



BULLETIN

OF THE

WESTERN AUSTRALIAN NATIVE ORCHID
STUDY AND CONSERVATION GROUP
(INC)

MAY 1997

OFFICE BEARER	ADDRESS	PHONE
PATRON	Dr. Steve Hopper	
PRESIDENT	Steve Phillips	
VICE PRESIDENT	Noel Clarke	
VICE PRESIDENT	Ian Greeve	
IMMEDIATE PAST PRESIDENT	John Eaton	
SECRETARY	Joni Eaton	
TREASURER	Christine Lock	
COMMITTEE	John Haynes	
	Tony Lock	
	Don Manners	
	Joan Greeve	
FIELD TRIP COORDINATOR	Stuart Harris	
LIBRARIAN	Bill Burton	
EDITOR	Noel Clarke	
AUDITOR	Ross Wilton	

OBJECTIVES OF THE GROUP

- 7a 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 recognise 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 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 this group.

POSTAL ADDRESS OF GROUP: PO Box 323
Vic. Park 6979

NEXT COMMITTEE MEETING

Wednesday, 21 May 1997 at 7.00 p.m., Kings Park
Administration Centre.

NEXT GENERAL MEETING

Wednesday, 21 May 1997 at 8.00 p.m., Kings Park
Administration Centre.

SPEAKER

Dr. Stephen Hopper - "Orchids of the Granite Outcrops"

FORTHCOMING MEETINGS

May 21 .. General Meeting
June 18 .. General Meeting
June 29 .. Field Trip to Narrogin
July 16 .. General Meeting
August 20 .. General Meeting
September 17 .. General Meeting
October 15 .. General Meeting
November 19 .. General Meeting

ANNUAL GROUP MEMBERSHIP FEES

1997 Membership fees are now due! The Group membership fees are as follows:

Single Membership \$20.00 pa
Family Membership \$20.00 pa

EDITORS RAVE

Many thanks to Joni and John Eaton and to my wife Nancy for folding and posting the April Bulletin while I was in hospital.

We now have a Field Trip Coordinator. Stuart Harris volunteered his services after the meeting. Thankyou Stuart. After Andy's talk last meeting we can look forward to seeing some new orchids. Also think of changing our records and names on our slides.

Andy's talk is summarized in this Bulletin. Have fun.

BULLETIN CONTRIBUTIONS

Contributions are needed for every edition of the Bulletin. Articles should be sent to Noel Clarke

The article submission deadline for the next issue is 1 June, 1997.

SUPPER COST

Each month our supper is generously donated by group members (per the list on the back of the Bulletin), while the group supplies the tea, coffee, sugar and milk. To recoup some of the cost of these supplies, a modest fee of 50 cents applies. This can be left on the supper table and will be collected by the Treasurer at the end of the evening. Also please rinse out your cups when you have finished with them.

CARDIOPULMONARY RESUSCITATION COURSE (CPR)

Christine Lock has organised a free CPR course, duration 6 hours over 3 sundays 8th, 15th & 22nd June from 2 to 4 pm at the Armadale/Kelmscott Hospital. Limit is 10 people. Ring Christine, to register.

\$ FOR SALE \$

Rufa Trip Report \$10.00
 New Caladenia flava badges \$4.00 to members, \$5.00 to non-members.
 Name badge \$8.50
 Orchids of WA (2nd Ed) \$9.00
 Orchids of SW Australia \$40.00
 Car stickers \$1.50
 Pat Dundas cards \$8.00
 Bush Survival Kit \$4.00

FIELD TRIP TO NARROGIN - Sunday 22nd. June

Meet near Narrogin Caravan Park in Williams Rd near Narrakine Rd. Narrogin at 10 a.m. We will then proceed along the Wickepin Rd to Yallimining Rock and adjacent areas. There should be lots of orchids to see including Pt. hamiltonii & angusta. Please advise Stuart Harris, phone [REDACTED], if you intend coming.

BULLETIN DELIVERY

Are you getting your Bulletin? Do you know of anyone who is not receiving their Bulletin?
 The cause might be an incorrect address. Please advise me, phone [REDACTED].
 Ed.

ORCHID NEWS FROM WALPOLE

Gloria found the first of the new season orchids in flower about 17th. March. Eriochilus dilatatus ssp. multiflorus. Spurred on by her find, I visited other areas near Walpole and found the same specie well in flower. The coastal specie Eriochilus dilatatus ssp. dilatatus should also be in flower now (April).

The Sandy Beach area has Leporella in flower. This area was burnt last summer and has habitat very suitable for Eriochilus valens. This specie should be in flower early April. There are suitable areas east of Walpole -also burnt in summer. (Too late now. Ed).

A visit to a known location failed to find any Eriochilus pulchellus above ground.

An unconfirmed rumour, received via the "grape vine", reports a state of emergency was almost declared in the Margaret River area a few weeks ago when clouds of pungent vapours smelling of garlic and chilli powder overcame several residents in the Carters Rd area. Sniffer dogs finally located the source of the problem. A gentleman was preparing large quantities of Brinjal (Egg plant) Pickle in an attempt to win the "All Australian" Pickle Maker of the year competition. No names given, but his wife answers to the name of Mary.

Bill Jackson

JUMBLED WORDS

Answers to April's teaser. More when space permits.

1. dorrienii 2. wanosa 3. nana 4. xantha 5. Cyanicula
6. limpidus 7. turfosa 8. ciliata 9. villosa 10. picta
11. Drakea 12. Eriochilus 13. nigrita 14. Diuris
15. livida.

Orchids of South-west Australia

Species that have been recently discovered and/or are not currently illustrated and described in Orchids of South-west Australia

Genus/species	Notes
CALADENIA	
<i>C. augustensis</i> ms	A species related to <i>C. pholcoidea</i> ms, currently known from a single swamp near Augusta.
<i>C. aff. bicalliata</i> <i>C. lodgeana</i> ms	A small flowered, self pollinating taxon that is related to <i>C. bicalliata</i> , currently known from two populations near Esperance.
<i>C. aff. pectinata</i>	A handsome species that grows to over a metre in height with up to three large greenish-yellow and red flowers, currently only known from a small area south -west of Busselton.
<i>C. racheliana</i> ms	A species brought to my attention several years ago by Pat Dundas. It is related to <i>C. filifera</i> , but has larger variably coloured flowers with more stiffly held petals and sepals, known only from the Watheroo area.
<i>C. rubrichila</i> ms	One of the smallest flowered <i>Caladenia</i> species, known from a single locality near Lake Muir. Related to <i>C. pulchra</i> ms.
<i>C. thinicola</i> ms	A species related to <i>C. huegelii</i> and <i>C. georgei</i> ms but with smaller flowers. It is locally common in south coast dunes between the Scott River area and Windy Harbour.
MICROTIS	
<i>M. graniticola</i>	A species recently described by Bob Bates. It is related to <i>M. media</i> and is common on inland granite outcrops, flowering in September-October.
<i>M. media</i> subsp. <i>eremicola</i>	Another <i>Microtis</i> that was recently described by Bob Bates, occurs on inland granite outcrops and the margins of salt lakes.
PARACALEANA	
<i>P. lyonsii</i> ms	This is one that most of you will have seen or heard of. It was discovered three years ago in the Nerren Nerren area north of the Murchison River. We now know that it is relatively widespread between the Nerren Nerren area and Yuna, growing in leached yellow sands.
THELYMITRA	
<i>T. dedmaniarum</i> (<i>sensu stricto</i>)	The real <i>T. dedmaniarum</i> was found last year (1996) by Fred Hort in a number of populations south-west of York. This means that the species that we were calling <i>T. dedmaniarum</i> (illustrated in Orchids of South-west Australia) is almost certainly undescribed.
<i>T. sp. (aff. macrophylla)</i>	First discovered three years ago this attractive species is known to be relatively common to the north and east of Esperance, flowering in October-November.
<i>T. sp. (variegata complex)</i>	There are in fact three distinct taxa in the <i>T. variegata</i> complex. Typical <i>T. variegata</i> grows along the Swan coastal plain to Augusta and eastwards to near Albany, flowering in late August-early October. A second, earlier flowering taxon (June-early August), is found in the Lancelin-Jurien. A third

DIURIS/PTEROSTYLIS (many undescribed taxa)

taxon with very colourful flowers occurs between the Stirling Range and the Esperance area, flowering in August, September.

There are many undescribed taxa in both *Diuris* and *Pterostylis* which are not currently illustrated in Orchids of South-west Australia. These could be subject to a separate talk later in the year and I have only included a few for the purposes of tonight's talk.

Orchids of South-west Australia

Species that have been incorrectly illustrated (wrong photo) in Orchids of South-west Australia (ie. photo is of a related, usually undescribed species).

Page	Genus/species		Current determination
DIURIS			
392	<i>Diuris porrifolia</i> (photo)	=	<i>D. sp.</i> undescribed, the taxon illustrated is common in the northern Wheatbelt and northwards to Paynes Find (<i>D. porrifolia sensu stricto</i> occurs in the western Wheatbelt between Northam and Tenterden)
PTEROSTYLIS			
373	<i>P. insectifera</i> (photo)	=	<i>P. sp.</i> undescribed, the taxon illustrated is particularly common in flats near Eneabba (<i>P. insectifera sensu stricto</i> occurs to the east of Hyden)
THELYMITRA			
269	<i>T. macrophylla</i> (photo)	=	<i>T. sp.</i> undescribed, the taxon illustrated is from the Northampton area (<i>T. macrophylla sensu stricto</i> occurs near Kalamunda)

Orchids of South-west Australia

Name changes since Orchids of South-west Australia was updated in 1992 (note: many names are still in manuscript form (ie. not formally published). These names are denoted with the ending "ms").

Page	Genus/species		New name
221	BURNETTIA MS	=	PYRORCHIS
222	<i>B. forrestii</i> ms	=	<i>P. forrestii</i>
223	<i>B. nigricans</i> ms	=	<i>P. nigricans</i>
	CALADENIA		
56	<i>C. caesarea</i> subsp. <i>subdita</i> ms	=	<i>C. luteola</i> ms
71	<i>C. christineae</i> subsp. <i>christineae</i> ms	=	<i>C. christineae</i> ms
73	<i>C. christineae</i> subsp. <i>insularis</i> ms	=	<i>C. longicauda</i> subsp. <i>rigidula</i> ms (coastal form)
48	<i>C. flaccida</i> subsp. <i>flaccida</i> ms	=	<i>C. flaccida</i>
47	<i>C. flaccida</i> subsp. <i>pulchra</i> ms	=	<i>C. pulchra</i> ms
124	<i>C. hoffmanii</i> ms	=	<i>C. hoffmanii</i> subsp. <i>hoffmanii</i> ms (Northern)
			<i>C. hoffmanii</i> subsp. <i>graniticola</i> ms (Wheatbelt)
115	<i>C. tentaculata</i>	=	<i>C. longifimbriata</i> ms
33	<i>C. varians</i> subsp. <i>variens</i> ms	=	<i>C. vulgata</i> ms
32	<i>C. varians</i> subsp. <i>exilis</i> ms	=	<i>C. exilis</i> subsp. <i>exilis</i> ms
38	<i>C. varians</i> subsp. <i>fuscolutescens</i> ms	=	<i>C. fuscolutescens</i> ms
31	<i>C. varians</i> subsp. <i>hiemalis</i> ms	=	<i>C. hiemalis</i> ms
37	<i>C. varians</i> subsp. <i>horistes</i> ms	=	<i>C. horistes</i> ms
39	<i>C. varians</i> subsp. <i>meridionalis</i> ms	=	<i>C. meridionalis</i> ms
35	<i>C. varians</i> subsp. <i>nobilis</i> ms	=	<i>C. nobilis</i> ms
34	<i>C. varians</i> subsp. <i>pendens</i> ms	=	<i>C. pendens</i> ms
30	<i>C. varians</i> subsp. <i>postea</i> ms	=	<i>C. postea</i> ms
36	<i>C. varians</i> subsp. <i>remota</i> ms	=	<i>C. remota</i> ms
40	<i>C. varians</i> subsp. <i>talbotii</i> ms	=	<i>C. talbotii</i> ms
41	<i>C. varians</i> subsp. <i>vanleeuwenii</i> ms	=	<i>C. exilis</i> subsp. <i>vanleeuwenii</i> ms
44	<i>C. variegata</i> ms	=	<i>C. occidentalis</i> ms (<i>C. variegata</i> is a name used for an Eastern States species of <i>Caladenia</i>)
	MICROTIS		
286	<i>M. parviflora</i>	=	<i>M. eremaea</i>
	PRASOPHYLLUM		
306	<i>P. odoratum</i>	=	<i>P. odoratissimum</i>
295	<i>P. ringens</i>	=	<i>P. gracile</i>
298	<i>P. plumaeforme</i>	=	<i>P. plumiforme</i> (note spelling change)

Orchids of South-west Australia

Species which were poorly known in relation to their distribution and habitat when Orchids of South-west Australia was updated in 1992, for which we now have new information.

Page	Genus/species	Notes
CALADENIA		
29	<i>C. dorrienii</i>	New populations have been found east-north-east of Manjimup.
53	<i>C. elegans</i> ms	Several new populations were found during surveys in 1996, including two north-east of Northampton.
97	<i>C. interjacens</i> ms	New populations were found on south coast to the east of Augusta in 1996.
28	<i>C. melanema</i> ms	Several new populations have been found on margins of salt lakes between Lake Grace and Pingrup.
133	<i>C. voigtii</i> ms	A number of new populations were found between Balladonia and Salmon Gums during surveys in September 1996
DIURIS		
410	<i>D. concinna</i>	This species is now known to be very common to the east of Esperance, reaching its flowering peak in mid November.
408	<i>D. heberlei</i>	Recently found to the east of Augusta in coastal swamps south of the Scott River Plains, flowering well into February.
405	<i>D. micrantha</i>	Now known to occur in winter-wet flats between Perth and Bunbury, and to the south-east of Collie.
ERIOCHILUS		
183	<i>E. pulchellus</i> ms	Very common on granite outcrops to the east and north-east of Esperance (previously thought to be endemic to the Walpole area).
PARACALEANA		
211	<i>P. triens</i> ms	Found two years ago growing in a large population to the east of Manjimup, flowering in early to mid December.
PTEROSTYLIS		
371	<i>P. picta</i>	Gives way for <i>P. roensis</i> (page 368) to the south of Southern Cross and to the east of the Stirling Range.
377	<i>P. aff. turfosa</i>	New populations found in the Augusta area.
THELYMITRA		
264	<i>T. aff. longifolia</i>	Very common on coastal granite from east of Esperance to Israelite Bay.
245	<i>T. jacksonii</i> ms	Found in several areas south-west of Mt Barker (previously thought to be endemic to the Walpole area).

WANOSCG GENERAL MEETING 16/4/97

PRESENT - As per Attendance Book.

VISITORS & NEW MEMBERS - Astrid Boggs and Justin Merritt were welcomed.

MINUTES - It was moved Arends/Manners "that minutes of General Meeting of 19/3/97 be accepted. CARRIED.

BUSINESS ARISING - Nil.

CORRESPONDENCE - As per Correspondence list.

TREASURER'S REPORT - Treasurer's report was circulated.

FIELD TRIPS - Field Trip Co-ordinator required. No immediate offers. It was moved J. Eaton/T. Lock "that a vote of thanks be given to John Arends for his work in this position." CARRIED.

PLANT TABLE - Bill Burton, John Arends and Harry Lodge had plants to show.

SPECIAL BUSINESS - Noel Clarke was presented with his Honorary Life Membership Certificate by the President to members' acclaim.

GENERAL BUSINESS - It was moved Clarke/I. Greeve "that Wayne Merritt and Don Manners be the Group's representatives at Conservation Council meetings." CARRIED. Bill Burton will find out details of Northern Districts Orchid Show (not NDOS, Perth. Ed.) to be held in July/August. WANOSCG members could display plants. A very interesting and informative talk and slide show was given us by Andrew Brown, on name changes, and new orchid discoveries in W.A. Two raffles were provided by Jean Long and won by Dave Parker and Mrs Brockman. Our supper was provided by Jean Long. Meeting closed at 9.55 pm.

	SUPPER ROSTER	RAFFLE ROSTER
MAY	Noel Clarke	Joe Ward
JUNE		Ross Fox
JULY	M. Haynes	Noel Clarke

WANOSCG
PO Box 323
Victoria Park 6979

SURFACE
MAIL

POSTAGE
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BROWN MR A



Forthcoming Field Trips
Sunday 29th. June to Narrogin.