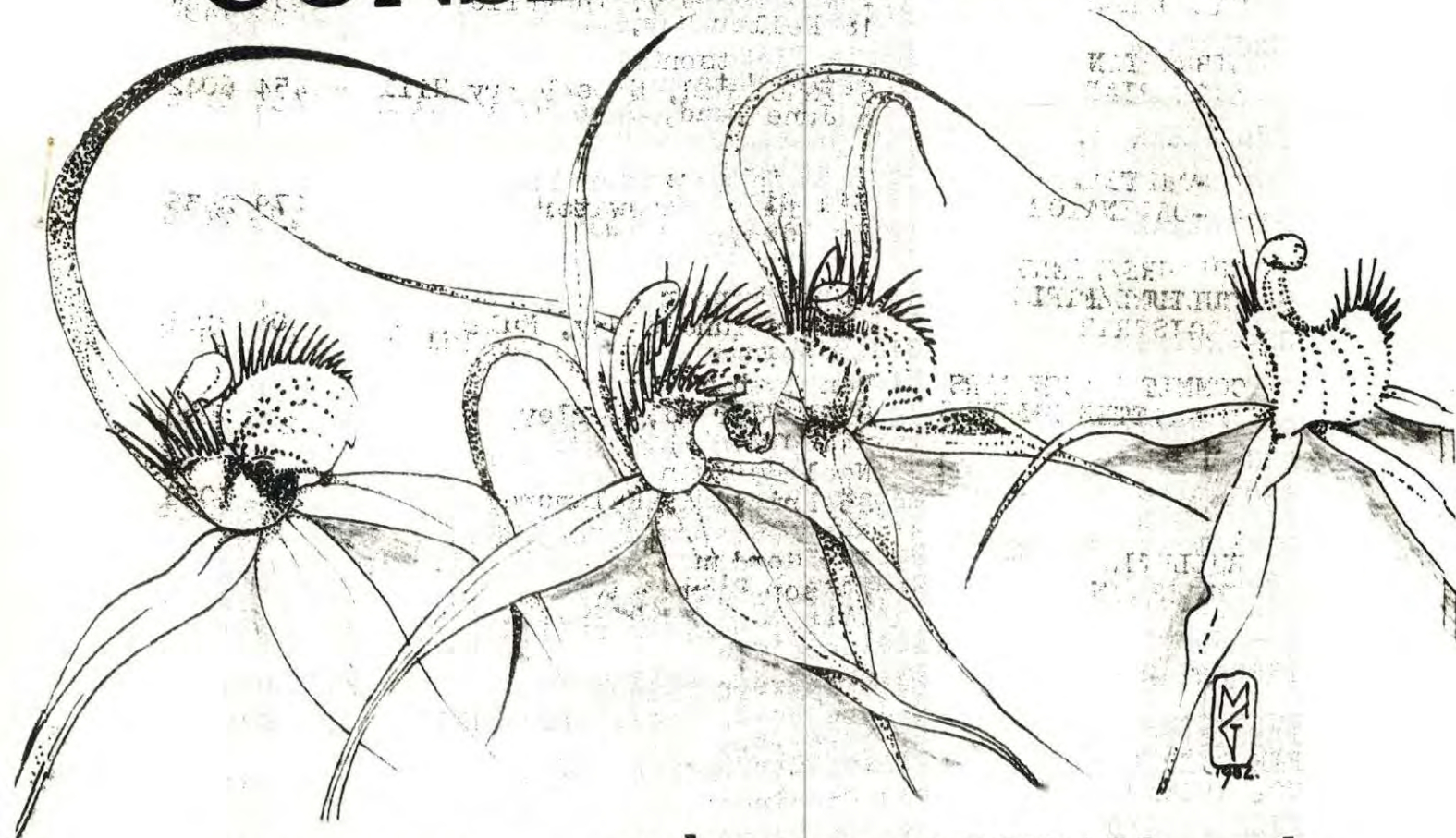


THE W.A. NATIVE ORCHID STUDY & CONSERVATION GROUP



MEETINGS... 3rd WEDNESDAY each
month at..

Western Australian Department of Agriculture
film room, Jarrah rd. BENTLEY

Official Bulletin
PRICE 40c

DEC 1983

REGISTERED BY AUSTRALIAN POST
PUBLICATION NO. WBH 1240

PATRON	Sir Crawford Walder	
PRESIDENT	Noel Clarke	
VICE PRESIDENT	Andrew Brown	
SECRETARY	Marie Pickersgill	
TREASURER	Fay Gordon	
LIBRARIAN	Peter Watson	
FIELD TRIP CO-ORDINATOR	Sid Gibbines	
CULTURE/FIELD REGISTRAR	Steve Hopper	
COMMITTEE MEMBERS	Don Graham	
	Noel Hoffman	
BULLETIN	Fay Gordon	
	Alison Harrington	

THE WEST AUSTRALIAN NATIVE ORCHID STUDY AND CONSERVATION GROUP

OBJECTS OF THE GROUP

- a. To promote interest in and preserve Western Australian indigenous orchids.
- b. To learn the best means of cultivation and do all things possible for the conservation of native orchids in their natural environment.
- c. To learn their habitats and keep records.
- d. To have field days and learn to recognise the different genera and species.
- e. To hold meetings for the exchanging of knowledge and furthering of interest in Western Australian orchids.
- f. To affiliate with kindred organisations.
- g. To make rules for the governing of the Group's domestic affairs.
- h. To do all such other lawful things as are incidental to or conducive to the attainment of the above objects or any of them.

NEXT GENERAL MEETING

- WEDNESDAY - 21st MARCH 1984 - 8 p.m.

Theatrette, Kings Park Board Administration Centre, Kings Park, WEST PERTH.

This will be a standard general meeting as the AGM is now in November.

Please remember the new venue!

COMMITTEE MEETING

- WEDNESDAY - FEBRUARY 1st - 1984 - 8 p.m.

at Noel Clarke's

ANNUAL GENERAL MEETING

Held in November for the first time it proved to be very successful. The following Committee positions have been filled.

President -	Noel Clarke
Vice President -	Andrew Brown
Secretary -	Marie Pickersgill
Treasurer -	Fay Gordon
Librarian -	Peter Watson
Field Trip/Culture Registrar -	Steve Hopper
Field Trip Co-ordinator -	Sid Gibbings
Committee Members -	Don Graham
	Noel Hoffman

Congratulations and we wish you all a successful year together.
There was no business arising.

GENERAL MEETING REPORT

The AGM was followed by the November General Meeting. At this meeting it was agreed to the proposal put forward by the Committee that the annual fees be increased to \$10 per mailing address for a Bulletin. i.e. Family, Country, City and Junior all pay the same amount.

Unfortunately costs have and are going to rise so much that the increase is essential.

The Committee notified the Group of the change of meeting venue to the Theatre at the Kings Park Board Administration Centre - A map is included in this Bulletin.

The raffle, a beautiful framed enlargement of a photograph by Andrew Brown of *Diuris longifolia* was won by Glad Crowder much to everyone else's envy! Ron Perry provided the frame for this delightful prize.

NOVEMBER MEETING TOPIC

We were delighted to have Warren Stoutenmeyer present a talk on the study he is doing on the Wasp pollination of terrestrial orchids, in particular the *Drakea* group. Warren asked particularly if any member both here in W.A. and in Australia have photographs of any pollination of any terrestrial orchids could they provide him with a copy writing to him c/o W.A. Herbarium, George St, South Perth. W.A.

Unfortunately the talk was not taped, but it was mostly slides and specimens so would have been inadequate cover anyway. Warren will be writing up his research and we will endeavour to notify you of when and where this happens.

This is not Warren's first trip to W.A. and he is well known to many of the members so he was welcomed with warmth.

NEW MEMBER

Welcome to Malcolm Thomas of Victoria.

CHRISTMAS PARTY

As our venue of previous years was not available this year it was decided to try a variation on the theme. Consequently the Christmas Party was combined with a field trip to Boulder Rock on Brookton Highway.

It proved to be an enjoyable day as it included the younger members of our club (including 9 mth Catherine Harrington in her first venture into the bush.) Marie Pickersgill baked the Christmas Cake raffle and Nancy Clarke iced it beautifully. We hope the winner, Brett Watson, will share it with his parents.

Spiculea ciliata, the main target of our observations was in splendid numbers. Also found in our travels were *Caladenia patersonii*, *Elythranthera emarginata*, *Microtis unifolia*, *Prasophyllum brownii*, *Caladenia marginata*, *Thelymitra fuscolutea*, *Diuris setacea* and seed pods of *Pterostylis recurva*, *Thelycrinita*, *Thelyflescuosa* and *Cal flava*.

Dieback was quite obvious in the Jarrah forest surrounding the rock and cool weather burns are usual in the area to reduce the fire risk from the barbeque sites, so we were lucky to find such variety. Other than *spiculeda* all other species were found in ones and twos only.

PRESIDENTS REPORT

It is with pleasure I present my report for 1983.

We have had a year of consolidation this year and the club has strengthened because of it.

Our meetings were as usual well attended. Dr Stephen Hopper did more than his fair share of talking for which we thank him very much. In 1983 Stephen has finalized his naming of new Drakea varieties, has investigated the Caladenia heugelli species resulting in a splitting into a number of varieties, and has worked on sorting out the C. filamentosa family. All these revisions are awaiting processing and publication. The Fisheries and Wildlife booklet on Orchids of the Metropolitan Area required more work in 1983 and publication is therefore delayed.

Andy Brown and Noel Hoffman are eagerly awaiting news of publication of their book on Orchids of S.W. Western Australia.

With these two publications both the public and members will have an excellent reference source of all our orchids. Something long overdue.

We were sorry during August to say farewell to Terry and Sheila Wells. Unfortunately Terry was unable to report on his year's work due to injury and we will have to await publication. They are much missed.

During the year the club voted to change the AGM to November. This appears already to be a worthwhile move enabling the new Committee to plan the next year well in advance.

The committee decided that the offer of use of the Kings Park Board Theatre as our meeting venue should be accepted and this takes effect in 1984. The standard of facilities the accessibility for parking and the central location should make this a very positive move.

As has become usual, the Field trips have been ably organized by Sid Gibbings and even though the loss of his wife, our dear friend Lory, he has managed to contribute with his usual high standard.

Fay Gordon has been the mainstay again, of the Bulletin in 1983 and her efforts should be appreciated as it is a difficult, time consuming task, but one essential to the club's vitality.

The Constitution was amended in 1983 to give the President a maximum of 2 years in office. Consequently, as this is my third year I now retire. I wish our new President the very best and hope he continues to get the support, enthusiasm and good spirit from his Committee members that I have had in the past 3 years.

My thanks to Noel Clarke who as Vice President has had to give me much active support this year.

Financially, the Club remains on a sound basis. Costs have risen markedly in 1983 and notice has already been given that they will do so markedly again in 1984. Consequently fees have been increased for 1984 to \$10 per person, country, city and the same for family or junior membership. ie. every address receiving a Bulletin pays \$10. Thanks must go to our Treasurer Fay Gordon who maintains our books excellently.

Unfortunately no clear winner appeared in our Plant Display voting as it was tied between 3 people. It was decided that no prize could be presented in that circumstance and we extoll members to compete more vigorously in 1984.

The slide competition has resulted in a few more slides in our library. Thank you to the participants.

Thank you must also go to our guest speakers. The club very much appreciates people who are willing to spend their time preparing a talk for us as the input from guest speakers is very stimulating.

1984 - we are proud to announce is our 10th Anniversary. I look forward to joining all members in another vital year in our common joy in our native orchids.

Thank you, Alison Harrington.
Retiring President.

LIBRARY

The library, as a source of information for members has been given little opportunity to operate this last season. It was obvious from the night we farewelled the Welles that given the opportunity members do like to have access to it.

For the benefit of members from the country and other states, we tried taping talks given by visiting speakers. Taking notes has always been a problem since we're mostly in the dark - literally - and it was hoped that tapes would overcome this problem. Tapes however, were not the solution since speakers have a bad habit of moving too far from microphones and the practice was discontinued.

Although no time limit has ever been set on borrowing periods, all books and notes out on loan are now OVERDUE. Before handing over to the new librarian I wish to make an overhaul of the library contents so please return NOW to 31 Shearwater Way, Gosnells.

Our new librarian, Peter Watson has an idea that he hopes will make access more convenient to members. I wish Peter every joy with the library and know he will do a better job than I.

Marie Pickersgill.

DECEMBER 20 DEADLINE FOR SERIES 111 ATLAS SHEETS

The Series 111 Interim Atlas maps will be collated and distributed around the end of January. In order to allow sufficient time for computer processing, it is necessary to close the books on incoming sight record sheets by December 20.

I'm hopeful that the Series 111 maps will contain information from the largest number of new sheets yet. Already 102 have been received, and a further 125 that just missed out on inclusion in the Series 11 maps are available.

After such an excellent orchid season, there must be many sight records needing a last minute effort to complete sheets for the Atlas. I know I have a notebook full. If a special effort is made to complete all records for this season, we should have an excellent set of maps covering the south-west. As there won't be another general meeting before December 20, please mail completed sheets to me [redacted] or give them to other Committee members to pass on to me.

Steve Hopper.

REQUEST FOR LOAN OF SLIDES OF EASTERN STATES SPIDER ORCHIDS

I wonder if members of the WANOSCG and of eastern state's orchid clubs could help with the following request. I am currently engaged in a revision of W.A. members of the genus Caladenia. It's become apparent that I need to know more about eastern states species before drawing firm conclusions about those in W.A. For example, careful comparisons of eastern and western members of the C. Patersonii, C. filamentosa, C. huegelii and C. longiculavata groups are needed.

Whilst I have been able to see and borrow a good range of herbarium material of eastern states Caladenia, this is no substitute for seeing fresh specimens or slides/photographs of the same. I am seeking assistance from anyone interested in lending a selection of slides of eastern states Caladenia to me to examine and duplicate for further study.

Specifically, I am seeking a few examples of each eastern species (especially South Australia, Victorian and Tasmanian) that show normal specimens and major common variants. In variable groups such as C. patersonii and C. filamentosa, several slides would be most welcome. It would help if the location date and species name were provided on each slide.

Any assistance received will be acknowledged in the published revision. I would appreciate eastern affiliated groups of NOSA publishing this request in their newsletters if space allows.

Stephen Hopper,
W.A. Wildlife Research Centre,
P.O. Box 51, WANNEROO.
W.A. 6065

CALADENIA flava

Caladenia flava is commonly called the 'Cowslip Orchid'. It is one of the easiest orchids to recognise by leaf. It's distribution is very wide spread throughout the S.W. of W.A.

The plant is usually less than 30cms tall. The flowers, 2 to 5 up to 4.5 cm diameter, are yellow with red spots or lines usually on the dorsal sepal and petals which are broadly lanceolate. The labellum is up to 1cm long and broad with a short concave 3 lobed claw. The short lateral lobes hug the column and the longer middle lobe is edged with several calli. 8 calli in 2 rows on the basal half of the labellum look like an inner plate.

The leaf, large for the plant, is long lanceolate and having usually distinctively maroon on the reverse. The flower stem is also hairy. The underground system is wooly and knotty with several branches from the tuber about 45cm underground.

The flowering season extends from August to November.

Note to seekers - The Atlas sighting reports lists very few locations for this orchid so get busy.

Noel Clarke.

CALADENIA sericea

The common name for Caladenia sericea is the 'Silky Blue Orchid'. It is a robust plant to about 35cm tall with a hairy stem and a velvet like oblong - lanceolate leaf about 8cm long.

The flowers, 1 or 2, are blue or mauve. The sepals and petals are nearly equal about 2cm long oblong - lanceolate. The labellum is erect, 3 lobed, dark and spotted with black calli. The tip of the middle lobe is white and recurved also spotted and fringed with black calli. 4 rows of black calli extend to the base of the middle lobe.

The underground system is wooly with the tuber about 15cm down.

The flowering period is from July to October in the S.W. of W.A.

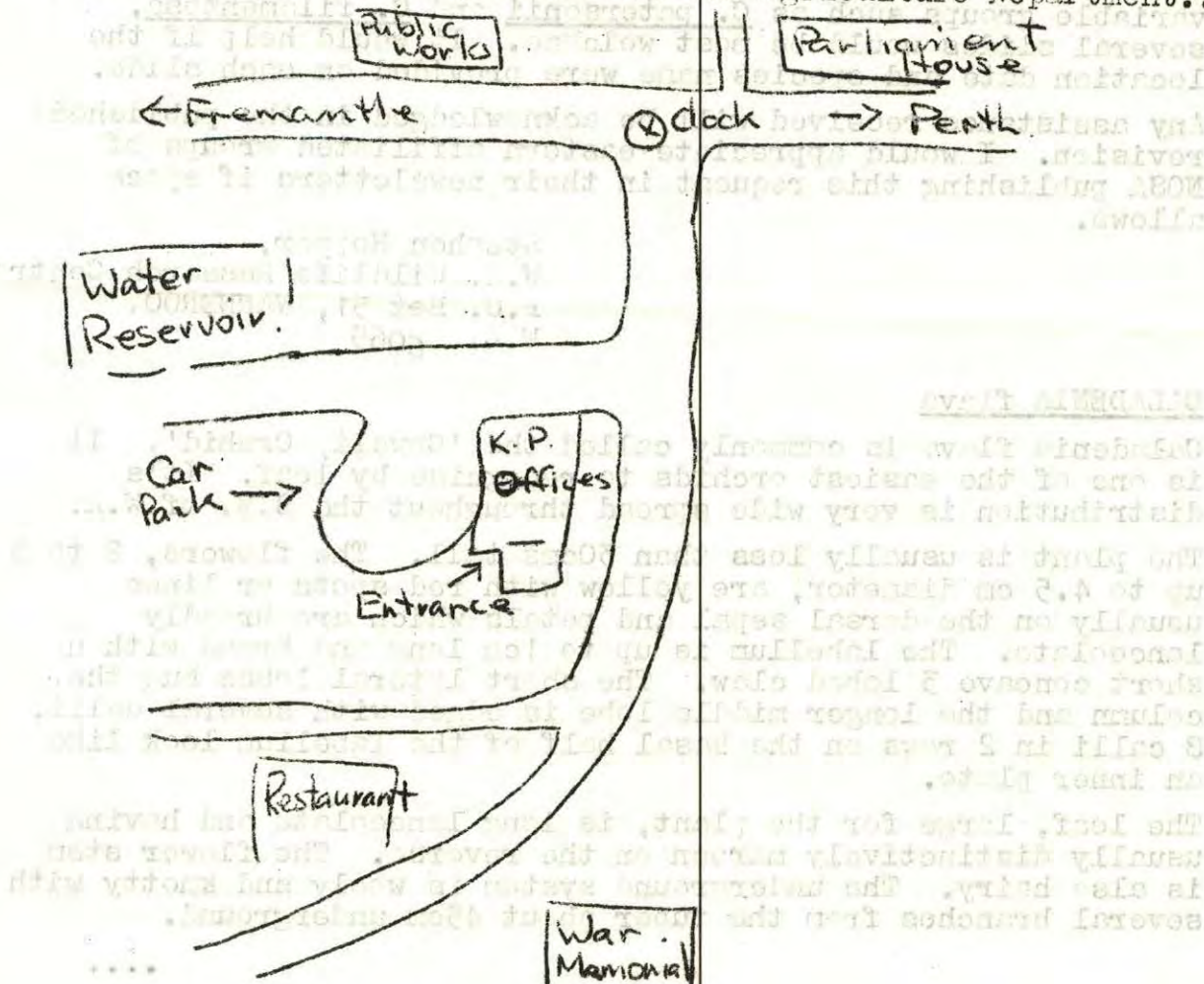
Noel Clarke.

MUD MAP TO KINGS PARK VENUE

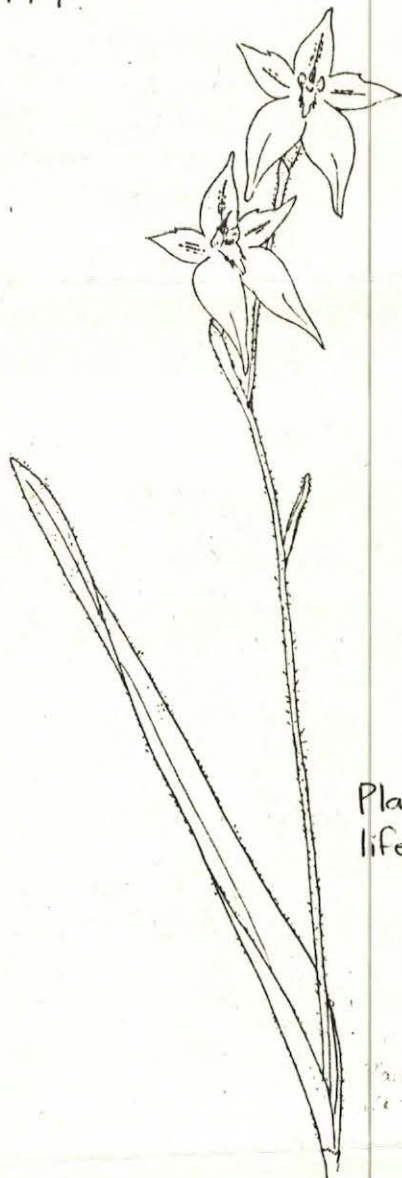
From the South - Come off Freeway at Hay Street, turn left and go behind Parliament House. Turn right into Kings Park Road then left into Fraser Avenue.

From the North - Come off Freeway into Car Park No 2, go up Mill Street, left into St Georges Tce and left into Fraser Avenue.

Don't forget and find yourself at the Agriculture Department!!!



Caladenia flava,
 Leach Hwy, Aug 1979.



Plant
 life size



labellum + column
 side view x6

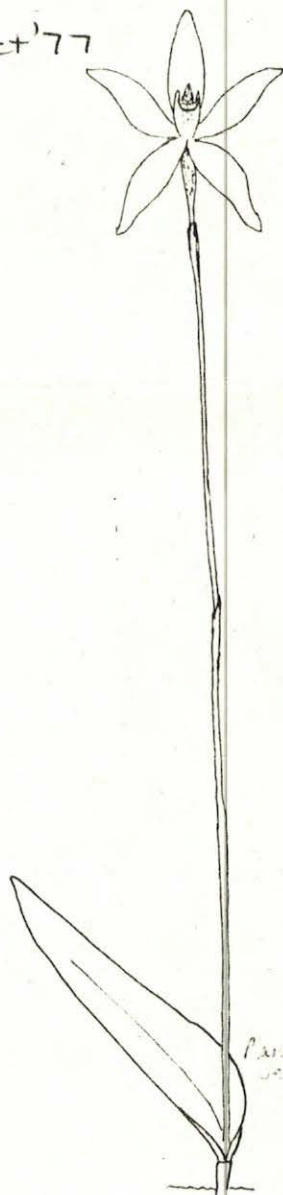


labellum
 front view
 x6

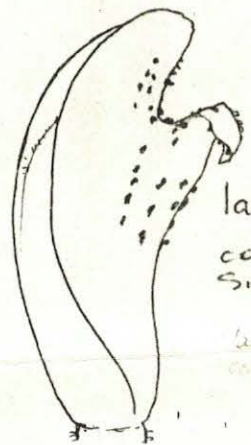


column
 front view
 x6
 Column
 front view
 x6

Caladenia sericea
Mt Frankland Oct '77



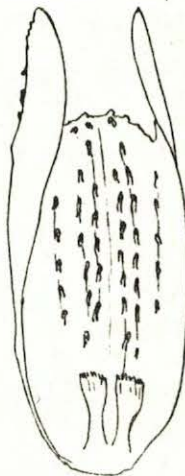
Plant
Life Size



labellum
and
column
Side view
x5



Column
front view
x6.



labellum
from above
x6.

labellum
from above
x6

A.W.

Herbarium Records 1979.

• *Caladenia sericea*.

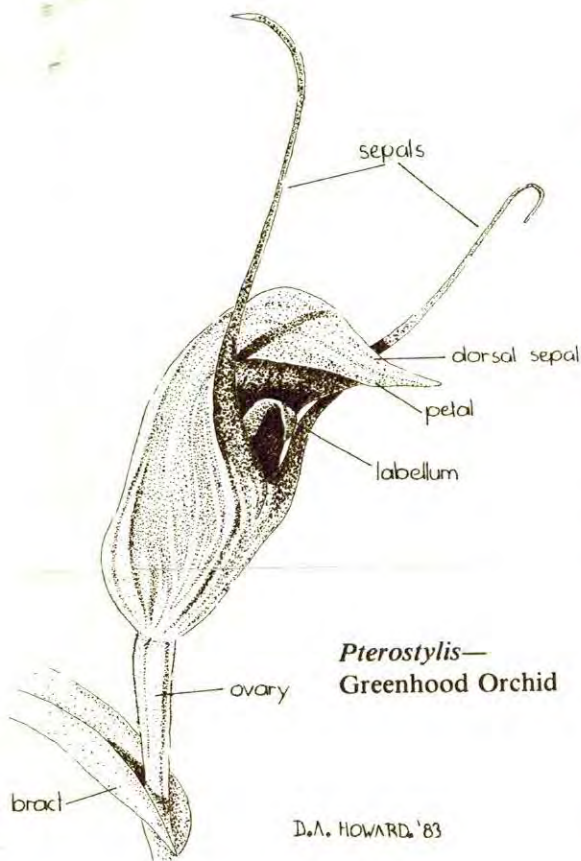


Orchids of South-West Australia

The main purpose of this book is to provide an easy means of identification of the native orchids of South Western Australia. This has long proved a major source of frustration to the individual who has had to rely upon interpretation of technical descriptions, there being too few illustrations available.

Confusion has also existed concerning the classification of some species. Some have been named on three or more occasions, and others, such as the *Pterostylis rufa* group, have been placed with eastern States species even though they do not quite match them. Increased interest in orchids has led to the recent discovery of at least twenty new species, and no doubt others will be found. Many of the original specimens collected were retained in herbaria in Europe, making access to the records difficult. Some records have been lost and in some cases specimens have been badly damaged. This situation has made it difficult for not only the amateur but also the professional botanist to identify specimens and to draw up a complete list of Western Australian orchids.

This book attempts to overcome many of these problems and amateurs should be able to easily identify the majority of their specimens. The pictorial key will direct attention to the section of the book containing the orchid to be identified or studied. Attention will be drawn to the main features of identification, conditions of growth, location, flowering dates and common names. It will also be noted that where species are similar in form they have been arranged in colour from white through yellow to red, blue and green.



by
NOEL HOFFMAN
and
ANDREW BROWN

170 FULL COLOUR PLATES OF SPECIES

Key to the Genera illustrated in full colour, distribution map for each species, line drawings, botanical and common name indexes, glossary of terms, references

ISBN 0 85564 226 2. Approximate R.R.P. Paper \$25, Cloth \$35.00

Please send me copies ORCHIDS OF SOUTH-WEST AUSTRALIA

NAME

ADDRESS

Cheque enclosed

Charge my account

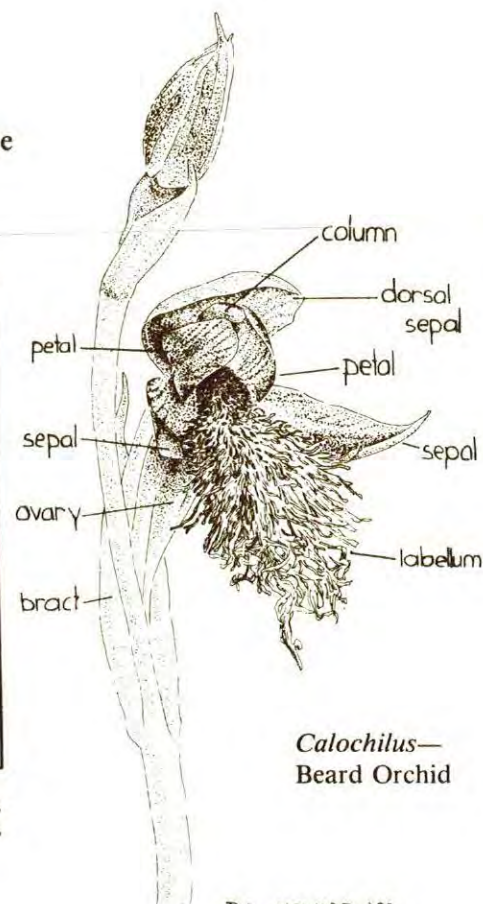
ORDER FROM



UNIVERSITY OF WESTERN AUSTRALIA PRESS

Nedlands, Western Australia 6009
or from your usual Bookseller

OR AGENTS



Agents: Eastern States of Australia and New Zealand: Melbourne University Press, Carlton South, Vic. 3053; U.K. and Europe: Peter Moore, P.O. Box 66, 200a Perne Road, Cambridge CB1 3PD, England; U.S.A. and Canada: International Scholarly Book Services Inc., P.O. Box 1632, Beaverton, Oregon 97075.

D.A. HOWARD '83

ORCHIDS OF SOUTH WEST AUSTRALIA

Latest publishing date - Late March.

Cost to Group members - Linen cover - \$30

Soft cover - \$21

Please forward payment to Mrs Gordon
by end of first week in March.