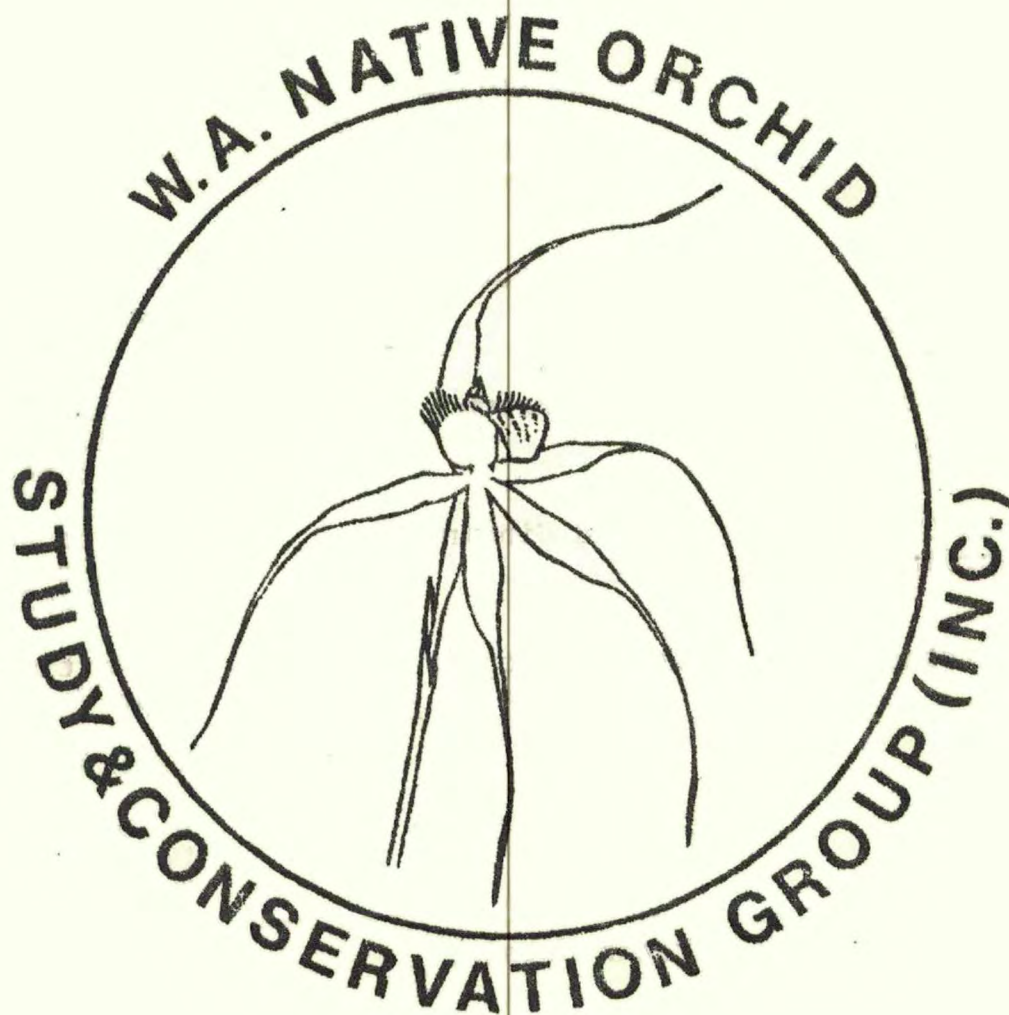


APR 1981

OFFICIAL BULLETIN



Registered for posting as Category "B"

20 CENTS

OFFICE BEARERS 1981

Patron: Sir Crawford Walder K.B.

President Mrs Alison Harrington

Vice President Mr Noel Clarke

Secretary Mr Noel Hoffman

Treasurer Mrs Fay Gordon

Librarian

Registrar Mr Roy Brown

Field/Cultivation

Field Trip Mr Sid Gibbings

Co-ordinator

Committee Stephen Hopper

Mr Barry Duff

Peter Watson

Advisory Editor Andrew Brown

1

Reserve Wardens Dave Emery

Mick Leece

The W.A. Native Orchid Study and Conservation Group.

Committee Meeting:

8p.m. - Wednesday 8th April 1981 at Roy Browns home at [REDACTED]

General Meeting:

Third Wednesday of the month. 15th April, 1981 at 8p.m.
at the Film Room, Department of Agriculture, Jarrah Rd.,
South Perth.

April Topic:

Habitat Islands by Roger Hnatiuk with comments on orchids
within the areas by Andrew Brown.
Habitat Islands are areas such as swamps and granite
outcrops. The Talk will illustrate the part these areas
have in influencing the orchid population.

Slide or slides of your choice:-

Once again members are invited to bring along a slide (or
slides) of your choice. Some, of you will have slides of
other members taken on field trips which will be of interest
to all. Don't be shy. If you enjoy looking at other
members slides I'm sure they too will enjoy yours.

Pterostylis tubers:

Bring along the tubers you potted last meeting. We would like
to see how the plants are progressing. Please name your pots.
Incidentally cultivation sheets are available so don't forget
to pick up some of these at the meeting.

Field Trip to Collie:

Please note that the date has been changed to Sunday 12th
April, 1981. Departure time is for 7.30a.m. from Carousel
Car Park.

Orchids in flower will include Caladenia aphylla, Eriochilus
dilatatus and Leporella finbriata.

Annual General Meeting:

The Annual General Meeting held last month was a tremendous
evening. Four new members were elected to the Committee
and the potting workshop was most successful.

We would have liked to have seen more "favourite slides".
Those shown were enjoyed by all and we look forward to
next months viewing.

We would like to thank the Browns who once again acted as
hosts for our "Return to 81" social evening. It was great
to see so many come along with some form of fancy dress.
Fay Gordons Babe-in-a-cradle outfit was a scream and
thoroughly deserved the popular prize.

Presidents Report:

It is with great pleasure that I present the 1980 President's Report.

We had a sad start to the year with the death of our immediate Past President, Mr. Lal Shepherd. He is sorely missed - for his enthusiasm, knowledge and good cheer.

On reviewing the year I can only say that I am delighted with our achievements and hope that you are equally satisfied.

At our meetings, topics included a discussion on basic orchid structure, discussion on the latest flora and fauna protection act, a mixed workshop and a talk on orchid naming. The highlight must have been Mark Clements visit in August when he enthused us with his knowledge and love of native orchids.

Field Trips were varied and produced some interesting finds e.g. 18 further plants of the underground orchid. Some of us saw for the first time Caladenia crebra at Arrowsmith. An interesting find in the wheat belt at Wedin further confused the description of Caladenia lavandulaceae. Other finds were, a new location for Caladenia dilatata at Walpole, another location for Caladenia lobata, an increased range of soil types for Lyperanthus forrestii, and an interesting Thelymitra stellata var fuscolutea in the hills in November. The Israelite Bay Trip produced much interesting information on the range of distribution and proliferation of growth of many orchids.

Don Voigt had an exciting time in December when he found Epiblemma grandiflorum at Esperance for the first time since 1958.

Ron Heberle and Margaret Stewart did some extensive work in the Walpole - Albany area finding amongst others, plants of Prasophyllum triangulare.

In 1980 the club was used as the trial group to work with the Department of Fisheries and Wildlife to perfect their Atlas scheme of computerized information fathering of flora and fauna of the State. The concept will revolutionize availability of information and sheets are now available through the organizer Dr. Stephen Hopper. The club has decided to base its own field records on these sheets in future.

The Bulletin had an excellent year in 1980 with a consistently high standard of contributions and production. We must thank Terry Wilson for the hours of work he has put into the publication and regret that we will only have limited services available from him this year due to travel and work commitments.

Cultivation had a dismal year in 1980, the only effort being digging at Mary Sharp's in Three Springs. However, 1981 should prove more productive in this area.

Hollywood Reserve is doing magnificently with the initiative and work of Dave Emery and Mick Leece. Hollywood is becoming a magnificent gift to community knowledge thanks to those two gentlemen.

PRESIDENTS REPORT CONTINUED:

Financially we are still holding well although we have had to increase fees to cover continually increasing Bulletin costs.

As President I had two delightful, informative nights during the year with our South Australian native orchid friends and received much encouragement and stimulation.

The Committee Meetings were very hard working evenings and I must sincerely thank my very dedicated team. Unfortunately we lost some valuable members due to other commitments. My thanks must go to Jean Long, Linda Penny, Margaret Stewart and Jean Tonduit for their past efforts. Unfortunately we also lost Andy Brown this year due to study commitments, and I must give heartfelt thanks for his support, knowledge and enthusiasm.

We are sorry to lose our Honorary Botanical Adviser - Alex George to the Eastern States and wish him well in his new position.

1981 presents itself as a very busy year with masses of work to be done.

I am sure with the same support from club members and committee the coming year will be very rewarding to all.

REGISTRAR'S REPORT FOR THE YEAR ENDED MARCH 1981:

This being the 7th Annual General Meeting of the Native Study and Conservation Group; as registrar, I am pleased to be able to make this report.

I would like to thank those members who completed field sheets and forwarded them to me for recording in the register. From these field sheets I am able to keep records of the areas and flowering times of some of the different species of native orchids.

Two of the biggest field trips this year no doubt would have been the trip to Munglinup where 18 specimens of the underground orchid RHIZANTHELLA GARDNERI were re-discovered.

The other important expedition was the 1980 Australian Orchid Foundation expedition to Israelite Bay Region; and I thank Don Voigt for his article which appeared in the October, 1980 issue of the W.A.N.O.S.C.G. Bulletin.

REGISTRAR'S REPORT - CONT'D:

The Register now contains the listing of 22 genera and 137 species of native orchids.

ACIANTHUS	3	ERIOCHILUS	2
CALADENIA	48	GASTRODIA	1
PARACALEANA	1	LEPORELLA	1
CALOCHILUS	1	LYPERANTHUS	3
CORYBAS	3	MICROTIS	6
CRYPTOSTYLIS	1	MONADENIA	1
CYMBIDIUM	1	PRASOPHYLLUM	17
DIURIS	7	PTEROSTYLIS	15
DRAKEA	3	RHIZANTHELLA	1
ELYTHRANTHERA	2	SPICULAEA	1
ELIBLEMA	1	THELYMITRA	18

LIBRARIAN'S REPORT:

Come on, members, I'm suffering from under-work!

We now have 550 slides of W.A. orchids which haven't seen the light of day for months. Borrow a set, show them to your friends - or enemies - you may gain us a new enthusiast, discover a new location or save just one of our unique orchids from extinction.

Slides:- Those of you who are shutter-bugs - HELP!! We still have shortages in these genera -

Paracaleana	Spiculaea
Calochilus	Epiblema
Microtis	Gastrodia
Monadenia	Rhizanthella

Aspiring shutter bugs - The South Australian Native Orchid Bulletin is currently running a series of articles on photographing native orchids. Wouldn't you like to know how to take those lovely shots? If I can do it (occasionally) so can you. Borrow the articles from the library and "have - a - go".

Propagation - There are loads of articles on propagation so you can become an expert at that, too. With our new programme this year, you'll need to know what everyone is talking about even if you don't want to be a grower - yet! Get in first - it's easy.

LIBRARIAN'S REPORT CONT'D:

New members: Are you bogged down on Latin names - then we can lend you books to read. We've even got a list of how to pronounce those seemingly impossible names.

All you have to do is to see me at the meetings or ring before 7.45a.m. or after 6p.m. in the evening. I'll even bring them to you if you live fairly close-by. Or I'll make you a cuppa if you'd like to collect anything yourself. Howzat for service?

Let's make 1981 a "Make-Fay-work" year.

Books available (Further donations welcome)

Nicholls - Orchids of Australia.
Erickson - Orchids of the West.
Clyne - Australian ground orchids.
Cady - Australian Native Orchids.
McMinn- Alan Cunningham - Botanist and Explorer.
Lutz - How to embed flowers in plastic.
Aurousseau - The letters of Ludwig Leichhardt.
Fiveash - Australian orchids.
Jenkins - National Parks of W.A.

STATEMENT OF RECEIPTS AND EXPENDITURE FOR THE YEAR ENDING -

31ST JANUARY, 1981.

RECEIPTS:

Fees	\$301.05
Bank Interest	22.74
Bulletin Advertising	15.00
Supper stall	66.70
Raffle	77.06
Badges	16.20
Horticultural Prize	60.00
Petty cash	3.45

EXPENDITURE:

Bulletin costs	\$416.60
Bank costs	12.80
Supper costs (cups)	8.00
Raffle	10.42
Badges	29.90
Hollywood Reserve plants.	51.48
Aust. Native Orchid Society.	14.00
W.A. Orchid Soc.	10.00
W.A. Horticultural Council	20.00
Membership cards	16.10
Stationary	14.79
Prize Photo Comp.	5.25
Petty cash - stationary	3.45
Christmas prizes	28.43
Christmas party chairs	47.81

\$562.22
=====

\$689.03
=====

FINANCIAL REPORT CONTINUED:

Balance brought forward 1980	\$462.10
Less excess expenditure over Receipts 1980	126.81
Plus cheque not cashed back into funds	28.20
Credit Balance in Bank.	363.49
Plus Imprest Account (closed)	39.45
<u>CREDIT 1980</u>	<u>\$403.94</u>
	=====

I have examined the books and receipts of the W.A. Native Orchid Study and Conservation Group and certify that the above Statements of Receipts and Expenditure is in accordance with the books and vouchers produced.
(H.FOOTE) Honorary Auditor, February, 1981.

LIABILITIES:

NIL

ASSETS:

Cash in Bank	\$403.94
Nicholls 'Orchids of Australia'	150.00
Roneo 750 Duplicator	360.00
Kodak Slide Projector	250.00
Projection Screen	80.00
Library -	
Books and slides	400.00

\$1,643.94

Readers will have noted that in 1980 and again in 1981, orchid descriptions have been accompanied by excellent line drawings and may be interested to hear a little about the Artist.

Annette Wilson, daughter of former Bulletin Editor, Terry Wilson, is 21 years of age and an extremely keen orchid hunter

She is presently in her 3rd Year of study for the Bachelor of Science (majoring in Botony) at the University of W.A. and hopes to make Taxonomy and Botanical Art her career in the future.

Annette will be going to the U.K. at the end of the academic year and hopes to gain experience there in her chosen field. Post-Graduate work in the future is also planned.

I am sure that members will agree that Annette's work as an Artist is excellent and those of us who have been privileged to see the work she has produced of orchids dried in borax agree that she must go far in her career, both as a Botanist and an Artist.

We thank her for her efforts in the past and hope that, if study commitments allow, we will see much more of her work in the future.

Eriochilus dilatatus.

Common Name - White Bunny.

Lindl Sketch Vegetation of Swan River Colony 53 1840

Type Swan River Mangles Holo

A slender hairy plant very variable. Plant slender, usually over 15cm. Leaf at or below middle of stem, sometimes just a small acute bract, or noticeably ovate to ovate lanceolate acute, up to 6cm long, sessile and clasping the stem.

Flowers usually 1-3 but up to 8. Dorsal sepal 1-1.3 cm long oblong upper part, contracted below the middle.

Lateral sepals oblong lanceolate acute 1.3 to 1.5 cm long.

Contracted onto a slender claw. Petals about as long as the dorsal sepals, but much narrower, linear or dilated at the tips. Labellum very variable, much shorter than the lateral sepals. The claw erect, with slightly rounded lateral lobes.

The lamina or mid lobe ovate-oblong, usually longer than broad, very convex and recurved, pubescent above column, not winged.

Species very variable, even in one plant.

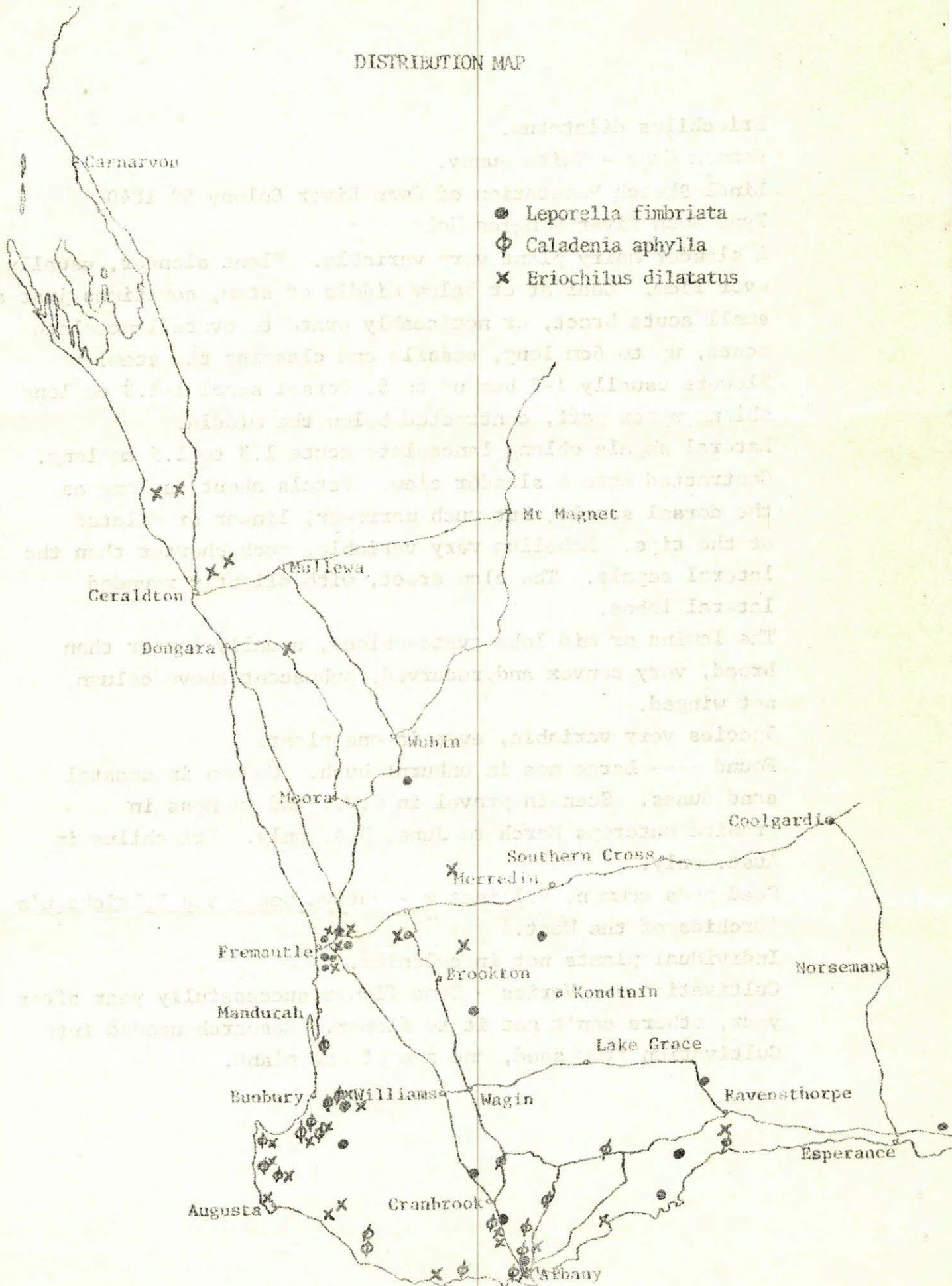
Found ---- Large nos in unburnt bush. Common in coastal sand dunes. Seen in gravel in S.W., and in moss in granite outcrops March to June, W.A. only. *Eriochilus* in Aust. only.

Seed pods common. Pollinator - Native bee - see R.Erickson's 'Orchids of the West.'

Individual plants not in colonies.

Cultivation --- Varies - Some flower successfully year after year, others can't get it to flower. Research needed into Cultivation from seed, and age of one plant.

DISTRIBUTION MAP



Caladenia apylla.

Common name -- Leafless Orchid.

Benth Flora of Aust. 6.387 1873. R. Erickson's "Orchids of the West" 2.87 1965 Nicholls pg 63, plate 232.

Type King George Sound Harvey, lecto: F. Mueller, Maxwell not seen.

Stem slender, almost filiform, glabrous, 30-45cm. Tuber, large, ovoid. No leaf present at time of flowering. 1-2 short scales at base, and sometimes a small bract higher up., the flower bract is somewhat larger. One flower, 4cm in diam. Whitish or pale yellow. Sepals & petals narrow, lanceolate tapering at the base, acutely but very shortly acuminate.

Dorsal sepal erect and concave.

Labellum trilobed, unfringed, more than half as long as the sepals. Yellowish white, mottled with red brown and some mauve. The base of labellum claw like. Lateral lobes erect, incurved almost acute; midlobe longer with recurved yellow tip which is constricted, and coloured mauve on its basal portion.

The margins entire, undulate. Calli of the lamina rather long, linear-clavate, marked with mauve. The tips yellow, numerous or few, in 2 rows, sometimes extending beyond the lateral lobes, and reaching half way along the mid lobe.

Column noticeably winged, mottled with red bands.

Another with short point.

Odour unobserved. Pollination means unknown.

Flowering period Mar to April. not in colonies.

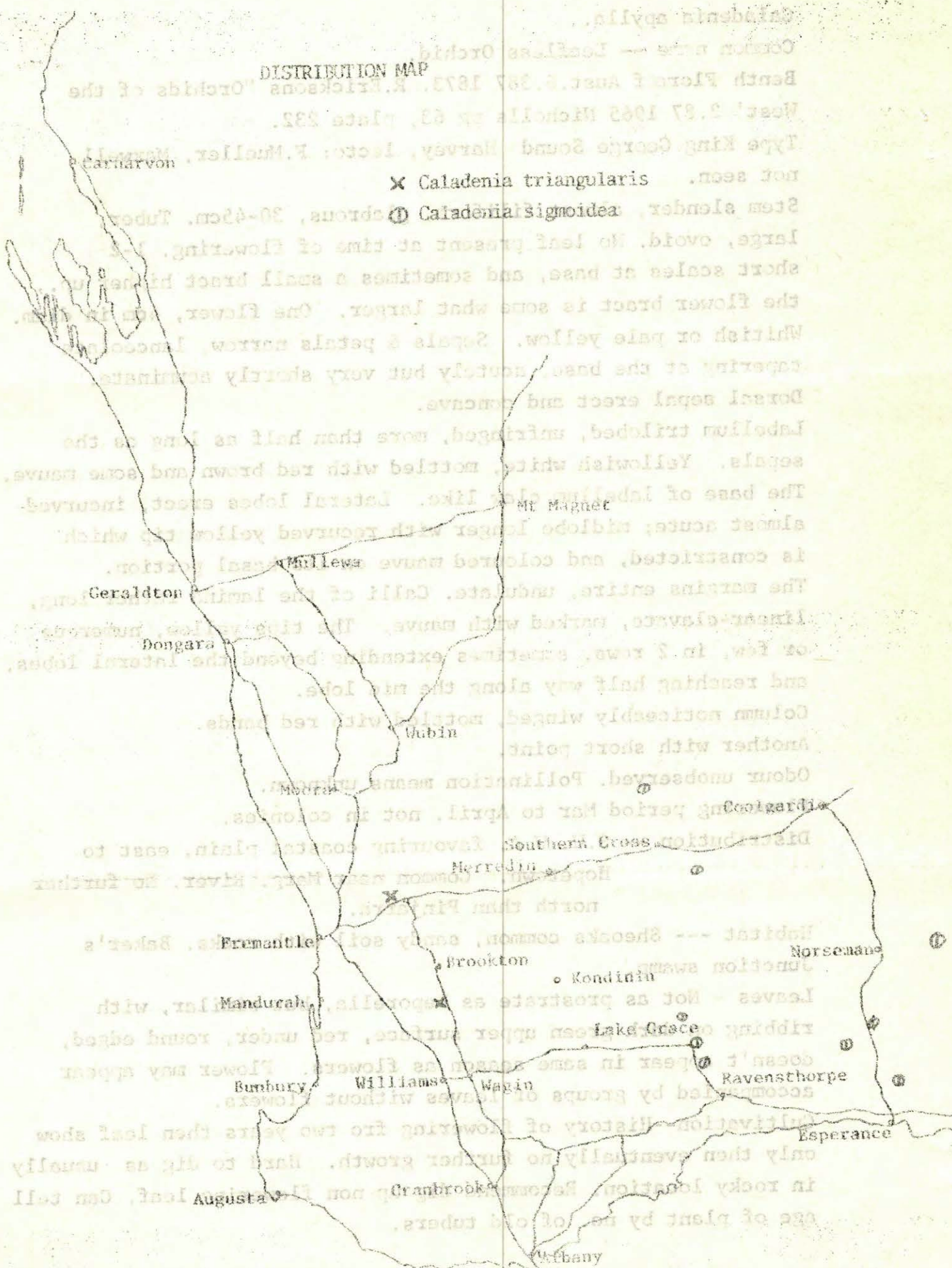
Distribution -- S.W. W.A. favouring coastal plain, east to Hopetown. Common near Marg. River. No further north than Pinjarra.

Habitat --- Sheoaks common, sandy soil with rocks. Baker's Junction swamp.

Leaves - Not as prostrate as Leporella, but similar, with ribbing on dark green upper surface, red under, round edged, doesn't appear in same season as flowers. Flower may appear accompanied by groups of leaves without flowers.

Cultivation--History of flowering for two years then leaf show only then eventually no further growth. Hard to dig as usually in rocky location. Recommend dig up non flowering leaf. Can tell age of plant by no. of old tubers.

DISTRIBUTION MAP



not seen. *Caladenia triangularis*

Stems slender, additional *Caladenia triangularis*, 30-40cm. Tubers

large, ovoid. No leaf present at time of flowering.

Short scales at base, and sometimes a small bract higher up.

The flower bract is some what larger. One flower, sometimes

whitish or pale yellow. Sepals & petals narrow, lanceolate

expanding at the base, mostly but very shortly acuminate

Dorsal sepal erect and concave.

Labelum trilobed, unfringed, more than half as long as the

sepal. Yellowish white, mottled with red brown and some mauve.

The base of labelum like. Lateral lobes erect, incurved

almost acute; middle lobe longer with recurved yellow tip which

is contracted, and colored mauve with red brown spots.

The margins entire, undulate. Calli of the lamina

linear-ovate, marked with mauve. The tips yellow, numerous

or few, in 2 rows, sometimes extending beyond the lateral lobes

and reaching half way along the mid lobe.

Column noticeably winged, mottled with red bands.

Another with short point.

Odour unobserved. Pollination means unknown.

Disseminating period Mar to April, not in colonies.

Distribution: Southern Cross, east to

Hope, common near Hartley River, the further

north than Perth.

Habitat: --- Sheoak common, sandy soil, Baker's

junction swamp.

Leaves: Not as prostrate as *Caladenia triangularis*, with

ribbing green upper surface, red under, round edged,

doesn't appear in same season as flowers. Flower may appear

accompanied by groups of leaves without flowers.

Utilization: History of flowering for two years then leaf show

only then eventually no further growth. Hard to dig as usually

in rocky location. Reason for non flowering, can tell

age of plant by no. of old tubers.

Leporella fimbriata.

Common Name - Hare Orchid.

Type Lindl A.S. George comb nov

Lepus - a hare.

Old Synonym, *Caledonia fimbriata*)

Eriochilus fimbriata) now not used.

Terrestrial orchids with rounded tuber and fibrous roots.

Slender 15-25cm high., Leaf at base one, or occasionally 2 overlapping. Dark green with red veins, red under-neath.

Leaf sheathing, ovate to lanceolate with large bract under.

Stem bracts small, flowers 1-3 not often more.

Colour yellowish with red-brown or purplish markings.

Pedicels slender. Dorsal sepals incurved, concave and wide ovate, tip acute. Lateral sepals spatulate, acute, thin, deflexed. Petals erect, pointed, linear clavate, the tips very glandular, longer than the lateral sepals.

Labellum on a short moveable claw, wider than long, trilobed. The lateral lobes large and dome shaped, fringed deeply, pointing forwards, with spots on their upper convex surface. The mid lobe is much smaller, rounded but less so. Upper surface almost smooth, yellowish green with red brown or purplish markings. Fringe margins minutely ciliate. Column incurved and prominently winged. Anther bent forward blunt at apex. Pollina 2 celled valvate, 4 in 2 pairs, lamellate. Stigma triangular, its apex deeply sunk between the divergent lobes of the anther. Rostellum poorly developed. No viscid dish or caudicle.

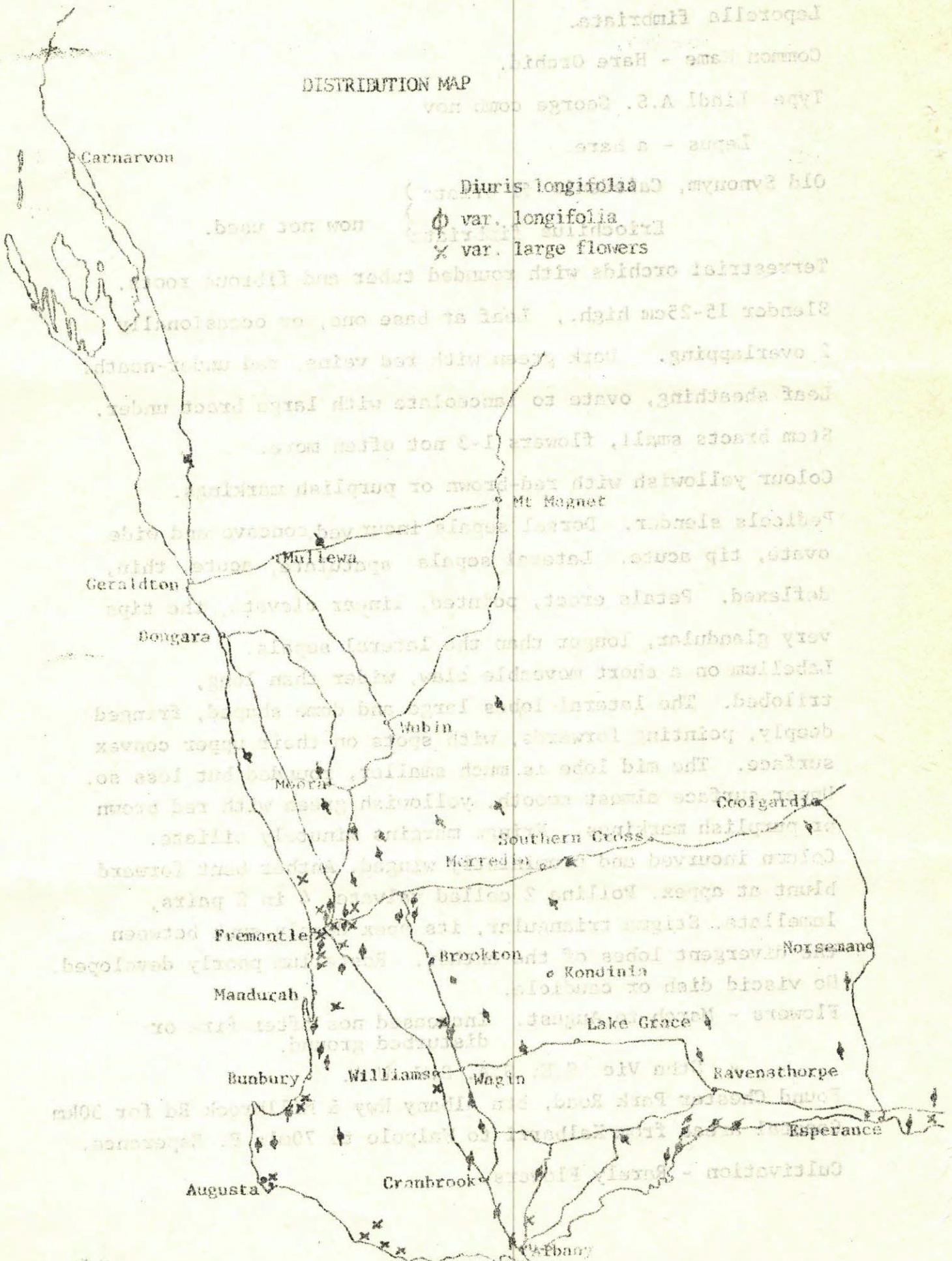
Flowers - March to August. Increased nos after fire or disturbed ground.

- Sthn Vic. S.E. S.A. S.W. W.A.

Found Chester Park Road, btn Albany Hwy & Millbrook Rd for 30km Coastal areas from Kalbarri to Walpole to 70mls E. Esperance.

Cultivation - Rarely Flowers.

DISTRIBUTION MAP



Diuris longifolia
 ● var. longifolia
 x var. large flowers
 ○ var. longifolia