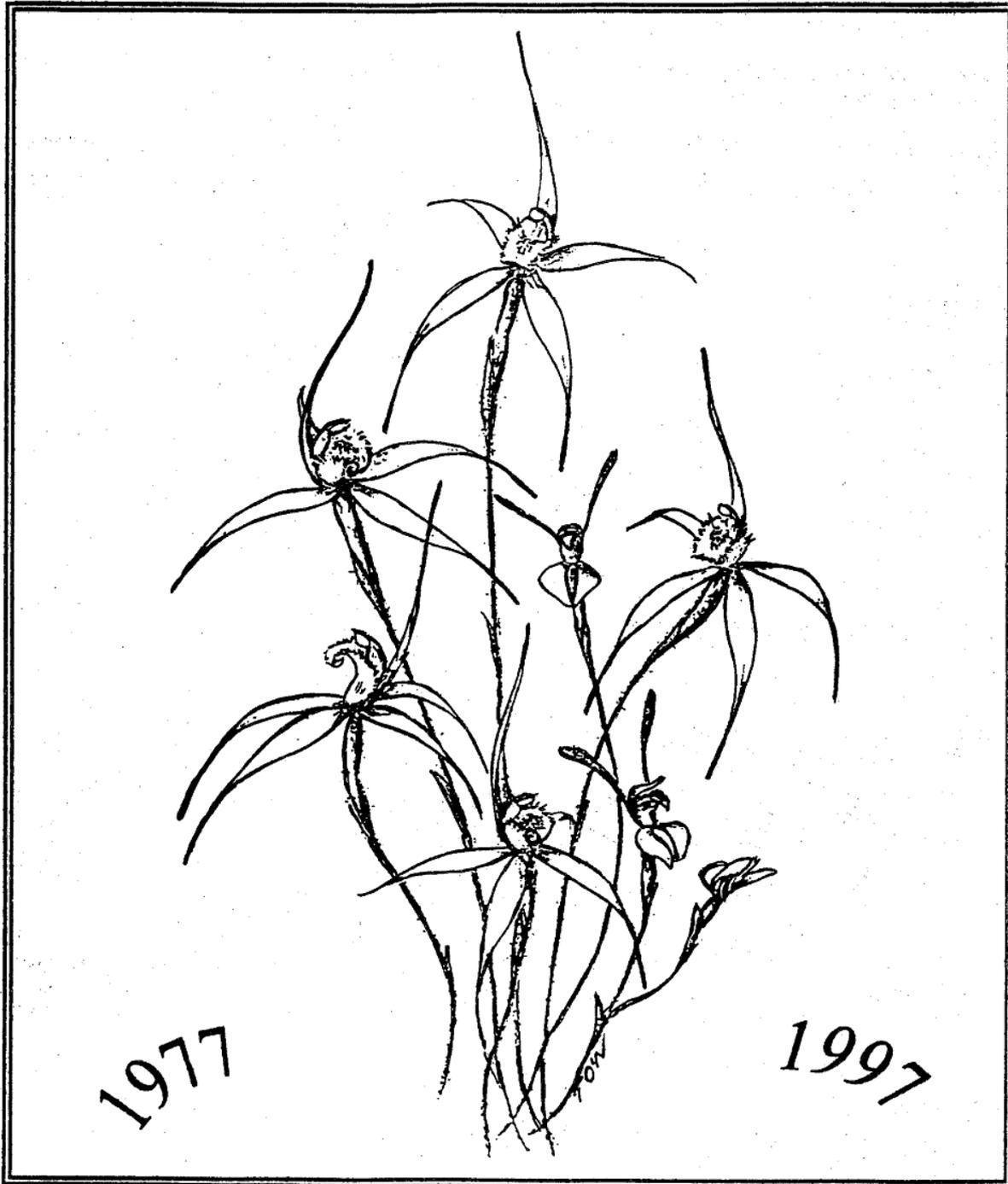


JOURNAL  
of the  
NATIVE ORCHID SOCIETY OF  
SOUTH AUSTRALIA INC.



# **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: 8332 7730

**SECRETARY:**

Mr R. Bates  
Telephone: 8251 2443

**VICE-PRESIDENT:**

Mr Roy Hargreaves

**TREASURER:**

Mr Ron Robjohns

**COMMITTEE:**

Mr J. Peace  
Mr D. Hirst  
Mrs T. O'Neill  
Mr W. Dear  
Mr G. Moss

**LIFE MEMBERS:**

Mr R. Hargreaves  
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 8289 2305

**REGISTRAR OF JUDGES:**

Mr L. Nesbitt

**TUBERBANK CO-ORDINATOR:**

Mr & Mrs T. O'Neill  
Telephone: 8443 6535

The Native Orchid Society of South Australia Inc. while taking all care, take no responsibility for the loss, destruction or damage to any plants whether at benchings, shows, exhibits or on the sales table or for any losses attributed to the use of any material published in this Journal or of action taken on advice or views expressed by any member or invited speaker at any meeting or exhibition. Views and Opinions expressed by authors of articles within this Journal do not necessarily reflect the views and opinions of the Management Committee.

**COPYRIGHT:** The NOSSA Management Committee condones the reprint of any article within this Journal, provided acknowledgement is given to the source and author.

**ANNUAL SUBSCRIPTION: \$14 FAMILY OR SINGLE. DUE IN MARCH EACH YEAR.**

**NATIVE ORCHID SOCIETY**

**OF SOUTH AUSTRALIA INC**

**MARCH 1997 Vol. 21. No. 2 JOURNAL**

**MARCH MEETING**

Tuesday, 25th March 8.00 pm: at St Matthews Hall, Bridge Street, Kensington.

Our March meeting marks a milestone for N.O.S.S.A., - OUR 20TH ANNIVERSARY!!!. We have a fantastic evening planned, and we encourage as many of our Members as possible to attend. The March meeting is of course our Annual General Meeting. For certain we will be able to cut through the business side of the meeting promptly, and begin OUR THIRD DECADE on a high note, under a new President and Committee.

A vote will be taken for granting Life Membership to a member who has been put forward for the honour by your committee. Enough said about this at this time.

HELEN RICHARDS will present N.O.S.S.A. Member DR JACK WARCUP with an AOF award for his outstanding contributions to our native orchids. Helen is flying out from Melbourne for this very important occasion, and of course, we couldn't consider having Helen at one of our meetings without giving her a chance to give a talk. It is a great honour to have these two individuals attend our meeting. We will conclude our meeting with a piece of Birthday Cake, decorated by Judith Carne, accompanied by tea, coffee or cordial as you wish.

Lets make every effort to bring in as many orchids as possible to the March meeting, and really celebrate our first 20 years. - also bring in slides and photos showing N.O.S.S.A. events/occasions/people etc, over the past 20 years.

Doors to the hall will be open at 7,15 pm for those wishing to borrow books from the library or take in items for the trading table.

PAGE	CONTENTS	AUTHOR
12	Diary Dates	
12	Coming Field Trips	
13	On The Bench	
14	Tuber Bank	T. & T. O'Neill
14	Letter from Upper Sturt Primary School Council	
15	<i>Dipodium</i> Special Field Trip Report February 23 1997	L. Leader
15	Botanic Bonanza in Wake of Floods	
16	Australian Dendrobiums No. 19	S. Philips
17	Presidents Report	G. Carne
19	Treasurers Report	R. Robjohns
20	<i>Diuris maculata</i>	

## DIARY DATES

Mar 25 1996 AGM. All positions will be declared open. Plus 20th Anniversary Celebration  
 Apr 5,6 SGAP Plant Sale, Hamilton Hall, Wayville  
 May 2 Annual Dinner at the Buckingham Arms Hotel.

## COMMITTEE MEETING

To be held at 7.30 pm Friday March 28th  
 at the home of Les Nesbitt, 18 Cambridge Avenue, Vale Park

## COMING FIELD TRIPS

Sunday 20th April Scott Conservation Park (NOT Scott Creek)  
 Meet at Mt Compass Shops at 11 am. We hope to see *Eriochilus* sp., *Genoplesium* sp. and *Leporella fimbriata*.  
 All Members welcome, bring a lunch, and a camera if you wish.

CONGRATULATIONS George Nieuwenhoven who was presented with the Ira Butler award for best Native Orchid Hybrid in Australia in 1996 for his *Caladenia* Harlequin shown at the Adelaide Conference. This is the second time this plant has won this award! Congratulations to George also for having registered this cross (*Caladenia latifolia* x *C. flava* ssp. *sylvestres*) just this year. Yes the name *Caladenia* Harlequin is now official.

New Meeting Procedures A judging panel will now choose best Epiphyte species and hybrid and best Terrestrial species and hybrid where appropriate at each meeting.

The Society for Growing Australian Plants (SGAP) will be holding their plant sale in the Hamilton Hall Wayville. Saturday & Sunday April 5th & 6th. Setting up is to be carried out Friday April 4th. N.O.S.S.A. has a display area. Helpers and plants are required. Entry and parking tickets available. Please contact Roy Hargreaves on 8293 2471 or at next meeting.

Trading Table New convenor, Judy Penney would like to sell your excess plants, tubers, flasks and orchid paraphernalia. Please support her and The Society with donations or commissioned sales

## ANNUAL N.O.S.S.A. DINNER - MAY 2nd (Friday)

Deposits of \$10 will be taken at the March meeting. We usually get thirty or more attending. Perhaps we could set a new record for attendance this year!

## ON THE BENCH

Terrestrials: Self seeded *Spiranthes* from Black Hill.

Epiphytes: *Bulbophyllum schillerianum*, *Dendrobium bigibbum*, *D. bigibbum* hybrid, *D.* (Wyn Lobley x Minigirl) x *canaliculatum*, *Cymbidium canaliculatum*, *Sarcochilus ceciliae* x *dilatatus*.

Reg Shooter gave the commentary on the Terrestrials & Epiphytes Reg spoke on all plants benched noting that all species were from the Tropics as is usual for this time of year.

## JUDGING RESULTS:

Epiphytes: Species:

FIRST:-*Cymbidium canaliculatum* grown by Don & flubs Wells

SECOND -*Dendrobium bigibbum* grown by George Nieuwenhoven

Hybrids:

FIRST -*Dendrobium* (Wyn Lobley x Minigirl) x *canaliculatum* grown by Ron Robjohns

SECOND - *Sarcochilus ceciliae* x *dilatata* grown by George Nieuwenhoven

Plant of the Night: *Dendrobium* (Wyn Lobley x Minigirl) x *canaliculatum*

## FEBRUARY MEETING

The main speaker was Mr Don Gallagher, past president of O.C.S.A. and founding editor of Orchids of Australia. Don spoke on his trip to South America notably to attend the World Orchid Conference in Rio de Janeiro in 1996. The Gallaghers (and several other N.O.S.S.A. members travelled via New Zealand to Buenos Aires (Argentina), Rio (Brazil), La Paz (Bolivia), over the Andes to Lima (Peru) and home via Los Angeles and Honolulu. Don's slides were superb - Orchids, rainforest scenery, exotic dancers and the beachgirls of the Copa-cabana. In the jungle we saw *Miltonia*, *Sophranites*, *Zygopetalum*, *Rodruigezella*, *Vascostylis*, *Maxillaria* and *Mazdevallia* and on benches and displays everything from *Ascocendra* to *Phragmipedium*! All that and it didn't cost us a penny!

TUBER BANK 1996/97

T &amp; T O'NEILL

The tuber Bank list almost doubled that of last year and although order numbers were the same, a total of 312 Lots were posted (90 more than last year).

Thank you again to all tuber donors. This year we were able to supplement our supply from the purchase we made at Les Nesbitt's auction, even so, we relied heavily on the generous donations from interstate and local growers.

Slide boxes are welcome during the year in readiness for 1997/98. Thank you to supporters in this area, Thelma O'Neill or Roy Hargreaves will be happy to receive them from you at meetings.

Invaluable assistance by Sylvie Creed on the big weekend must not go unmentioned.

Interest shown in orders is sharp for tubers with a provenance, and there is a need for our tuber bank to increase the number of species having known locations. With careful recording on labels of the provenance, we have the records needed for re-stocking an area if or when the need occurs. We are at present concentrating on building up our supplies with this in mind, as well as that of desirable, not so easy to obtain species.

#### LETTER FROM UPPER STURT PRIMARY SCHOOL COUNCIL

*Dear Roy,*

*This is to say thank you for all your support to the Upper Sturt Primary School in our application for Heritage Agreement. We hope we will get formal written acknowledgement from the Education Department in 1997 for this and then our Environment Committee can put into action plans we have for preservation and care of the specific area.*

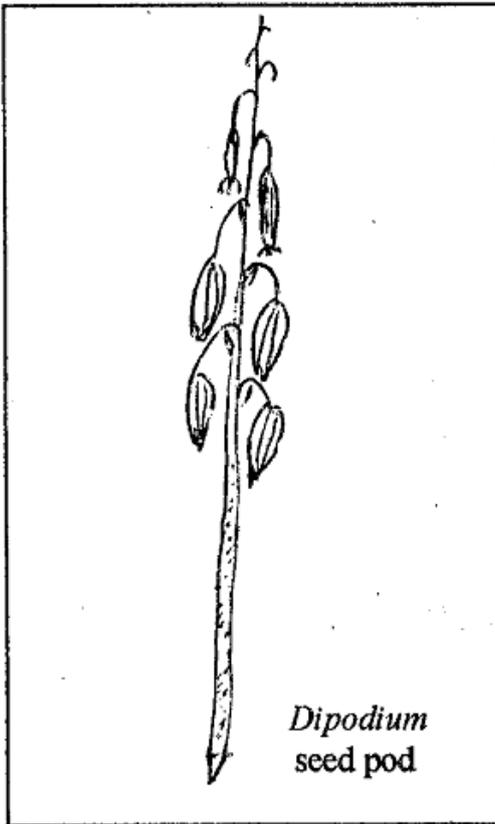
*We are planning an interpretive centre as our final goal to help in the education of the children and local neighbourhood in this "gem" we have here at Upper Sturt. We welcome your group to return in the autumn to help with further identification of the orchid species which were not evident in the spring.*

*Thank you for approaching Malcolm Campbell and for your article in your Newsletter.*

*Yours sincerely*

*Toni Piller (Chairperson, School Council)*

(N.O.S.S.A., especially Roy Hargreaves, has been involved with the orchids of Upper Sturt School grounds since 1980. Eds.)



After an eight day heatwave February 23rd dawned cool and damp and we met in the fog at 9.30am at the Heath Road Reserve at Crafers. Our leader had been to this site eight weeks earlier and noted one Dipodium pushing up through the bitumax on the roadside! They are tough orchids but would there be any left after days of 40°C temperature? The kookaburras were laughing at us traipsing through the mist but the Hyacinth orchids had survived and most had huge seed pods in green, purple or purple-green stripes, all pods curved downwards. There were a few late flowers under the Stringybarks and some interesting wildflowers - *Bursaria spinosa*, *Arthropodium strictum* and *Ixodia achilleoides*, the Hills Fire daisy. Why were they all closed? we were asked. Yes they do; as soon as they get wet the brittle wide-open shiny flowers soften and the 'petals' close inward protecting the real flowers.

There was much interesting discussion on the strange features of the plants present; from the Blown-grass, *Agrostis* sp. whose fairy like seed heads break off and fly around in the breeze to the Love burrs of *Acaena* spp. and hybrids which grasp at human socks and won't let go. Its all to do with seed dispersal of course!

From Heath Road we drove the 2 km to Mt Lofty Botanic Gardens where some tiny Dipodiums in delicate pink were found amid the Rhododendrons! The sprinklers which keep the Rhododendrons damp do not make the hyacinth orchids larger. The orchids prefer dry ground and rarely tolerate the sprinkler systems.

Eleven am and we were in the new tourist complex at Mount Lofty - impressive enough, but why was the paint peeling off the signs after just a few weeks? And whose idea was it to take loads of stone from the beach and tip them around this mountain top? And the view? Grey fog! But what a pleasant series of short walks we had.

Orchids seen: In flower - *Dipodium roseum* (and seed)

In seed - *Microtis* sp, *Thelymitra nuda*, *T. pauciflora*.

#### BOTANIC BONANZA IN WAKE OF FLOODS

Extracted from Sunday Mail, February 23, 1997

Botanic expeditions in the north of the State in the wake of widespread flooding will markedly expand the knowledge of native and introduced plants in SA, and could even lead to the discovery of new species.

Botanic Gardens senior botanist Dr Bill Barker said the floods provided an opportunity "which isn't to be missed and with the rabbit demise the timing really is marvellous". "While there is the chance of coming across a new species, the most important outcome of collecting in the Outback would be extending the knowledge of the distribution of every species we come across."

"Funds would be redirected from other areas to enable researchers to get to the Outback and take advantage of the exceptional conditions" he said. "It's fairly urgent to really know what's out there and where it is, but we have limited resources and limited people to go into the field, there is a vast area to cover."

Dr Barker said there was a possibility of coming across plants never seen before. After floods in 1984 a colleague had discovered a plant which belonged to a group he was studying. "These things do happen, most of our arid region is under-collected."

It was important to extend knowledge of plants by looking at their distribution. "We need to go out there to increase our knowledge of species diversity and also to increase our knowledge of where they are." Some plants considered very rare might be seen more in the wake of the floods. "There may be a seed bank in the soil waiting for a season like this to come to life, some seed can last for hundreds of years. There is an incredible seed bank out there, waiting for these opportunities. We may come across something that occurs only sporadically." The floods would also promote the growth of introduced plants, which took the place of natives. In agricultural regions of the State, about a third of the flora was introduced.

#### AUSTRALIAN DENDROBIUM NO. 19

*Dendrobium moorei*

by SANDY PHILIPS



Named in 1884 by Ferdinand von Mueller. The name honours the original collector Charles Moore.

*D. moorei* is one of several orchid species endemic to the tiny Lord Howe Island, an Australian dependency in the Pacific Ocean. It colonises large areas on trees and rocks by producing numerous 'keikis' which drop off and establish as new plants. The flowers are white and the sprays are often pendulous. Flowers last up to six weeks as they are insect pollinated and pods are rarely seen in nature.

Like most species growing in permanently humid situations the pseudobulbs are slender and the pale 3 cm flowers thin textured. Their long narrow shape and white ovaries makes them distinctly spectre-like.

Cultivation: This species is rare in Adelaide but is easy to grow in the Adelaide Hills in frostfree areas. A cool bushhouse is ideal. Only the taller free-flowering form has been seen here but Plains growers tend to lose their plants in heatwaves.

## NATIVE ORCHID SOCIETY OF SOUTH AUSTRALIA INC.

## -President's Report-

Yet another year has come and gone, and what a year it was! In 1993, NOSSA submitted a proposal to A.N.O.S. Inc. that we should host the Third Australasian Native Orchid Conference and Show. We were unanimously awarded the right to do so, but what an incredible amount of planning and hard work it proved to be. The Conference and Show of course proved to be a tremendous success, thanks to a very capable, dedicated and energetic Conference Committee who met regularly over a nearly three year period, and to a large number of non-Committee Members who contributed in many different ways as and when required. The Conference and Show was highly regarded by all who attended and indeed we were complimented for our efforts by registrants from America, South Africa, Germany, the UK, New Zealand, Papua New Guinea and from each Australian State. Our Society should feel very proud of our accomplishment and the important contribution we made to native orchid culture and conservation. NOSSA has become well known and highly regarded by enthusiasts and institutions from around the world. We even made a profit! Many thanks to all who contributed to the Conference and Show. Enough about the Conference; - you have been saturated with the Conference for three years now, and I thank you for your patience, your dedication, and for your tolerance.

Unfortunately, the hype of the Conference slowed some of our other activities down a little (only a little), but under 1997's new Committee, I am certain that we will be back in high gear. Many of you have now filled in a questionnaire that will assist the Committee in choosing speakers and organising other activities for the coming year. Membership has more less remained stable at about 280 which is excellent given that membership of many societies and clubs has dramatically fallen in recent years.

We changed the venue for our Annual Dinner held in May, to the Buckingham Arms Hotel. It was a very well attended fun event with lots of good food, stories, and friendship. The venue proved to be so successful that we are giving it another go in 1997. The Christmas Barbecue was held in Hazelwood Park and it too was well attended and enjoyed by all who attended. Early morning storms kept a few home, but the day turned out to be perfect in every way. The November Auction and Supper was as usual most successful and every one charged their sugar levels for yet another year, while exchanging Christmas and New Year's greetings. Many thanks to those who brought in and purchased the many items that were auctioned.

We had a fairly broad range of speakers in 1996, although we focused a little on orchid culture, on the presentation of our plants and on setting up displays, in preparation for the Conference. One of the highlights of the year was the September meeting when distinguished guests from all of our mainland States and New Zealand were in attendance in advance of the Conference. An impromptu showing of slides by Ted Gregory kept us all in awe! Many thanks to all who spoke to our meetings during the year.

Field excursions were organised for most months and a large number of species were found. For some reason, every time I go on a field trip, I am asked if I have the key to my steering wheel lock. A greater number of field trips will be organised for 1997, and hopefully a two or three dayer.

We had excellent displays of both epiphytes and terrestrials at most of our meetings, and particularly excellent plant commentaries. 'Popular Vote Certificates' were presented to the two Popular Vote winners (one for the most popular terrestrial orchid and one for most popular epiphyte orchid) each month. Your Committee decided that it would be a good idea to Judge the orchids that Members brought in at each meeting and this was initiated at our February 1997 meeting. Although the number of Judges proved to be greater than the number of orchids that were brought in in February, we can expect increasingly larger numbers of orchids at future meetings as we progress into the growing seasons. Many of us come to the meetings to see orchids, and it is important that we all bring in what we have as often as possible. They don't have to be 'prize winners'! A single *Pterostylis*, *Corybas*, or *Dendrobium kingianum* in a plastic pot, brings considerable enjoyment to us all. We just want to see native orchids and as many as possible.

Two of our Members were honoured at a National level for the contributions they have made to the conservation and culture of native orchids in Australia. Roy Hargreaves received the Medal of the Order of Australia, while Dr Jack Warcup was honoured by the Australian Orchid Foundation. Jack will be presented with his Award by AOF Director, Helen Richards, at our March General Meeting.

Because of major increases in the price of paper and hence printing costs, and an increase in the cost of bulk mailing costs, your Committee is recommending that the annual Subscriptions rate be raised to \$14.00 (for both single & family memberships). Your vote on this proposal will be sought at the AGM.

Several of our Committee Members will not be continuing in their present capacity come the end of March. They have all made significant and many contributions to your Society, and we thank them for their very hard work and commitment. They have all assured me that they will continue to serve NOSSA in other non-Committee ways. Bill Dear, our Past President and Show Marshall is no longer able to attend our meetings because of business commitments; Thelma O'Neill wishes to focus her time on the tuber bank, one of the most important aspects of NOSSA; Greg Moss, our Conservation Officer, is unable to attend meetings on a regular basis, also because of work commitments; Ron Robjohns, NOSSA's Treasurer since its formation in 1976, is going to take a well earned rest; and myself, I am stepping down from the Committee because my work may take me out of the State during the coming NOSSA year.

It would be remiss of me in this report, to not make some comment on the exceptional contribution Ron Robjohns has made to this Society throughout its first 20 years. As Treasurer, he has performed and continues to perform brilliantly and without fault; - his meticulous and accurate book keeping is second to none. But Ron does so much more than just making certain our finances are in order; - he has contributed to NOSSA in so many different ways. Our Annual Dinners and Christmas Suppers are organised by Ron. Ron collects and distributes the mail and takes care of much of that which requires response. Ron is one of the group that prepares the NOSSA Journal for distribution each month, and in fact he has been involved with the Journal from its inaugural issue. Ron prepared our Constitution, and it's to him that we all turn to on matters of policy. His contributions to our Spring Show for all of its years have also been substantial. If there is a job to be done, and no one seems willing to do it, Ron generally takes it on. At every meeting for the past two decades, Ron has positioned himself at the back of the hall, to serve members wishing to pay for their annual subscriptions, a dinner or other event, to purchase a book or NOSSA badge, order a name badge, collect raffle ticket and trading table moneys, etc. Rarely does he have an opportunity to appreciate the orchids that Members bring in each month or to socialise with his friends. Ron is without doubt a cornerstone of this great Society of ours, and he truly deserves a well earned rest. But rest isn't easy; - our Treasurer to be is overseas until the end of June and Ron, true to his dedication to NOSSA, has agreed to continue in his long time role until his return. I feel honoured to have worked on the Committee with Ron, and to have him as a friend.

In closing, I wish to thank both the Society's Operating Committee and the now retired Conference Committee, for their inspiration and support and for the eager energy that they have put into the tasks at hand. It has been terrific to be a part of the two teams. I would like also to thank those other Members who have contributed to NOSSA in so many ways. I do not wish to list names for I am certain to leave some out, but you know who you are and we sincerely appreciate your contributions to the Society. I would like to thank all Members for their support over the past year.

As of the AGM, you will have a new Committee with fresh enthusiasm and new ideas, to take you into NOSSA's third decade. With your support, 1997 promises to be a most exciting and enjoyable year.

Sincerely, Gerry Carne 8 March, 1997

57

TAB. 30.

DIURIS maculata.

*Yellow Spotted Diuris.*

GYNANDRIA Diandria.

*Nectary* a pendulous lip, without a spur. *Petals* 9; the 5 outermost largest, of 2 kinds. *Column* of the fructification reversed, the *lid* parallel.

Two lower petals lanceolate, twice as long as the lip; two upper rounded, obtuse, with long claws.

A NATIVE of New South Wales, like the other two species figured in *t.* 8 and 9. of this work, where it blossoms in July.

It is most allied to *D. aurea*, with which it agrees in size and general appearance, except that the flowering part of the stalk is, for the most part, more zigzag than in that species, and the flowers are widely different. All the petals, except the 2 lowest, are yellow irregularly spotted or stained with red, which spots are equally visible on the back and front, and in drying the red remains, while the yellow fades almost to white. The three uppermost petals are round and obtuse, the side ones having long claws; the 2 lowest or green petals generally cross each other, and are lanceolate, about twice as long as the lip. The other parts agree with *D. aurea*.

Perhaps these 2 green petals of *Diuris* ought to be esteemed a real calyx, though no such thing has hitherto been observed in the *Orchis* tribe; for it seems to us too paradoxical to call (with Jussieu) the whole corolla and lip a calyx, or even the former only, with Swartz; but this is matter of mere opinion.

A shows a magnified flower, in which all the parts are displayed as in *t.* 9.

VOL. I.

H

*Diuris maculata*

Wm. Lobb. Published by J. Smith, London.

*Reprinted From the Original Drawings and Type Descriptions in  
Exotic Botanica 1805*

## NATIVE ORCHID SOCIETY OF SOUTH AUSTRALIA INCORPORATED.

## STATEMENT OF RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31.12.1996.

RECEIPTS

Subscriptions - 1996	2177.37
- Prepaid	318.31
Donations	80.00
Publications	527.00
Badges	16.50
Raffles	370.80
Tuber Bank	179.25
Auction	439.50
Name bars	69.00
Sale of pots	202.10
Trading	1038.00
Club dinner	720.00
A.N.O.S. rebate	58.00
Prize money	150.00
Interest	622.01
Conference advance repaid	<u>637.63</u>

\$7605.47PAYMENTS

Journal - Postage	1041.19
- Print & type	1942.10
Postage & phone	81.90
Stationery	84.00
Publications	294.70
Hall rent	360.00
Public Liability Insurance	137.32
Name Bars	74.50
Plants	305.00
Aust. Orchid Foundation	50.00
Ira Butler Trophy Committee	100.00
A.N.O.S.	50.00
O.C.S.A. - Affiliation	25.00
Club Dinner	720.00
Social expenses	74.50
Less donations	<u>58.00</u>
Alter banner	35.00
Judges handbooks	82.50
Tax- FID, BAD, Interstate chqs.	36.65
Deposit on hall for 1997 show	50.00
Sundries	<u>43.10</u>

5529.46

Excess receipts over payments 2076.01\$7605.47CASH STATEMENT

Cash at bank & on hand 31.12.95	\$ 15943.70	
ADD excess Receipts over Payments	<u>2076.01</u>	\$18019.71
Cash at bank & on hand 31.12.96		
Investment account	\$ 14998.32	
Cheque account	2996.39	
Cash on hand	<u>25.00</u>	<u>\$18019.71</u>

Honorary Treasurer.

I have examined the books and records of the Native Orchid Society of South Australia Incorporated and certify that the above Statement of Receipts and Payments is in accordance with the books and vouchers produced.

22.1.97
Honorary Auditor.