



BULLETIN

OF THE

WESTERN AUSTRALIAN NATIVE ORCHID
STUDY AND CONSERVATION GROUP
(INC)

AUGUST 1989

THE WESTERN AUSTRALIAN NATIVE ORCHID STUDY & CONSERVATION GROUP

OFFICE BEARERS 1989

Patron	Mrs J Holmes a'Court
President	Denis Burdinat
Vice President	Kerry Pickles
Immediate Past President	Kinslev Dixon
Correspondence Secretary	Joni Eaton
Minutes Secretary	Margaret Adamson
Treasurer	Chris French
Field Trip Coordinator	Ian Greeve
Editors	Bevan Buirchell & Margaret Collins
Librarian	Eric Swarts
Committee	Juliet Reynolds
	John Eaton
	Stuart Harris
Postal Address of Group	PO Box 323 Victoria Park 6100

OBJECTIVES 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 environments.
- c. To learn their habitats and keep records.
- d. To have field days and learn to recognize the different genera and species.
- e. To hold meetings for the exchange 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 objectives.

NOTE: The opinions expressed by contributors to this bulletin are not specifically endorsed by the group.

Please note : A RED DOT ON YOUR ADDRESS LABEL MEANS YOUR SUBSCRIPTION IS OVERDUE!

NEXT COMMITTEE MEETING

Wednesday, 16th August, 1989 at 7.00pm at the Kings Park Board Administration Centre.

NEXT GENERAL MEETING

Wednesday, 16th August, 1989 at 8.00pm at the Kings Park Board Administration Centre.

TOPIC FOR EVENING

Close-up Photography of Plants by Alan Hind.

BULLETIN CONTRIBUTIONS

Contributions are needed for every edition of the Bulletin. Articles should be sent to Bevan Buirchell, [REDACTED]. The article submission deadline for the next issue of the Bulletin is 31st August

FORTHCOMING FIELD TRIPS

August 19-20th Dryandra State Forest

Participants are to meet outside the cottages in Dryandra at 10.00am on the 19th. Costs are \$4.50 per person per night payable to Ian Greeve on Saturday 19th. Four cottages have been booked, each cottage has a gas stove, fridge, a wood fire in the lounge, beds and mattresses and bathroom. A reasonable supply of crockery and kitchen hardware is supplied but you may bring your own if required. Please bring your own bedding and enough food for the weekend. Dryandra Village is set in the heart of the Dryandra Forest and all Forestry Department rules are to be observed as well as Lions Dryandra rules. Those people who put their names on the list earlier on, please confirm your intentions of going, by phoning Ian Greeve [REDACTED]. Dryandra is situated 164km from Perth and is clearly sign-posted from Albany Highway at North Bannister.



August 27th Sunday family picnic in Kings Park to search the burnt areas. Meet at the Administration Building at 10.00am.

2-3rd September **Moora area.** A weekend camp on private property (Koobabbie) about 15km east of Marchagee to look for orchids in that area. Accommodation is available in a shearer's cottage or camping in the adjacent paddock. The drive takes about 4.5hr. Juliet Reynolds will lead the trip - if interested please call her on [REDACTED] for details of arrangements and directions.

9-10th September **Dalwallinu.** To continue the search for *Caladenia cristata*. Meet 10.00am at Ballidu wheat bin. Accommodation at Dalwallinu Hotel (\$25 room) or Motel (\$60 twin, \$35 single) - subsidy of \$12 per person. A bus will be provided, anyone interested in going please inform Ian Greeve as soon as possible (Limit 25).

17th September Sunday trip to **Page Road Reserve** and **Tutanning Reserve**. To meet at 8.00am at the intersection of Canning Mills Road and Brookton Highway.

Field Trip Reports

Gnangarra Pine Plantation - 15th July 1989

Twenty members, including many junior members attended the outing, meeting at the barbeque area in the pine plantation. As no members of the Eastern Hills Wildflower Society arrived it was decided that we would explore two sites in the pine plantation and visit the Epiblema swamp on Beechboro Road. We then concluded the day at the Widgee Road Swamp, Noranda.

Orchids found :

in bloom : *Pterostylis scabra* var *robusta*, *Pt dilatata*, *Pt vittata* var *vittata* and *Caladenia deformis*.

in bud : *Lyperanthus nigricans*, *Prasophyllum parvifolium*, *Pterostylis barbata* and (?) *C. gemmata* var *gemma*

and leaves of : *Pt nana*, *Eriochilus* with seed pods, *Diuris longifolia*, *C. flava*, *C. heuglii* (or *longicauda*), *C. menziesii*, *Leporella fimbriata*.

27th - 30th July 1989 ,

Gloria and Bill Jackson undertook a trip into the Fitzgerald River National Park to photograph *Corybas* species at Hammersley Inlet and to search for *Thelymitra variegata* in the Ongerup area. At the Pallingup River Nature Reserve on Highway 1 they found a *Diuris* sp. (?*corymbosa*) in flower, the leaves of a large number of *Caladenia* species and a *Pterostylis* sp., and *Eriochilus dilatatus* in seed.

At the Hammersley Inlet thousands of a *Corybas* sp. with translucent dorsal sepals were found in flower and bud in a 500m area. Also found were large numbers of *C. graminifolia* (in bud), *C. discoidea*, *Pt mutica*, *Pt. vittata* var *vittata* (both brown and green forms), *Pr. nigricans* (in seed) and ?*C. longicauda* in bud. In addition a great display of the Qualup Bell (*Pimelea physodes*) and the Royal Hakea (*Hakea victoriae*) were seen along Hammersley Drive.

In the northern part of the park *Diuris* sp. (?*corymbosa*), *C. denticulata* and *Leporella fimbriata* (one among thousands still in good shape) were seen in flower. Later in the Ongerup area 5 plants of *T. variegata* were found each with only one bloom (and as it was a cloudy day not all were open), and a large colony of *T. spiralis* were found off Chester Pass Road in the Stirling Ranges.

Lake Moore - Paynes Find area ; 30th July - 5th August,

Andrew Brown, Bevan Buirchell and myself took a trip to explore the granite outcrops to the east and north of L. Moore. This area has had good rains this year and Andrew was hopeful of finding orchids in areas he had visited previously in drier years. The trip proved successful in finding both new orchid sites and extending the range of some species. We found the following in flower : *Caladenia deformis*, *C. hirta* (pink form), *C. filamentosa* (5 species), *C. roei*, *C. doutchae* (2 forms), *C. amplexans*, *C. saccharata*, *C. filamentosa* x *roei*, *Diuris longifolia*, *Pterostylis nana* (wheat belt form), *Pt. scabra* and *Prasophyllum macrostachyum* var *ringens*. Leaves, buds and rosettes were found of *Pt. rufa*, *Thelymitra antennifera*, *T. nuda* (two forms) and *Spiculaea ciliata*.

Margaret Collins

Saving Purdie's Donkey Orchid

As you know the campaign to save Purdie's Donkey Orchid continues to gather steam. Being lovers of native orchids and their beauty we must strive to preserve as much of our natural heritage as possible. You may be aware of the letter that was circulated at the last meeting for people to sign, if not it is included in this edition. Purdie's Donkey orchid cannot stand up for itself and therefore relies upon us orchid lovers to make sure it has a secure future. For all those people who have seen it in the past and those who will see it this year I'm sure you all appreciate the beauty and the mystery associated with this particular Donkey orchid.

Purdie's Donkey Orchid needs your help and you can help by.....

1. Photostating several times the enclosed letter to the Premier.
Photocopying facilities are usually available in local print shops or Chemists.
2. Contact the people you know who will sign the letters willingly....your relatives, friends, neighbours, etc. Note - children who understand the issue may sign as well.
3. If someone you know is willing to do the same as you are doing, encourage them to get their freinds etc to sign.
4. Think right now who you could get to sign the letter and make a list of their names....mother, father, spouse, children, brother, sister, close friend, neighbour, aunt, uncle...
5. Get these people to sign the letters this week.
6. Send what ever you have collected this week to Bevan Buirchell [REDACTED]. I will make sure they are delivered to the Premier.
7. Don't feel bad if you have only collected a few - a few is a few more !!
8. Feel good about doing this, its going to help save Purdie's Donkey Orchid

PS. If you have any suggestions please contact me either at home [REDACTED] or at work [REDACTED]

There has been a working day organised for Saturday 19th August at [REDACTED] (opposite the Metro Markets) starting at 10am and going through to about 2pm. If you can make any time available during that period please assist.

For Sale:

Wooden crates 3' long, 9" wide and 9" deep, solid pine timber with lids.

Ideal for seed/tuber boxes, storage boxes for sawdust,soil mixes etc

\$3.00 each or 5 for \$10.00

phone Gary Kemp [REDACTED]

Habitat of Purdie's Donkey Orchid

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Land owned by our Government

This map shows where the Government plans to allow development

THE REZONING of 200 hectares of bushland in Canning Vale could affect four protected and endangered plant species.

Urban development in the area is threatening the existence of Purdie's Donkey orchid, the Grand Spider orchid and two Hammer orchids.

All are protected by the Wildlife Conservation Act.

Mr Taylor has agreed to relocate the existing 1300 plants to another secure site, as well as establish colonies in captivity.

spokesman Bevan Burchell said these so-called sites are yet to be found. He said experimenting with rare flora in this way was an extremely undesirable method of conserving a species.

Mr Burchell said the Government's approach to conserving the plants showed a total lack of knowledge of the ecological preservation of species in a habitat.

He said a reserve should be established for Purdie's Donkey orchid, so the species would be conserved in its natural habitat.

Orchid lovers around the world have appealed to Premier Peter Dowding to forgo land development in Canning Vale to spare four rare orchid species.

By WENDY EVANS

Dr Buitchell was shocked to learn that the State Planning Commission had rezoned the land from rural to urban on June 30 and had failed to inform

Dr. Burchell is conservationist spokesman for the WA Native Orchid Conservation and Study Group, which is planning a nationwide appeal to Premier Dowding.

A petition to stop Canine City Council acting on the rezoning was submitted by local residents last week.

"Experimenting with rare flora, especially with a population which accounts for the majority of plants, is an extremely undesirable way to conserve a species,"

As Purdie's donkey

orchid has never been grown in cultivation. Dr Buirell is extremely doubtful that a successful transplantation can take place.

He said rare plants should not be herded into confined areas to permit development at break-neck speed.

The conservationists have proposed a land swap.

They want the most southerly portion of the proposed subdivision between Ranford-Nicholson Roads and the railway exchanged for Government land adjacent to the railway in the same area.

This would then enable the Government to rethink plans to put housing and a shopping centre on the site where Purdie's donkey orchid, the grand spider orchid and two rare hammerhead orchids grow.

EDITOR RESIGNS :

1st July 1989

Dear President, Committee and Members

Unfortunately, due to work commitments I must tend my resignation from the position of Bulletin Editor and the committee. I have recently been appointed to the position of Research Scientist with CALM, at Karratha and hence it would be extremely difficult for me to continue with bulletin editing and production.

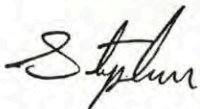
I would like to take this opportunity to thank our committee and Ray Stapleton for their assistance and cooperation. I would also like to thank those members who have served on the committee between 1984 and 1988, for the assistance they gave me as Secretary, especially Kingsley Dixon, Lionel Johnston and Bevan Buirchell. Andrew Brown, the person responsible for nominating me onto the committee at my first meeting, and Stephen Hopper are also thanked for their encouragement and cooperation.

Finally, I would like to thank the membership for their assistance, support and good times that I have enjoyed over the past six years.

I wish the group all the best for the future, especially in their endeavours to conserve our rare orchids and I hope that the group continues to grow from strength to strength.

I look forward to continuing my association with the group, however distant it may be, and wish all concerned the best for the future.

Yours sincerely



Stephen van Leeuwen

Stephen has done an excellent job as both secretary and editor for the club. I am sure all members join us in offering Stephen congratulations on his appointment and best wishes for the future - Eds.

VICTORIAN NATIVE ORCHID SOCIETY TOUR OF WESTERN AUSTRALIA.

COATE'S WILDLIFE TOUR with Kevin Coate and John Tonkinson as tour leaders, will be taking the Victorian Native Orchid Society members as well as several overseas visitors and other orchid enthusiasts on tour north to Kalbarri and around the South West -

from 23rd September to 8th October 1989

Members of the Western Australian Native Orchid Study and Conservation Group (including country members) are welcome to meet up and join in for a cup of tea and social contact.

The group will have a free day in Perth on the 1st October when they will visit the Wildflower Show in Kings Park. This day is a good opportunity for members to meet.

During the tour there will be several nights of slides accompanied with talks and discussions on Western Australian orchids. Any members who would like to join in and contribute would be most welcome.

The itinerary for the tour is set out below. Those requiring a more specific time or location, please contact Kevin Coate at [REDACTED]

ITINERARY

September	23rd	Arrive in Perth)	
	24th	Perth - Lake Incheon)	
	25th	Lake Incheon - Geraldton)	
	26th	Geraldton - Kalbarri)	
	27th	Kalbarri)	Camping
	28th	Kalbarri)	
	29th	Kalbarri - Mullewa - Wubin)	
	30th	Wubin - Perth)	
October	1st	Perth (free day). Visit Wildflower Show in Kings Park and if possible, meet members of W.A. Native Orchid Study and Conservation Group.)	
	2nd	Perth - Katanning)	
	3rd	Katanning - Jerramungup)	
	4th	Jerramungup - Albany)	Accommodated
	5th	Albany - Manjimup)	
	6th	Manjimup - Busselton)	
	7th	Busselton -)	
	8th	Busselton - Perth)	

Strict guidelines have been set and maintained for preservation of orchids and sites since we began taking these tours three years ago. Those joining us on tour will need to be aware that under no circumstances is anyone allowed to pick specimens.

We look forward to seeing some of you during this tour.

KEVIN COATE

NOTE FROM THE LIBRARY

Below is a list of all books, magazines, bulletins and reports currently held in our library. Included are our two latest acquisitions "Native Orchids of Australia" by David Jones and "The Bushland Plants of Kings Park" by Elenor Bennet, illustrated with superb watercolours by Pat Dundas.

BOOKS, MAGAZINES AND REPORTS ETC

1. The ecology, conservation status and propagation of two gazetted rare orchids *Calsadenia Gemmata* forma *Lutea* and *Diuris Purdiei*.
- T.I. Maddocks, B.B. Lemont 1984.
2. A guide to the gazetted rare flora of W.A. Supplement 1 Report No. 54.
- S.J. Patrick, S.D. Hopper 1982.
3. National Botanic Gardens Canberra, Australia. Preliminary Checklist of Australian Orchideaceae.
M. A. Clements 1982.
4. Wild orchids of Western Australia, an introduction to their natural history, distribution and cultivation.
- Pat Dundas, K.W. Dixon.
5. A.C.F. Response to the Western Australian Govt proposed new policy on mining and exploration in National Parks and nature reserves.
- R. Humphries ACF 1987.
6. Guidelines for an environmental protection policy on the coastal zone in W.A.
- EPA June 1977.
7. Proceedings of the fifth Australian Orchid Conference Perth 12th-16th Sept. 1977. (two copies).
8. Cape York Orchid Project. Orchids of McIlwraith Range.
- Dr. P.S. Laverack.
9. Orchids of the Cape York and Jardine River Areas Sept. 1986.
- Qld National Parks and Wildlife Service.
10. National Botanic Gardens Canberra, Australia. Report of the Australian Orchid Foundation expedition to W.A. Aug 1980.
11. The 21st Annual T.Q.O.C. Conference.
Tovneville Orchid Society.
12. The Victorian Orchid Workshop conducted by the Australian Orchid Foundation in co-operation with the Victorian Orchid Club. 1979.
13. Atlas of Natural Resources Darling System Western Australia.
- Dept of Conservation and Environment W.A. 1980.
14. The Darling System W.A. Proposals for Parks and reserves. The System 6 study Report to the Environmental Protection Authority.
15. The Vegetation of the Albany and Mt. Barker areas. Map & Exp Memo
J.S. Beard. 1979.
16. The Vegetation of the Corrigin area. Map & Explanatory Memoir.
J.S. Beard. 1980.
17. The Vegetation of the Esperance & Malcolm areas. Map and explanatory Memoir.
- J.S. Beard 1973.
18. The Vegetation of the Jackson Area Map and Explanatory Memoir.
- J.S. Beard 1979.
19. The Vegetation of the Moora and Hill River areas. Map & explanatory Memoir.
- J.S. Beard 1979.
20. The Vegetation of the Perth Area. Map and explanatory Memoir.
- J.S. Beard 1982.
21. Wandoo Woodland Conservation. A proposal for a system of ecological reserves. Campaign to save native forests. (WA).
- U.O. Cepill 1984.
22. Nuytsia Vol. 1 No. 2 1971. Bulletin of the Western Australian Herbarium.
- Dept. of Agriculture of W.A.
23. Nuytsia Vol. 2 No. 3 1978. Bulletin of the Western Australian Herbarium.
- Dept. of Agriculture of W.A.
24. Nuytsia Vol 2 No. 4 1978. Bulletin of the Western Australian Herbarium.
- Dept. of Agriculture of W.A.
25. The Letters of F.W. Ludwig Leichhardt.
- M. Arousseau. Vol. 11.
26. Allen Cunningham Botanist and Explorer.
- W.C. McHinn.
27. How to Embed flowers in plastic.
- E.L. Lutz Sr.
28. The National Parks of Western Australia.
- C.F.H. Jenkins.
29. Kings Park Native Plant Annual 1985.
30. Australian Ground Orchids.
- D. Clyne.
31. Australian Native Orchids in colour.
- L. Cady and E.R. Rotherham.
32. Australian Orchids.
- R. Fivesash's.
33. Australian Rock and Tree Orchids.
- D. Clyne.
34. Australian Indigenous Orchids.
- A.W. Dockrill.
35. Cultivation of Australian Native Orchids.
- Australian Native Orchid Society (Vic Group).
36. Orchids in Australia.
- R. Kerr.
37. Orchids of the West.
- R. Erickson.
38. Orchids of Western Australia.
- A. George, H. Foote.
39. Orchids of South-West Australia.
- M. Hoffman and A. Brown.
40. Native Orchids in Melbourne.
- Australian Native Orchid Society (Vic. Group)
41. Orchids of Australia.
- Nicholls.
42. Native Orchids of Australia.
- D.L. Jones. (1988)
43. The Bushland Plants of Kings Park (W.A.)
- E.M. Bennet, P.J. Dundas. (1988)
44. Orchids of Western Australia - Cultivation & Natural History
- Western Australian Native Orchid Society & Conservation Group

BULLETINS

1. West Australian Native Orchid Monthly Bulletin (May 1975 -)
2. West Australian Orchid Bulletin (June 1980 -)
3. West Australian Gardener (Spring 1975 -)
4. South Australian Native Orchid Monthly Journal. (April 1977 -)
5. South Australia Monthly Orchid Bulletin (July 1975 -)
6. The Orchadian Monthly Journal Various Volumes (Aug 1963 -)
7. The Society of Queensland Monthly Bulletin (Oct 1983 -)
8. The Orchidophile Sydney Group Monthly Bulletin (Oct 1983 -)
9. Darling Downs Group Monthly Bulletin (June 1978 -)
10. Wollongong & Districts Monthly Bulletin (June 1985 -)
11. Warringham Group of ANOS Monthly Bulletin (April 1985 -)
12. Victorian Group Monthly Bulletin (Aug 1973 -)
13. Far North Coast Group Monthly Newsletter (Aug 1984 -)
14. Newcastle Group Monthly Bulletin (Jan 1984 -)
15. Central Coast Group Monthly Newsletter (April 1984 -)
16. Bass Group Newsletter (July 1983 - May 1986 - Club disbanded)
17. Australian Conservation Foundation Newsletter

SUPPER ROSTER 1989

Aug Juliet Reynolds
Sept Ray Stapledon
Oct Bill Burton

RAFFLE ROSTER 1989

Aug Joan & Ian Greeve
Sept Terry Wilson
Oct Steve Hopper

WANOSCG

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MR & MRS A BROWN

Forthcoming Field Trips :

August 19-20th	Dryandra State Forrest
August 27th	Kings Park - Picnic and search of burnt areas
Sept 2 - 3rd	Moora area
Sept 9 - 10th	Dalwallinu
Sept 17th	Page Road Reserve and Tutanning Reserve