridle, Thelma O'Neil and Silvie Creed.

Conservation

Santos Ltd	\$250.00
Boral Resources Ltd	\$250.00

Third
Australasian
Native
Orchid
Conference



96

To be held at
The Flinders University
Adelaide, South Australia
26 - 30 September, 1996

Address correspondence to:
Hon. Secretary, NOSSA, P.O. Box 565
Unley SA 5061

Show Results

Champion Classes

GRAND CHAMPION: *Dendrobium polysema* grown by P. and A. Spence

Dendrobium Species - *Dendrocoryne*: *Dendrobium aemulum* grown by Steve and Betty Meszaros

Dendrobium Species Other: *Dendrobium striolatum* grown by David Butler

Sarcanthinae Species: *Papillilabum beckleri* grown by Ray Clement

Other Epiphytic Species: *Oberonia palmicola* grown by Gerry Walsh

Pterostylis Species: *Pterostylis* sp. aff. *rufa* grown by George Nieuwenhoven

Other Terrestrial Species: *Caladenia colorata* grown by Les and Winsome McHugh

Dendrobium Hybrid Containing *Dendrocoryne* White - Orange; *Dend.* *Gracillimum* 'Purity' grown by Bruce Mules

Dendrobium Hybrid Containing *Dendrocoryne* Pink to any Other: *Dend.* *Elegant Lace* 'Pirie' grown by Bruce Mules

Other Dendrobium Hybrid: *Dendrobium* Valda grown by Mike Harrison

Sarcanthinae and Other Epiphytic Hybrid: *Sarcophilus* Lotus grown by Ray Clement

Diuris or Pterostylis Hybrid: *Diuris* Pioneer 'Long Ears' grown by Nesbitts Orchids

Other Terrestrial Hybrid: *Caladenia* Harlequin (*Cal. flava* x *Cal. latifolia*) grown by George Nieuwenhoven

Specimen Epiphytic Orchid: *Dendrobium x delicatum* 'White Cloud' grown by Ian and Karen Charlesworth

Specimen Terrestrial Orchid: *Diuris lanceolata* grown by Nesbitts Orchids

Australasian Orchid: *Dendrobium polysema* grown by P. and A. Spence

Cut Flower: *Caladenia pectinata* grown by Don Manners

Floral Art Exhibit: Table Arrangement with Candle prepared by S. I. Creed

Special Prizes and Display Prizes

The Ira Butler Nomination (Best Australian Hybrid): *Caladenia* 'Harlequin' grown by George Nieuwenhoven

The Bill Murdoch Trophy Nomination: (Best Australian Species): *Caladenia colorata* - Les and Winsome McHugh

The Roy Hargreaves Prize (Best Terrestrial Species): *Caladenia colorata* grown by Les and Winsome McHugh

Best Commercial Display: R. Clement and K. Russell

Best Floor Display by Interstate Society: A.N.O.S. Sydney Group

Best Floor Display by Local Society: Native Orchid Society South Australia

Best Floor Display Other: Bub and Don Wells Best Table Top Display: N. Oliver and G. Ford

Best Display Cut Flowers: Papua New Guinea Botanic Gardens

Special Recognition: Paper Orchids - designed and handcrafted by T. M. O'Neil

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