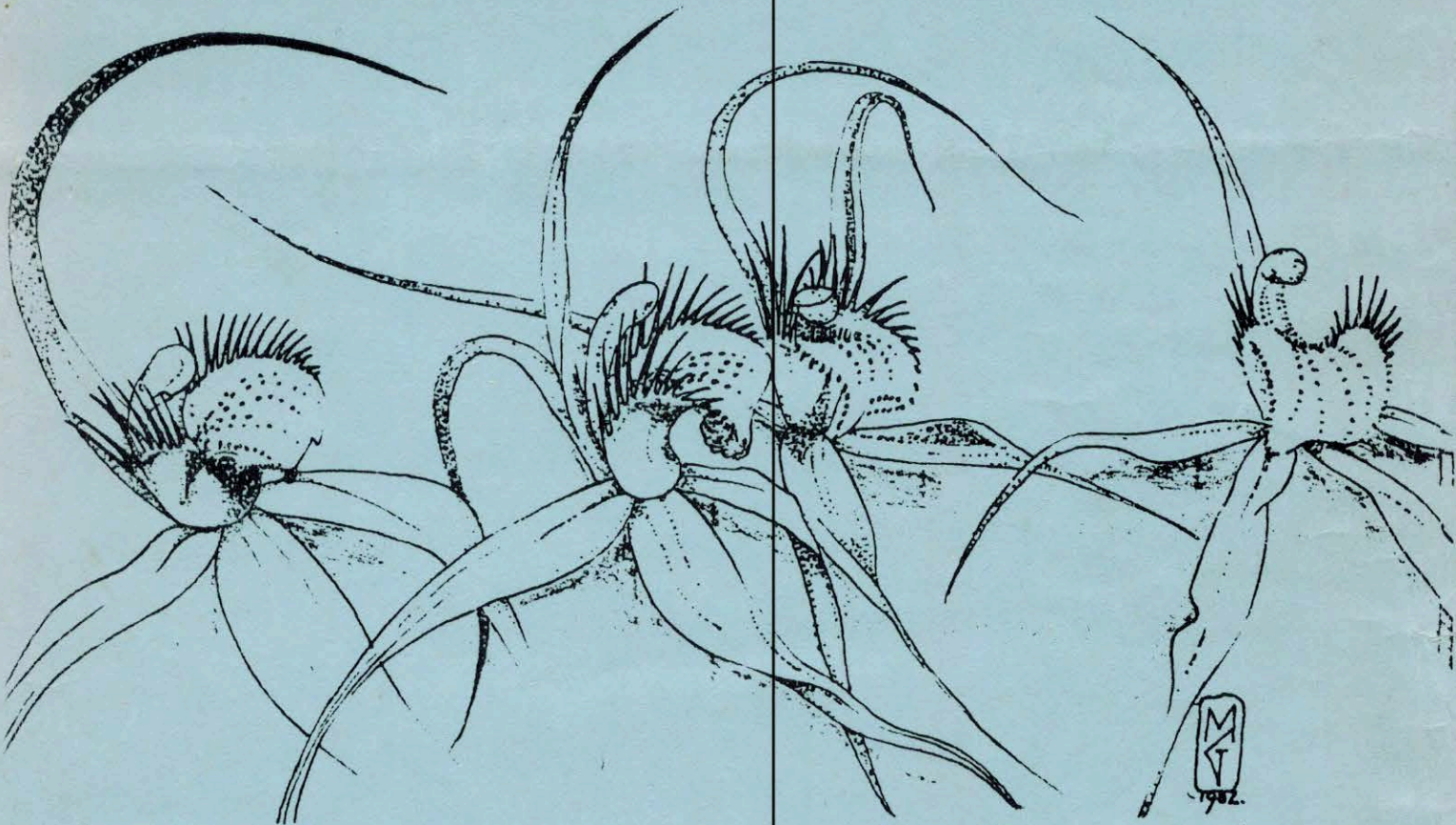


THE W.A. NATIVE ORCHID STUDY & CONSERVATION GROUP



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

KINGS PARK BOARD ADMINISTRATION CENTRE
Theatrette, KINGS PARK, WEST PERTH.

Official Bulletin
PRICE 40c

SEP 1984

REGISTERED BY AUSTRALIAN POST
PUBLICATION N^o. WBH 1240

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.

YOUR COMMITTEE - 1984

PATRON Sir Crawford Nalder

PRESIDENT Noel Clarke

VICE PRESIDENT Andrew Brown

SECRETARY Marie Pickersgill

TREASURER Fay Gordon

LIBRARIAN Peter Watson

FIELD TRIP Sid Gibbings

CO-ORDINATOR

CULTURE/FIELD Steve Hopper

REGISTRAR

COMMITTEE Don Graham

MEMBERS

Noel Hoffman

BULLETIN

Fay Gordon
Alison Harrington

NOTE:

NEW POSTAL ADDRESS

P.O. Box 323,
Victoria Park W A 6100

SEPTEMBER GENERAL MEETING

Wednesday, September 19 at 8pm at Theatrette, Kings Park,
Administration Building, Fraser Road, Kings Park.

TOPIC: Andrew Brown will speak on Unnamed Species.

Supper, Raffle, Plant Display and Field Trip Reports as usual.

COMMITTEE MEETING

Wednesday, October 3 at 8pm at Sid Gibbings

AUGUST GENERAL MEETING

We were presented with a very comprehensive summary of Ron Heberle's main findings in the field of *Caladenia* hybrids - Ron has made this area his speciality over the last 8 years or so and he has travelled widely in the south west of Western Australia looking for hybrid variations. He broke his talk up into sections of proposed parentage eg. *Cal. Patersonii* and *C. lobata* and showed the variations that occur depending which parent had the strongest influence. Some of the hybrids are superb specimens, taking vigour from both parents, some are quite weak.

Ron's talk was all based on slides so is not reportable in print accurately. However, the June 1982 of "The Orcadian" has a comprehensive summary of Ron's work in this area. (In the WANDSCQ Library).

It is important to comment on the scope and depth of Ron's observations and to note that Ron delights in discussing this fascinating area of Orchid growth. Consequently, when you see Ron next, don't hesitate to question him further on this topic.

It was interesting that on the field trip to Eneabba there was a lot more interest shown in observing hybrids than on previous trips. Also, Trip Ramsay has taken hybrids to check their Mycorrhiza relationships.

Thank you Ron, as usual you stimulated our orchid enthusiasms.

PLANT DISPLAY

Acianthus reniformis var. *huegelii*

Pterostylis curta

Caladenia cairnsiana

C. dilatata var *falcata*

C. graminifolia

C. filamentosa

C. radialis

C. discoidea with *P. nana* in pot

Pterostylis curta

(Won Display)

Pt. baptisti

Pt. Barbata

Pt. nutans

Chiloglotis

Trip Ramsay brought in Petri Dishes with fungal growths from various species, showing the wide range of types and vigour of growth. It is fascinating to see this work first hand and to follow the progress of Trip's research.

ATLAS FIELD SHEETS

As stated in previous bulletins this is the last year of data collection. For your information maps are enclosed showing all records on computer file of Caladenia, Pterostylis, Thelymitra and Diuris. This will give you some idea of where Sight Record Sheets need to be completed to fill in the gaps. (eg around Dwellingup, Ongerup, the eastern wheatbelt and adjacent interior, Bunbury etc). Please make a special effort to fill in the gaps.

Steve Hopper.

LETTER TO THE EDITOR

Madam Editor,

On a recent orchiding trip I discovered that an area of bush in South Street, Bateman is to be cleared by Town & Country for housing. As the area was recently burnt there are many orchids in flower. The precise location is on the southern side of South Street between Benningfield Road and the Freeway.

Orchids that I have found in this area are:-

Caladenia deformis

C. discoidea

C. flava

C. gemmata forma gemmata

C. huegelii

C. latifolia

C. patersonii

Acianthus reniformis

Diuris longifolia (both types)

Elythranthera brunonis

Eriochilus dilatatus

E. scaber

Leporella fimbriata

Lyperanthus nigricans

Prasophyllum hians

P. parvifolium

P. ovale var triglochis

Pterostylis nana

Pt. recurva

Pt. vittata

Thelymitra campanulata

This list represents species that I have found in this area over a number of years, but now that the bulldozers have moved in its time we took the orchids out. Therefore I submit this letter for publication so that some of these orchids may be saved by our members and others who are interested.

Yours Barry Duff.

Thanks Barry. I hope some of our members take some action before it is too late.

Editor.

FIELD TRIPS

16 September. Clackline.

Meet Midland 9.00am, Centrepont Carpark.

We hope to locate Cal. triangularis .

23 September, Metro Area, Carousel 9.00am (near Kentucky Fried).

October Long Weekend. Margaret River/Augusta.

Final acceptances for numbers will be made at the September Meeting. Marie will be organizing and co-ordinating supplies. Please discuss with Syd details regarding the accommodation well in advance.

BON VOYAGE & FAREWELLS

Fay Gordon leaves 10 September for 2 months Overseas Tripping. Have a wonderful time Fay.

Val Preston offered to do the Treasurer's job but has since got a permanent appointment to work with Medicare at Kalgoorlie. Val will be sorely missed by all but we wish her the best in her new home. Thanks Val for all the work you have put into the Club. We look forward to seeing you on flying visits to Perth and to receiving reports (and Atlas Sheets this year) on Orchids in the Kalgoorlie area!!

WELCOME

- Bob Bates from NOSSA is here for 3 months. He has already turned up some interesting locations, new species and extended distributions in only 9 days! Primarily Bob will be studying *Prasophyllums* for an Australian wide review of the species. Bob will be our guest speaker in October and attending our September meeting so we have two good opportunities to talk orchids with him.
- New Member Greg Bussell [REDACTED]

FIELD TRIP TO LUDLOW.

Syd as usual drove 9 of us safely to Capel/Ludlow on what turned out to be a delightful day. We were a little late at Ludlow because Syd didn't want to walk around in his slippers and couldn't exceed 90kph, and comfort stops were called for. Unfortunately we didn't find Pat Dundas who was to join us at Capel and we didn't find the location we visited last year.

At Ludlow we were joined by Greg, Mary and Jean Bussell. Mary is not very partial to bull ants!

Trip Ramsay lead us to a location he'd visited with Andy. In flower there were Corybas dilatatus (one with 2 flowers), Acianthus reniformis var huegelii, Pterostylis nana (short eared variety), and Pt. vittata. There were lots of Caladenia leaves, mostly C. latifolia and C. flava.

After lunch we visited another location with hundreds of A. reniformis accompanied by millions of the savage mosquitoes they're named after. Blood Bank please note 9 members will not be available for blood donations for a while. An additional plant found here was Pt scabra var robusta.

Wending our way back we diverted to an exceedingly good location very close to Capel. It should be included on the Busselton trip. In flower there were Caladenia reptans, Thelymitra variegata, Pt. vittata, Pt nana (long eared variety) and Leporella fimbriata. Drakaea sp. were in bud and once again many Caladenia leaves.

Noel Clarke.

RHIZANTHILLA UPDATE

A recent edition of the Kew Bulletin from Kew Gardens, England (date not known) has an article titled - "The Underground Orchids of Australia" by Mark Clements and Phillip Crib.

In this article they review the history and taxonomy of Rhizanthella gardnerii and Cryptanthemis slateri. Consequently they have concluded that Cryptanthemis is not a separate genus but a species of the genus Rhizanthella. Consequently Cryptanthemis clateri is now Rhizanthella slateri. They also query the allocation of Rhizanthella into the tribe Gastrodicaceae and suggest it should be in the tribe of Australian Diurideae. The importance of conservation is also emphasized as the habitats of these two species are under threat.

The full Report is in the WANOS CG Library.

Dr Warcup of WAITE Institute, South Australia has successfully cultivated Rhizanthella gardnerii from seed using the Micorrhiza relationship. This is an exciting step forward in learning about and preserving this species.

KINGS PARK WILDFLOWER DISPLAY

This is unfortunately on the October Long Weekend. We will be having a display similar to 1983. Those people available to help collect cut specimens on the Friday please contact Alison Harrington.

HISTORY

Many of you attended our successful 10th Anniversary party in July. The following report of the first formal meeting has since come to light. Some very familiar names are still with us, some unfortunately not. The Group was originally formed from interested members of the Orchid Society of W.A.

W.A. NATIVE ORCHID STUDY GROUP

Chairman:	Mr Herb Foote.
Secretary:	Mr Lal. Sheppard
Slide Librarian:	Mr Reg. Land.
Committee:	Mrs Jean Long, Hon. Sir Crawford Nalder, Messrs Harry Goodchild, Roy Brown, and Ken adcock.

The group met on Monday evening 1st July in the film room at the Agricultural Dept., Jarrah Road, South Perth.

The chairman reported on having received phone calls from interested persons willing to help, and a letter was read from a resident of Bunbury offering help. A donation of \$2.00 was received from Westralian Farmers Co-operative Limited.

A short report was given on the field day of June 23rd at Madora Bay. Members present voted it a success.

Slides of native orchids, loaned by Mr Jack Ettles were shown and his use of the natural environment background was agreed to be of advantage.

Mr Andrew Brown tabled several species of orchids and spoke on his culture methods. Andrew donated a box of slides to the study group library.

Mr Reg Lander was appointed slide liberarian.

Mr Noel Hoffman showed a selection of beautiful slides and concentrated on some very rare species.

A field day will be held on Sunday 21st July. Meeting place Carousel Shopping Centre, Cannington, ready to depart 10a.m.

The next meeting will be held in the Ag. Dept. film room, Jarrah Rd., South Perth, at 8 p.m. on Friday 2nd August. The item will be "photographing native orchids" with a practical demonstration led by Herb Foote.

W.A. NATIVE ORCHID STUDY GROUP

Within the Orchid Soc. of W.A. - Group membership \$1.00.

Membership List:-

Mr H. Lodge, Mrs H. Lodge, Mr H. Foote, Mrs H. Foote, Hon. Sir Crawford Nalder, Lady Nalder, Mr R. Brown, Mr H. Smith, Mrs H. Smith, Mr F. Bishop, Mrs F. Bishop, Mr A. Bishop, Mr H. Goodchild,

Mrs H. Goodchild, Mr J. Coleman, Mrs J. Coleman, Mr M. Rice, Mrs M. Rice, Mr E.J. Thompson, Mr L. Sheppard, Mr M. Leece, Mr. K. Rex, Mrs J. Long, Mr T. Bodrogai, Mrs T. Bodrogai, Mrs E. James, Mrs W. Janney, Mr W. Janney, Mr J. Taylor, Mrs J. Taylor, Mr N. Hoffman, Mrs N. Hoffman, Mr R. Lander, Mr K. Adcock, Mrs L. Peterkin.

ENEABBA FIELD TRIP

Thirteen members (plus family for Alison) met at Arrowsmith Caravan Park at Saturday lunchtime. We proceeded 15 kilometres north along the Brand Highway where we stopped where a swamp came close to the road. The total area had been burnt last summer and new growth on the shrubs was only just starting. We found on the sandy soil many Caladenia patersonii and C. crebra, plus some beautiful hybrids. C. deformis was also in flower. In the more fertile soil near the swamp (which was dry) we located C. latifolia, C. herta, and Prasophyllum giganteum.

Travelling 5 kilometres south we took a gravel road heading east till we reached the Arrowsmith River. Along the banks we found, C. hirta, C. latifolia, C. filamentosa var? and Prasophyllum?

Moving west 1 kilometre in open sandplain burnt last summer were P. fimbria, C. deformis, C. gemmata var gemmata, C. patersonii, C. crebra.

Half a kilometre west again was a beautiful stand of Lyperanthus nigricans, plus C. patersonii and P. fimbria. All still burnt area. $\frac{1}{2}$ kilometre west again in open limestone burnt country were magnificent stands of C. crebra and C. patersonii.

After a good nights sleep (no one snored as the threats if they did so were too daunting!) we set off Sunday joined by Andrew Brown, Charmaine and Anthony. We travelled along the Enneabba - Carnamah Road until just prior to the commencement of the Yarra Yarra Lake on our left we found a patch of mature Melaleuca uncinata on our right. Here we located, as had Pat Dundas the previous day, C. roei, C. doutchae, C. radialis, C. deformis, C. flava and Pt. nana.

At Carnamah the group split, some going north some going south.

The Northern group stopped 10 km out of Mingenew and discovered stands of C. filamentosa var denticulata and nothing else.

20 km east of Dongara at the junction of Table Top Road with the Dongara - Mingenew Road a magnificent stand of Casuarina. Here were C. crebra, C. patersonii, C. latifolia, C. flava, C. latifolia C. flava (beautiful) and Pt. nana.

Some members left for a week's orchiding in the Kalbarri area. I feel a verbal report is all that will be forthcoming! It was a very successful trip and apparently worth a visit by every orchid enthusiast. The Thelymitra hybrids were beautiful.

THE AUSTRALIAN ORCHID FOUNDATION

BOOKLIST JUNE 1984

107 Roberts Street,
Essendon Vic 3040

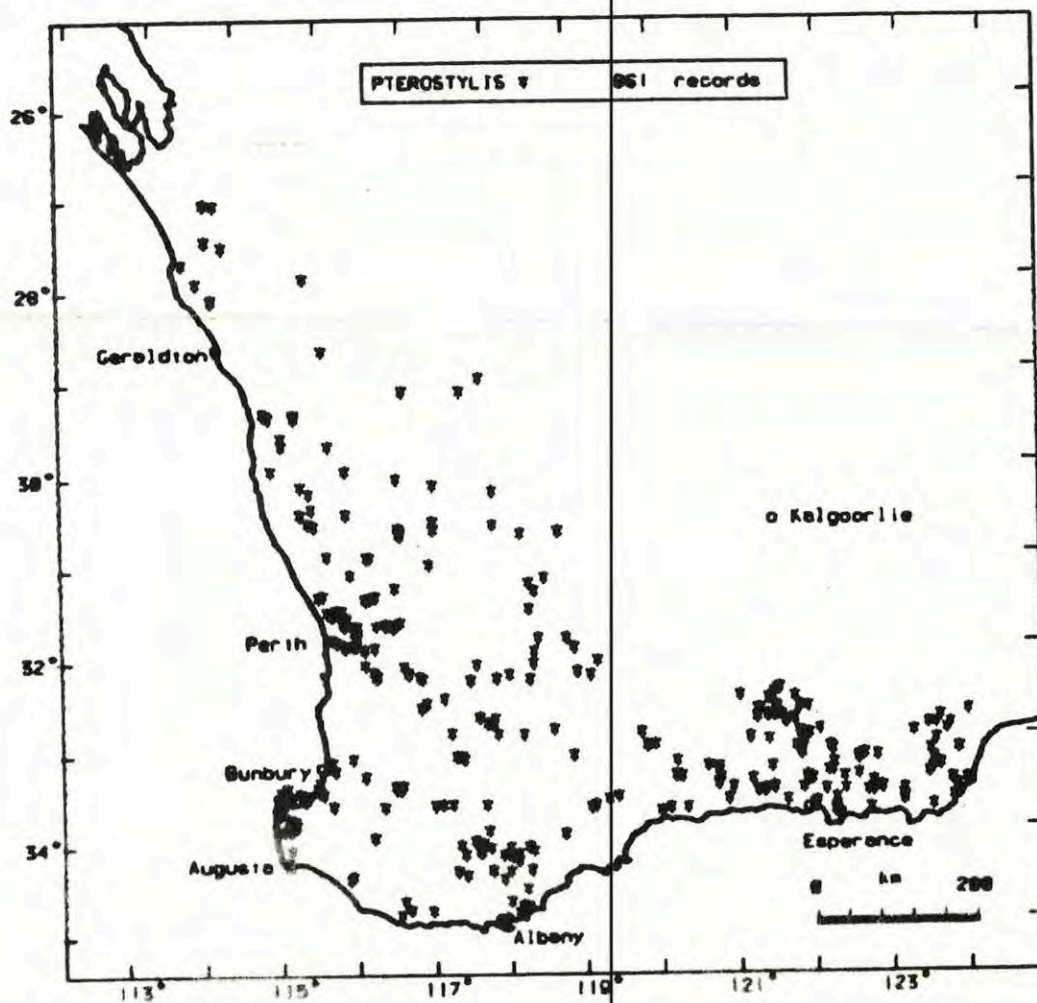
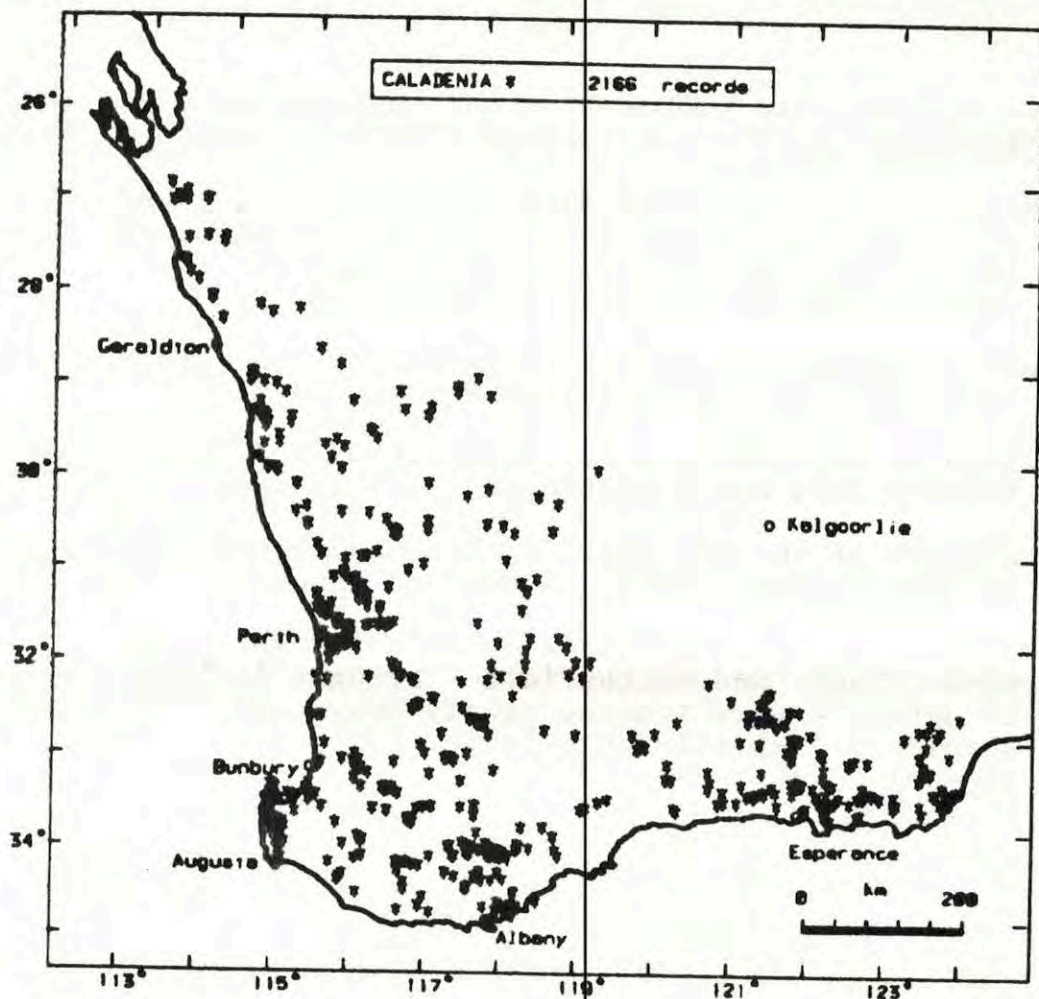
Prices do not include postage.

The Orchidaceae of German New Guinea by R. Schlechter 1200 pages This is a major publication of the Foundation of the English translation of this basic work of botanical literature. A brochure, with reviews, is now available. The standard volume, A leather bound de luxe volume is also available The price includes postage - the book & packing 2.5kg.	\$150.00 \$200.00
Native Orchids of New Zealand by Johns & Molloy 125 pages Excellent colour illustrations of N.Z. species 775 grams plus postage	\$26.50
Sanders List of Orchid Hybrids 1971-1975 460 pages RHS publication of Official Registrations plus postage	\$ 26.50
Sanders List of Orchid Hybrids 1976-1980 566 pages RHS publication of Official Registrations 1370 grams plus postage	\$ 26.50
Orchids of Africa by Joyce Stewart and Esme Hennessy 160 pages The Foundation has been able to obtain a limited number of these books to sell at half price. Weight 1.5kg. Beautifully illustrated by one of the world's best botanical artists-full page paintings in colour. plus postage	\$ 27.50

Prices include postage

Book List June 1984

Handbook on Orchid Photography 83 pages American Orchid Society publication - illustrated	\$ 6.75
An Orchidist's Glossary 96 pages AOS publication - orchid terminology - illustrated	\$ 3.75
Orchid Culture an AOS publication 80 pages A useful handbook for beginner orchid growers.	\$ 3.75
The Golden Nature Guide - a small pocket size book illustrating hundreds of popular orchid species 160 pages	\$ 3.75
The language of Botany by C.C. Debenham 208 pages SGAP publication - orchid terminology - a complete glossary of botanical terms.	\$ 7.75
Handbook of Orchid Nomenclature and Registration 150 pages International Orchid Commission publication - a must for all Bulletin writers, Judges and all growers - includes abbreviations - list of hybrid generic names	\$ 5.50
Orchids from Seed by P.A. Thompson 50 pages Royal Botanic Gardens, Kew publication, an introduction to flaking.	\$ 3.75
Meristem Tissue Culture - An AOS publication 72 pages Compilation of 23 articles reprinted from Bulletins	\$ 4.50
Orchids of New South Wales by H.M.R. Rupp 178 pages A very limited supply.	\$ 20.00



Disa Uniflora, its propagation and cultivation Published by the Disa Orchid Society of South Africa	\$ 6.75
Orchids of the McIlwraith Range, Cape York 44 pages Q'ld. National Parks publication, also attached Report 'Wet Season' search and survey for terrestrials in the Iron Range region.	\$ 5.00
Report of search and survey of terrestrial orchids from Esperance to Israelite Bay region of W.A.	\$ 2.50
Revision of Dendrobium Sect. Latouria by P.J. Cribb 80 pages Reprint from Kew Bulletin Vol. 38 (2) 1983	\$ 20.00
Proceedings of the 8th Aust. Orchid Conference held in Townsville Sept. 1983. Excellent papers.	\$ 11.35
The Genus Pleione - Curtis's Botanical Magazine by Cribb, Tang, and Butterfield - brought up to date. A very limited supply only, all species illustrated in colour. Expected mid-July.	\$ 22.35

