

*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.

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NATIVE ORCHID SOCIETY OF SOUTH AUSTRALIA INC

SEPTEMBER 1996 Vol. 20. No. 8 JOURNAL

SEPTEMBER MEETING

Tuesday, 24th September 8,00 pm: at St Matthews Hall, Bridge Street, Kensington Speaker to be announced, We expect it will be an interstate visitor over for the Conference.

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

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DIARY DATES

Sept 26-30th Native Orchid Conference and Show - Flinders University. Hosted by NOSSA.

Oct 1st Last day for journal articles.

Oct 27th Millbrook Reservoir Excursion

Nov 17th Grange Golf Course with Birgitte Sorenson (10am at the Club House)

APOLOGY The editors apologise for two inadvertent alterations to Len Field's article on Canis Gorge National Park in the June Journal,:

For "Western Greys" read "Eastern Greys"

For "Platypi" read "platypus"

The comment that Len is "not a terrestrial orchid person" was incorrect as Len has been growing terrestrials for 35 years and regularly speaks to groups on the topic.

ORCHID HOUSE CLEARANCE SALE

Saturday 12th October Going, going! - orchids, pots, benches, the lot.
Nesbitts Nursery, Kersbrook 10.30 am.

NEW EDITOR FOR 'THE ORCHADIAN'

Well known orchidist David Banks, of the A.N.O.S. Sydney Group, is to take over the editorship of 'The Orchadian', the official journal of A.N.O.S. The outgoing editor, Wally Upton, who decided that it was time for a change, has been touring America on the lecture circuit.

ON THE BENCH

Terrestrials: *Acianthus pusillus*, *Caladenia latifolia*, *C. latifolia (alba)*, *C. rigida*, *C. stellata*, *C. stellata x C. toxochila*, *C. x Fairy Floss*, *Cyrtostylis reniformis*, *Chiloglottis x pescottiana*, *Diuris behrii*, *D. conspicillata*, *D. laxiflora*, *D. pardina*, *D. x palachila*, *D. Pioneer*, *Glossodia major*, *G. minor*, *Leptoceras menziesii*, *Pterostylis arenicola*, *P. cucullata x P. nutans*, *P. Cutie*, *P. cynocephala*, *P. baptistii* (4), *P. nutans*, *P. pedunculata*, *P. robusta*, *P. mutica*,

Epiphytes: *Dendrobium aemulum* (3), *D. Alain Glow*, *D. bigibbum x Ellen*, *D. canaliculatum* (2), *D. Ellen x canaliculatum*, *D. Emma*, *D. Emma 'A'*, *D. Jesmond Glitter*, *D. Margaret McDonald*, *D. Peewee x Graham Hewitt*, *D. Rutherford Surprise*, *D. speciosum* var. *pedunculatum*, *D. Star Falcon*, *D. Stephen x teretifolium 'Black Pam'*, *D. Telekon*, *D. Val Peck*, *D. Zip*, *Sarcochilus falcatus*, *Bulbophyllum bowkettiae*.

George Nieuwenhoven gave the commentary on the Terrestrials

Reg Shooter spoke on the Epiphytes.

POPULAR VOTE;

Terrestrials: *Caladenia rigida* grown by George Nieuwenhoven

Epiphytes: *Dendrobium Peewee x Graham Banks* grown by Gerald Hawkins

COMMENTATORS CHOICE:

Terrestrial Species: *Pterostylis baptistii* grown by Graham Burford

Terrestrial Hybrid: *Caladenia Fairy Floss* grown by Les Nesbitt

Epiphyte Species: *Dendrobium speciosum* grown by Les Burgess

Epiphyte Hybrid: *Dendrobium Peewee x Graham Banks* grown by G. Hawkins

AUGUST MEETING

Les Nesbitt spoke on the topic "Setting up for shows". Here are Les' notes on the subject

DISPLAY PREPARATION:

- Check list
- Show Plan - site details (wall, island, corner, background)
- Show Schedule - (classes, rules)
- Gather props and gear
- Clean up plants - insecticide, night visits
- Write out labels - name on pots - make list of plants
- Water plants thoroughly the day before

PACKING & TRANSPORT:

- Prevent falls and damage (boxes, extra stakes, paper packing)
- Wind, rain, hail (covered vehicle or trailer)
- Access to show hall (trolley, helpers)

SETTING UP:

- Prework - helpers always needed on prior days
- Chaos - keep aisles and walkways clear
- Backdrops and floor/table coverings (plastic, hessian, shade cloth)
- Start at the back
- Take time to plan from plants on the floor. Originality
- Display to best advantage (colour groupings, lift and hang)
- Foliage plants - (complementary, clean, ferns good)
- Finish - leaves, moss, bark, hide pots, fill holes.
- Labelling - must be easy to read

MAINTENANCE

- Misting and watering
- Repairs

TAKE OUT

- Be there on time - shows come out quickly
- Clean up everything including the hall

HAVE FUN - meet new friends - give pleasure to others.

A LITTLE BIT ABOUT THE CONFERENCE LOGO SPECIES

by R. BATES

Caladenia rigida is a beautiful spider-orchid endemic to the Adelaide Hills. The clear white flowers are marked with a red line below the sepals, with red or black clubs and red teeth on the lip. Flowers appear in late winter-early spring and these are bee pollinated. Usually found on slopes and ridges in hard quartzite soils.

Because of its limited distribution and the massive clearance of its habitat; especially in the southern parts of its range *C. rigida* is regarded as a threatened species. Until recent discovery of large populations near Millbrook Reservoir it was treated as endangered,

Like most spider orchids it does not reproduce vegetatively and is therefore difficult to grow so its best chance for survival comes with good management of its bushland refuges.

Pterostylis cucullata is a charming velvet-brown greenhood which once occurred throughout south eastern Australia and was even locally common in the Adelaide Hills. Its preference for rich soils has seen its demise in 99% of its former range. The remaining 1% is threatened by weeds, grazing, people traffic, poachers and the like. The Adelaide Hills form is the more majestic of the two known forms being tall and stately. Fortunately *P. cucullata* is a cultivable species and has been used extensively in hybridising.

FIELD TRIP REPORT

by THELMA BRIDLE

Sunday 4th August followed a wet week with local flooding in the Adelaide hills. This did not deter the 18 resilient NOSSA members who drove through heavy showers to meet at Callington. Fortunately rainfall is usually less in mallee areas, and by the time we reached Callington the sun was shining.

Our first visit was to private land about 4km east of the North Bremer Road turn off. There were a number of small groups of *Cyanicula deformis* with their deep blue flowers showing brightly. Several specimens of *Caladenia stellata* were found with quite a variation in colour and labellum marking, typical of this species. *Pterostylis cynocephala* was common on open mossy areas but as the plants only reached 2.5cm in height, a magnifying glass was necessary to appreciate their beauty. About half a dozen *Diuris palustris* plants were found in flower - 2 flowers per stem surrounded by 5 grass-like leaves. Some flowers were attractively marked with red-brown blotches. Also noted were several Adder's tongue (*Ophioglossum polyphyllum*), early nancy (*Wurmbea dioica*) and Lomandra flowers.

We then travelled on a rather wet track to the SW corner of Monarto Conservation Park where we again found *Pterostylis cynocephala* and *Cyanicula deformis* in flower. A large group of *Cyrtostylis robusta* plants were flowering and also in the shelter of a bush a large group of *Acianthus pusillus*, with small flowers, were just going over. There were many *Caladenias* budding and several groups of *C. filamentosa* var. *tentaculata* with an occasional flower, and one large group numbering about 30 flower buds,

Having verified that NOSSA members are hopeless car thieves, grateful thanks to those members, especially John, Malcolm and Bill, who assisted Phil unlock our car to retrieve the keys, and thanks to everyone for waiting so patiently in the cold wind, we were eventually able to head off to the SW area of Monarto Conservation Park. Here we found short-growing plants of *Pterostylis sanguinea* in flower. There were good-sized clumps of 20-30 *Pterostylis nana* flowers. *Pterostylis dolichochila* flowers were found in scattered groups with rosettes outnumbering rosettes by about 100 to 1. The large flowers have a similar appearance to *Pterostylis robusta*, but are reddish in colour and have a protruding labellum. A single *Caladenia filamentosa* var. *tentaculata* flower was recorded with a tall *Genoplesium* sp. seedpod close by. *Cyrtostylis robusta* was flowering and there were again many *Caladenias* forming buds, with *Caladenia stricta* not far from flowering. Several different acacias were in flower with many shrubs beginning to flower including *Grevillea ilicifolia* and *lavandulacea*, *Brachyloma ericoides*, *Baeckea crassifolia*, *Calytrix tetragona*, *Phebalium bullatum*, *Lomandra juncea*, *Boronia caerulescens* and a *Prostanthera* sp. A number of other shrubs were also close to flowering.

Altogether an excellent day - ten different winter orchids in flower and no rain until we returned to Adelaide.

Callington

Flowers: *Cyanicula (Caladenia) deformis*, *Caladenia stellata*, *Diuris palustris*, *Pterostylis cycnocephala*.

Leaves: *Acianthus pusillus*, *Eriochilus cucullatus* (with seedpod)

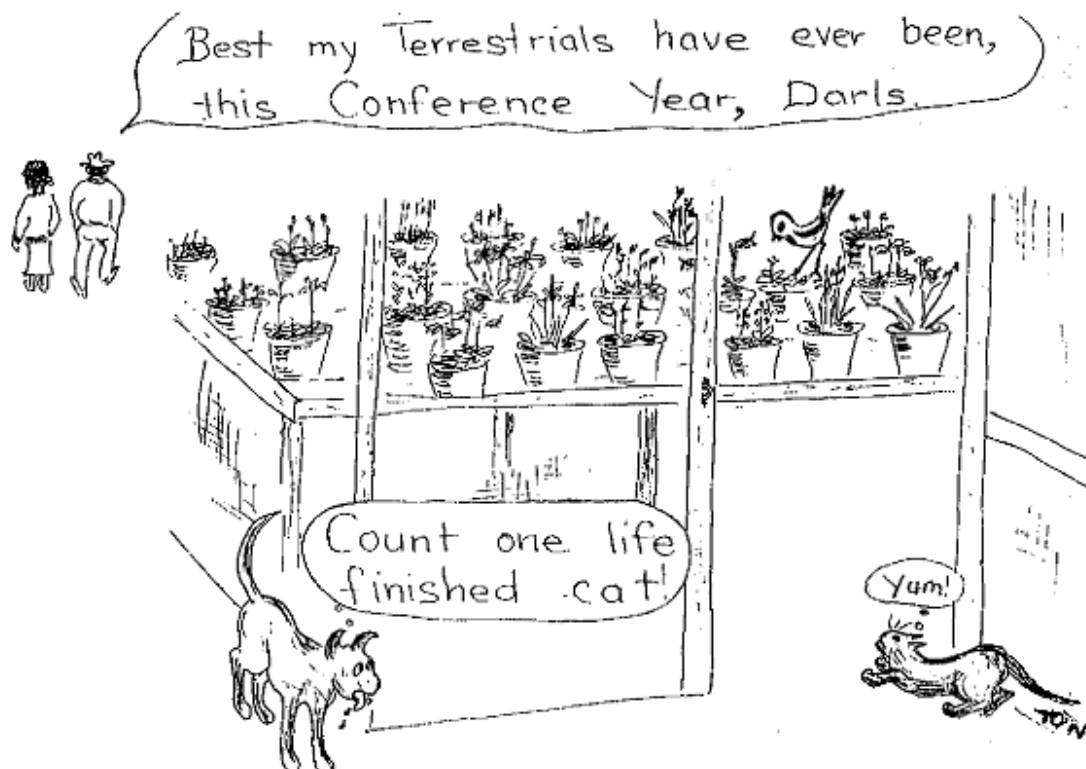
Buds: *Cyrtostylis robusta*

Monarto Conservation Park

Flowers: *Cyanicula deformis*, *Pterostylis cycnocephala*, *Caladenia filamentosa* var. *tentaculata*, *Pterostylis nana*, *P. dolichochila*, *Cyrtostylis robusta*, *Acianthus pusillus*, *Pterostylis sanguinea*

Buds: *Caladenia* sp. including *Caladenia stricta*

Seedpod: *Genoplesium* sp



THIRD AUSTRALASIAN NATIVE ORCHID CONFERENCE AND SHOW THANKYOU

by GERRY CARNE

By the time NOSSA Members receive this Journal, it will be only a few days before the Third Australasian Native Orchid Conference and Show. Many registrants will not receive a copy until the Conference has actually started. I do trust that this year's Conference and Show will prove to be as spectacular and enlightening to you as we have promised. Adelaide has had a very unusual late autumn and winter and many of our orchids are totally confused as to what they should be doing and when they are to display their very best smiles.

Our very warm welcome to all who are attending the Conference and Show, whether as full registrants or as visitors to the Native Orchid Show itself. For Inter-State and Overseas visitors, if there is anything we might be able to help you with to make your stay in South Australia truly enjoyable, please let us know.

I wish to take this opportunity to thank quite a few people and groups for their terrific support of the Conference over the past nearly three years. I hope that I have not forgotten anyone, but the chances are that I will. My sincerest apologies to those I might have missed.

Where should I start? First I would like to thank The Council of A.N.O.S. for giving NOSSA the great privilege of hosting this year's event, for their considerable support, guidance and assistance over the past nearly three years, and for their considerable financial assistance. The Council of course represents all twenty five A.N.O.S. and A.N.O.S., affiliated societies in Australia and New Zealand. A.N.O.S. President Barry Collins and Janet and Bob Napier have been of particular assistance and help.

I would like to thank those Societies that have assisted us by selling raffle tickets, sponsoring the Special Show Prizes, making other donations, preparing poster and other displays, and for bringing their orchids, whether they be live plants, cut flowers, 35mm slides, photographs, paintings or crafts to Adelaide for all to enjoy. I think the A.N.O.S. Warringah Group and in particular Ruth Rudkin deserve special recognition given the terrific support we have received from this small Society. A.N.O.S. Sydney have also been exceptional in their response to the Conference and Show. Graeme Bradburn (Wollongong and District Native Orchid Society) is to be both complimented and thanked for the considerable world-wide exposure that he has given to the Conference (and A.N.O.S. in general) on the Internet World Wide Web. He has devoted a lot of time to this end.

I wish also to thank those highly distinguished individuals who have agreed to speak before the Conference delegates. They have given considerable time and energy to be before us in Adelaide. Unfortunately, two of our speakers will not be delivering their papers for reasons of health. Wal Upton suffered a mild stroke only a few months before the Conference. I am very pleased to say Wal has made a seemingly miraculous recovery and is almost as good as new again. New Zealand's Malcolm Campbell, also selected as a speaker, was recently diagnosed to have cancer and although he could not be with us in person, prepared an excellent video of his talk. Regretfully, Malcolm passed away two months ago. His video will be shown at the Conference.

Several South Australian Exotic Orchid Societies/Clubs are also to be thanked. The Orchid Club of South Australia has been terrific in its support over the past three years. Several South Australian Orchid groups have put in displays and several have sponsored the Special Prizes. All have sold raffle tickets on our behalf. We couldn't host a world class event without their very valued support.

I wish too, to thank the nurseries and other vendors who have generously sponsored the printing of the registration forms and other information sheets, and those who have purchased spaces in the Sales Arena. Bruce Mules has provided three excellent clones of *Dendrobium speciosum* to be raffled at the Conference, and NOSSA Life member Les Nesbitt has been most generous in many ways. It is unfortunate, I think, that Les is placing his Kersbrook terrestrial orchid nursery on the market.

Many thanks to those who have contributed raffle prizes and items for the registrants satchels. How about the Neutrog Fertilizer Showbags? - terrific aren't they! !

Everyone who visits the orchid show must be impressed with the Conference totem which depicts through large slabs of River Red Gum (*Eucalyptus camaldulensis*), *Diuris corymbosa*. It is, to say the least, outstanding, and I am certain many will want to have their photographs taken in front of it. The totem is the work and genius of Don Wells, who also hand-crafted each of the chalices handed out to our speakers. Many thanks to Don and his wife Bubs, for their terrific contributions.

We are very honoured and privileged to have Dr Barbara Hardy A.O. officially open the Conference for us, and Adelaide's Malcolm Campbell speak at our Presentations Dinner. Many thanks to both of these very special people.

The Conference Committee comprising Reg (Proceedings Volume) and Jill (Registration) Shooter, Helen and Charlie Edwards (Speakers), Pauline and Geoff Edwards (Opening Ceremony), Joan and John Peace (Tours), Jill Taylor and Neil Christoph (Catering and Hospitality), Bill Dear (Show Marshall), Roy Hargreaves (Liason, Publicity and Construction), Ron Robjohns (Treasurer), Les Nesbitt (Registrar of Judges), Karen Possingham and Greg Moss (Conservation), Bob Bates (Field Trips) and others have been working very hard over the past nearly three years to ensure that the Conference and Show will be truly spectacular. All have contributed in many ways. Margaret and Gordon Hewitt, members of the Orchid Club of South Australia, have been very generous with their time and talent in typesetting the entire Proceedings Volume. Thelma O'Neill, Sylvie Creed, Thelma Bridle and Allan and Kate Jennings have also contributed significantly to the Conference.

Finding your way around Flinders University Campus

Flinders is a beautiful Campus and I suggest that all visitors drive around the Ring Road to gain an appreciation of its setting. A Site Plan of the University is included in the Journal,

Thank you for agreeing to set up a display at the Third Australasian Native Orchid Conference and Show. To assist you in finding your way, I am enclosing some maps of the Flinders campus. The Orchid Show will take place in the Students Union Refectory (Location 17). The main refectory entrance is off a level known as the Plaza. Lectures are being held in the Matthew Flinders Theatre (Location 19). The Cocktails/Ice-breaker evening and the Presentations Dinner are also being held in the Students Union Building.

Setting Up - Set up will be Wednesday, 25 September, from about 8 am to about 5 pm. Those with plants etc should follow the ring road beyond Car Parks 1 and 15 to the laneway that leads to the School of Engineering (Location 39). It is then only a matter of following the road to the plaza and driving up the ramp to the designated unloading area. Signs will direct you along the entire route. We need lots of assistance in setting up and will be very thankful for any help you may be able to give.

Take-out time - Sunday 28th from 4-6pm,

Car Parking - For those with cars, it is recommended that Car Park 5 be used. Car Park 1 can also be used but there is an uphill walk from the car park, Car Park 6 is expensive. There is no charge for parking on weekends. Vouchers will be issued to those assisting with the Conference/Show.

WE WANT to make the Third Australasian Native Orchid Conference and Show an outstanding event and with your assistance, I am certain we will. Please be generous with your time. We need lots of assistance on the Crafts and Registrations tables and in keeping a watchful eye out to ensure that plants, paintings and photographs are not mistreated by the general public.

Don't Forget If you have a native orchid in flower, even just one, we would like it to be on display at the Show. Some very spectacular composite displays can be made with a host of individual plants. We also want paintings and prints, photographs, crafts to exhibit in the Gallery, and floral art arrangements (including corsages), utilising native orchids from the Australasian region. Tell your friends about the Orchid Show and be prolific in your distribution of posters advertising the Show. If you have not already done so you can, if you wish, register on the Wednesday or Thursday morning of the Conference. Those interested may register for the entire Conference and Show.

Any Questions?? Call Gerry Carne - 8332 7730.

CONSERVATION NEWS

Heritage agreements: there are now in excess of 1000 heritage agreements in South Australia. 500 000+ hectares of privately owned but conserved bushland,

Salvation Jane, biological control:

A weevil *Mogulenes larvatus* trialled in Victoria in 1995 killed all plants at the release site! Soon to be released in South Australia and this should, in combination with the rabbit Calicivirus, initiate a huge rehabilitation of native plants in areas such as the Flinders Ranges! Good for the orchids too!

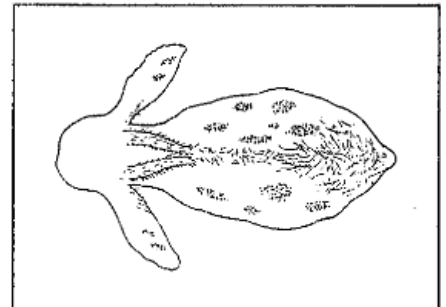
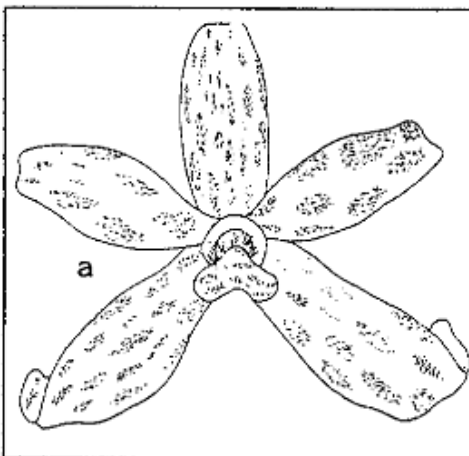
New conservation parks include - Coward Springs: a 50 000 hectare desert park to protect mound springs. No orchids there!

DIPODIUM PARDALINUM - D. JONES

by R. BATES

A recently described third species of Hyacinth orchid for South Australia

Once there was *Dipodium punctatum*; now we have three recognised South Australian species of hyacinth orchid: *Dipodium roseum* (the only taxon in the Adelaide Hills), *D. campanulatum* with its bell shaped flowers locally common from Naracoorte southward and *D. pardalinum* quite rare from Padthaway southward. Sometimes all three occur in the same area ie Carolina Forest!



The new species *D. pardalinum* is easily recognised through having white flowers with lots of well defined pink spots, whereas *D. roseum* has pink flowers with suffused blotches and a striped labellum (no stripes in *D. pardalinum*). It occurs in sandy woodland usually as scattered plants whereas *D. roseum* and *D. campanulatum* are commonly gregarious.

SOME FAMOUS NATIVE ORCHID FACES

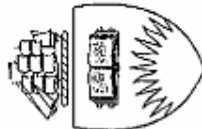


BACK ROW (L-R) Michael Harrison (Past President ANOS Sydney Group), Murray Corrigan (Past President ANOS), Sid Batchelor (Past Registrar ANOS), Wal Upton (Past President ANOS), David Titmuss (ANOS Sydney Group), David Banks (President Orchid S.P.E.C.I.E.S. NSW)
 FRONT ROW (L-R) Leo Cady (Author of Australian Orchids in Colour), Alick Blomberry (Author of many books on Australian Plants) and Alick Dockrill (Author of Australian Indigenous Orchids).

AUSTRALIAN NATIVE ORCHID HYBRID REGISTRATIONS

(New registrations from lists in The Orchid Review, September/October, 1995)

NAME	PARENTAGE	REGISTERED BY
Dendrobium		
Alick Dockrill	Maron x speciosum	Florafest
Allstar	Star of Dawn x Star of Gold	N. Mitchell (S. Batchelor)
Border Sunset	Gulginni x Star of Gold	S. Penman
Burgundy Cream	Peewee x Dot Sheen	N. Finch
Butter Gold	Susan x Emma	W. Turville (R. & D. Sheen)
Butter Star	Star of Riverdene X gracillimum	W. Turville (R. & D. Sheen)
Candice	Zip x Aussie Quest	Greg Field
Copper Blaze	Aussie Bonanza x Peter	W. Turville
Elladae	Ellen x adae	N. Mitchell (S. Batchelor)
Gillieston's Royalty	Peewee x Gulginni	Florafest (W. Skillicorn)
Kate Turville	Regal Affair x Zip	N. Finch
Lisa Turville	Regal Affair x Ellen	N. Finch
Sarcochilus		
Kirra-Lea	Heidi x fitzgeraldii	Greg Field
Sherlock	Pinky x hartmannii	W.J. Harper (SherlocksOrch.)



**FLINDERS
UNIVERSITY**
ADELAIDE • AUSTRALIA

SITE PLAN

- 1 Sturt Theatre
- 2 Sturt-North Wing
- 3 Sturt-East Wing
- 4 Sturt-West Wing
- 5 Sturt-South Wing
- 6 Sturt Library
- 7 Sturt Pool
- 8 Sturt Gymnasium
- 9 Child Care Centre
- 10 Child Care Centre
- 11 Student Units
- 12 University Hall
- 13 Sports Pavilion
- 14 Sports Centre
- 15 Registry Building
- 16 Shops
- 15A Bus Terminus
- 16 Student Centre

- 17 Union Building
- 18 Refectory, Tavern, Restaurant, Clubs and Societies Association, Library
- 19 Matthew Flinders Theatre
- 20 Drama and Music Studios
- 21 University Club
- 22 Humanities Building
- 23 Lecture Theatre North 1 and 2
- 24 Lecture Theatre North 3
- 25 Social Sciences North
- 26 Art Museum
- 27 The Pendopo
- 28 Social Sciences South
- 29 North Lecture Theatres 4 and 5
- 30 Law/Commerce Building
- 31 Biological Sciences Building

- 31 South Lecture Theatres
- 32 Mathematics Building
- 33 Physical Sciences Building
- 34 Computing Services
- 35 Campus Computer Shop
- 36 Public Relations and Information Office
- 37 McHugh's Cafeteria
- 38 Physical Sciences Workshop
- 39 Earth Sciences Building
- 40 South Lecture Theatre 3 Tele-Theatre
- 41 Information Science and Technology Building
- 42 Flinders Technologies
- 43 Engineering Building
- 44 Services Building
- 45 Flinders Press
- 46 Library Store
- 47 Health Sciences (Medical School)

Social Sciences
Road

