

BULLETIN MAY 2011

Registered by Australia Post Publication No WBH 1240

President:

John Ewing [REDACTED]

V President 1:

Kim Hansen [REDACTED]

President 2:

Eddy Wajon [REDACTED]

Secretary:

Treasurer:

Matz Dahlkamp [REDACTED]

Committee:

1 Russell Thomas

2 Jay Steer [REDACTED]

3 Thea Hansen [REDACTED]

Editor:

Urszula Kokosinska

[REDACTED]

E-mail- [REDACTED]



WANOSCG (INC) 1974 - 2011

Patron:

Prof. S Hopper

POSTAL ADDRESS:

PO BOX 323,

VICTORIA PARK, W.A. 6979

EMAIL ADDRESS: wanoscg@gmail.com

WEB ADDRESS: [REDACTED]

WEB MASTER: Don Ward email: [REDACTED]

Registrar:

Christine Lock [REDACTED]

Librarian:

Bill Burton [REDACTED]

Field Trip Coordinator:

Iain McLean [REDACTED]

or [REDACTED]

Conservation Officer:

Eddy Wajon [REDACTED]

Supper Coordinator:

Donna Wajon [REDACTED]

Auditor:

Phil Bunney [REDACTED]

Conservation Council Rep:

Eddy Wajon

Christine Lock

OBJECTIVES OF THE GROUP

- To promote interest in and preserve Western Australian indigenous orchids.
- To learn the best means of cultivation and do all things possible for the conservation of native orchids in their environment.
- To learn their habits and keep records.
- To have field days and learn to recognize the different genera and species.
- To hold meetings for the exchange of knowledge and furthering of interest in W.A. orchids.
- To affiliate with kindred organizations.
- To make rules for the governing of the Group's domestic affairs.
- To do all such 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.

NEXT COMMITTEE MEETING Wednesday 11th May at 7.30 pm

NEXT ANNUAL GENERAL MEETING Wednesday 21st March 2012 at 7.30 pm

NEXT GENERAL MEETING Wednesday 18th May at **7.30 pm** at the Lecture Theatre, Kings Park Admin. Office.

Please note a new time for commencement of the general meetings 7.30 pm.

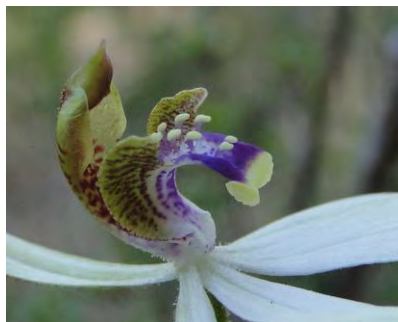
BULLETIN ARTICLES

Please email any Bulletin contributions to Urszula Kokosinska at [REDACTED] or call on [REDACTED].

Articles for the next Bulletin need to be submitted by 1st of next month.

2011 FORTHCOMING MEETINGS

18 May	General meeting
15 June	General meeting
20 July	General meeting
17 August	General meeting
21 September	General meeting
19 October	General meeting
16 November	General meeting



COPYRIGHT

All articles and images appearing in the Bulletin remain the property of WANOSCG or the original owner. WANOSCG is happy for any of the articles, items or images to be used by another orchid society for a non-profit purpose providing the society acknowledges the source and the author.

Proceedings of Committee Meeting held April 13th 2011

1. Secretary – 7 possible candidates were raised. 5 were eliminated as known not to be willing. President to contact the other 2 [This has been done and both declined]
2. Role of secretary has been reduced to recording minutes and dealing with outgoing correspondence. In the short run all other tasks are now being done by other committee members
3. Committee responsibilities were allocated. Study group leaders will be Kim and Thea Hansen, and Jay Steer. Other responsibilities according to elected positions with membership records shared between the Bulletin Editor and the Treasurer.
4. New Website proposal – substantial discussion led to the decision to bring a possible format to the membership by email and by print post.
5. Committee meeting times now to be on the Wednesday prior to the General Meeting.
6. President reported on discussion he had with both Noel Clarke and Tom Blinco (the latter by email). Issues were clarified, but there was not agreement about how some of those were to be dealt with. The discussion did lead to a conclusion that perhaps there was a need for some constitutional changes.

WANOSCG GENERAL MEETING MINUTES Wednesday 20th April 2011

Meeting held at: BGPA Boardroom, Kings Park.

Meeting opened: 8:00 pm

CIRCULATION OF REPORTS: Attendance Book and Treasurers Report were circulated.

ATTENDANCE: 25 members present and 4 apologies and 1 visitor

RAFFLE: Kindly donated by John Ewing

1. PREVIOUS GENERAL MEETING MINUTES

1.1 Correction from Andrew Brown that he is not able in terms of time to be involved in developing the website that is being proposed by Ross Coghill, a WANOSCG member who lives in Quairading.

1.2 The bulletin has incorrect financial information and this will be corrected in the May bulletin.

The Minutes of the General Meeting on 16 March 2011 as distributed and after amendments are a true and correct record of the meeting.

Moved Jay Steer Seconded
Margaret Collins Carried.

2. BUSINESS ARISING FROM THE PREVIOUS MEETING

2.1. Liz Ryan has tendered her resignation from the committee due to her work commitments. The Committee can now fill this position as a casual vacancy.

2.2. Adopt an Orchid to be raised in the May meeting.

2.3. Formation of Special Interest Groups – initially there was no formal agreement to form such groups the following points were made

- Groups could study a group of orchids, a particular species, or a particular area or locality e.g. north western Perth
- Such study groups would not replace field trips

A motion was then put „That WANOSCG form study groups as outlined above

Moved Jay Steer Seconded Russell Thomas Carried

2.4 Visit of John Ewing to Noel Clarke – John explained that in response to comments made in the March meeting he chose to visit Noel. He stated that he and Noel did not agree on a number of issues, specifically the emphasis of the club on conservation. John has received further personal correspondence from Noel to which he will reply.

2.5 John Ewing has contacted Anna De Haan and the Southern Rivers Group and orchid surveys in conjunction with DEC in the area of Bayonet Head. Some survey work will be done but since most of the area is private property this will limit access considerably.

3. CORRESPONDENCE

3.1. The general correspondence list was circulated to Members present.

4. MATTERS ARISING FROM CORRESPONDENCE

No issues

5. TREASURER'S REPORT

The Treasurer's report was circulated. The issue of the incorrect bulletin report of the Audited Report was mentioned. This will be corrected in the May bulletin.

6. FIELD TRIP REPORT

6.1. Iain McLean outlined possible trips to Lesueur National Park where there has been a fire. Also to Ningham Station and to Cape Arid. All are in planning stages. Any requests to be made to Iain as soon as possible.

7. GROWERS TABLE nil

8. CONSERVATION – nothing new to report

9. GENERAL BUSINESS

9.1 The position of SECRETARY is still vacant. Any member who feels they could take on this role to contact John Ewing

9.2 Committee meeting are now conducted on the Wednesday before the General Meeting. This would allow the General Meeting to be held earlier. A straw poll was held and the result was Meet at 7pm 3 votes

Meet at 7.30 more than 17 of the 25 members present.

The GENERAL MEETING WILL NOW COMMENCE AT 7.30 PM

This will be published in the Bulletin.

9.3 John Ewing spoke about raising contentious issues or dissatisfactions in the General Meeting. He requested that members advise him (or another Committee member) about such an issue **BEFORE** it is raised in the General Meeting. Both he and the Committee will try to ensure the issue is addressed and then, if needed, the issue can be brought to the whole membership either via email, printed copy and then members can know the issue will be raised in the following General Meeting.

9.4 WEBSITE PROPOSAL - Members who received the bulletin electronically had been sent an initial proposal about WANOSCG creating a new Website. Other members who were at the meeting received a printed copy of the same document at the meeting. John Ewing explained briefly that since the original document had been decided upon by the Committee that further changes were still being considered.

During the discussion the following points were made

The website could hold information from the Study Groups

The new website would allow much more involvement and contribution by members

Specific locations of orchids should not be available to the general public

Data base would be directly available from the website (only be members who would have a password)

Passwords could/would possibly be compromised by „hackers“

ANOS Victoria doesn't have a database on their website. Mike Duncan (President of ANOS Victoria and a senior DES officer (equivalent of DEC in WA) did not recommend having a data base on the website

ANOS Victoria does not announce where they are going on their website nor what might be seen on the trip

Having different levels of access would be inequitable – there should just be members and non-members

The website should NOT be aiming to encourage more new members, due to issues of trampling and digging up of orchids that already exist.

John Ewing indicated that the Committee is hoping to have members vote on a revised proposal for the Website at the next General Meeting

10. PRESENTATION – given by Rod Peakall

11. RAFFLE DRAW Rod Peakall drew the raffle and the winner was Matz Dahlkamp

MEETING CLOSED: 10.00 pm

NEXT MEETING: 7.30 pm Wednesday

18 May 2011

AUDIT CONFIRMATION Errata

As many of our members noticed the financial summary below the auditor's statement for the year ending 31st Jan 2011 was incorrect .I sincerely apologise for the mistake. Below is the correct statement for the last year.

Statement of Receipts and Payments For the year ended 31 January 2011					
			31/01/2011		31/01/2010
Receipts					
Memberships			3,405.00		2,600.00
Nomination Fees & Badges			580.00		515.00
Car Stickers			27.50		30.00
Embroidery Garments			1,136.00		-
Flava Badges					-
Publication -History of WANOSCG					-
General Postage			1.00		-
Interest Received			360.92		571.20
Publication- Orchid Flowering Time					-
Publications			34.00		-
Publication -Orchids of WA (2008)			-		130.00
Pat Dundas Cards			11.00		-
Raffle			375.00		424.80
Rufa Survey Report					-
Supper			163.50		171.55
GST			2,985.00		111.00
Donations			380.71		52.97
Lottery West			260,064.20		211,054.80

Transfer from GCMA *		93,908.55		56,485.09
Wineglasses		-		115.20
		363,432.38		272,261.61
Expenditure				
Bulletin Copying		339.15		418.00
Bulletin Postage		297.20		417.45
Conservation Council Award Evening				-
Conservation Council Annual Fees		90.00		390.00
Embroidery Garments		860.19		-
General Postage		45.85		38.30
GST		2,141.00		6,899.00
First Aid Kits		370.60		-
Insurance		649.00		643.50
Name Badges		325.00		323.00
Post Office Box Renewal		79.50		75.00
Presentation		-		55.85
Rent		540.00		495.00
Stationery		41.44		59.35
Supper		158.10		142.07
Universal Press (new book)				-
University of WA		143,838.68		208,494.43
Transfer to GCMA *		86,680.00		55,000.00
Advertisement		48.37		80.52
Car Stickers		-		352.00
Wineglasses		-		547.00
Publications		42.00		-
Trf to Police & Nurses Credit Society		25,821.89		-
		262,367.97		274,430.47
	Excess Payments over Receipts	\$ 101,064.41		-\$ 2,168.86
	Cash at Bank	2010/11		2009/10
	Balance - February 1	5,364.42	Incl. u/p chq's	7,533.28
	Plus Receipts	363,432.38		272,261.61
		368,796.80		279,794.89
	Less Payments	262,367.97		274,430.47
	Balance - January 31	\$ 106,428.83		\$ 5,364.42
	Investments	2010/11		2009/10
	Term Deposit (BW)			
	Balance - February 1	8,611.48		8,212.91
	Interest	358.32		398.57
	Balance - January 31	\$ 8,969.80		\$ 8,611.48
	Gold Cash Mgmt Acct			
	Balance - February 1	7,228.55		8,713.64
	Trf to GCMA Account	7,228.55		1,485.09
	Balance - January 31	\$ -		\$ 7,228.55
	Term Deposit (P & N)			
	Balance - February 1	25,821.89		-
	Interest	-		-
	Balance - January 31	\$ 25,821.89		\$ -
	Bank Funds 31 January 2011	\$ 141,220.52		\$ 21,204.45
	Lotterywest Cash Advance	\$ 84,728.89		
		\$ 56,491.63		

SEXUAL DECEPTION IN ORCHIDS : **Recent Research findings**

ROD PEAKALL

Guest speaker at the WANOSCG meeting on 20th April was Professor Rod Peakall, Evolutionary Biologist from ANU, Canberra and formerly a UWA Botany graduate.

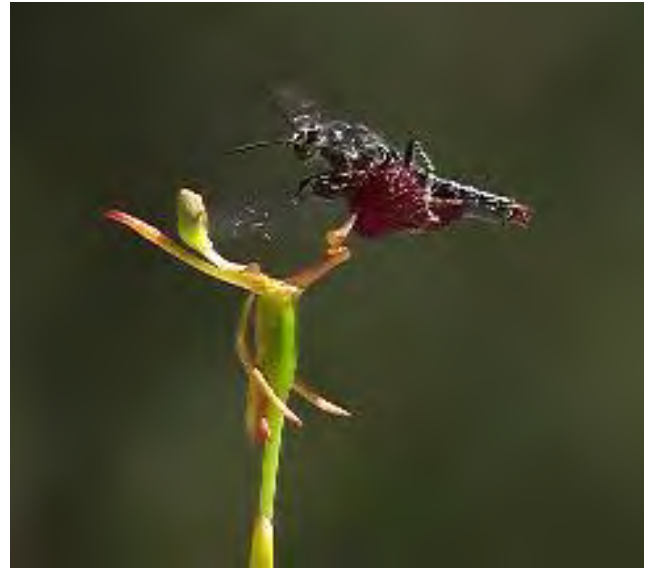
He stated it was good to be „home“ in WA again and gave us a very interesting presentation called “The False Promise of Sex: how orchids use chemicals to lure insects.”

He told us that approximately one third of orchid species use deception to attract their pollinators. While most of these orchids are food deceptive (looking and smelling like flowers that offer nectar or pollen as food), some deceptive orchids lure their specific pollinators by sexual deception. Sexually deceptive orchids lure male insects by mimicking a female insect. This process is the most well-developed in Australia and commonly involves Thynnine wasp species. Certain orchids have developed floral odours that mimic the sex pheromones of the female wasp and this appears to be the most significant attractant for the male pollinators. Secondary attractants are visual and tactile mimicry of the female wasp form as part of or all of the labellum, e.g. *Drakaea*.



In studies of Australian sexually deceptive orchid floral odours, his team has found that among hundreds of compounds, there are only a few that are the active attractants for the pollinators.

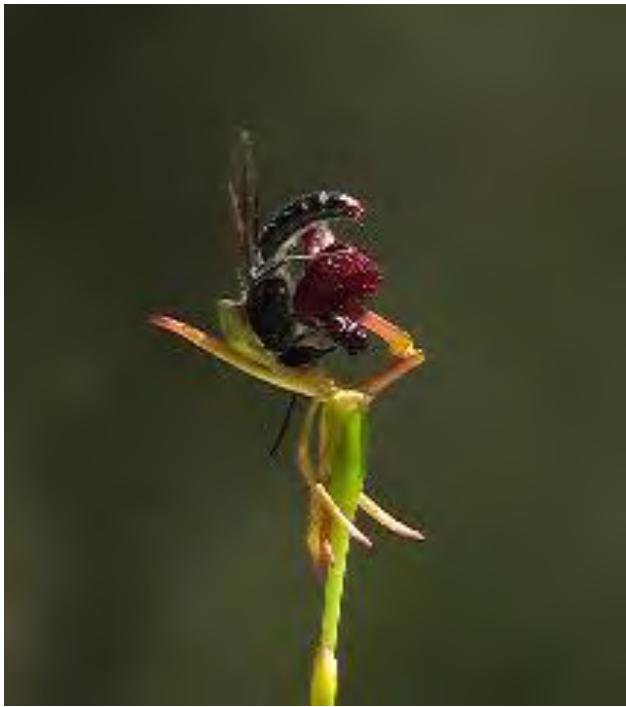
Initial studies on *Chiloglottis* species in the Eastern states discovered that only one or two compounds are involved in both the wasp pheromones and the orchid's mimicry of the pheromone. These compounds were entirely new to science and have since been named „*Chiloglottones*“.



Chiloglottis and *Drakaea* are sister species that have evolved separately from a common ancestor. It was therefore predicted that *Drakaea* would use similar compounds.

Surprisingly, however, this was not the case! Ongoing research has found that the *Drakaea* pollinators respond to up to 7 compounds. Furthermore, these compounds are of a different chemical composition to those of *Chiloglottis*. The *Drakaea* attractant compounds are called Pyrazines. While these kinds of compounds are known from other plants and insects, many of the Pyrazines found in *Drakaea* are new to nature. Given the larger number of compounds involved, the unravelling of the attractant pheromone puzzle in *Drakaea* will be a much more complex task than that of *Chiloglottis*.

The amazing thing is that the orchids have evolved and specialised to such an extent that they are able to intercept the complex communication channels between the male and female wasps in order to achieve a high degree of pollination and ensure survival.



The fact that most *Drakaea* species attract only one species of wasp highlights their vulnerability and dependence on many external factors for their continuing survival.

This was a very interesting presentation and gave us an insight into both the complexity of the current research projects and the amazing evolution of the orchids.

Margaret Petridis.

All photos provided by Professor Rod Peakall.

CHANGE TO PUBLICATION OF NUYTSIA: BULLETIN OF WESTERN AUSTRALIAN HERBARIUM

Published in "Western Wildlife" Vol 15 No. 2, April 2011

The Western Australian Herbarium was established in 1928, and its officers started to collect specimens and record information about WA's plant species and communities. At first there were very few staff, and as information accumulated, research papers were published in a wide range of both local and overseas journals. To bring all this local taxonomic research together, a new journal, *Nuytsia*, was launched in 1970.

At this time the WA Herbarium was part of the Department of Agriculture and on its transfer to the Department of Conservation and Land Management (now DEC) in 1988, publication continued unabated. But changes were looming. It was becoming more and more expensive to produce each issue and in addition, the electronic communications revolution meant that people began to search for material online, rather than on a bookshelf. So, *Nuytsia* volume 20, published in November 2010, will be the last to be distributed as a paper copy.

From 2011 on, *Nuytsia* will be published online only, except for a few hard copies necessary to comply with the international requirements for formal publications of taxonomic names. The online version is freely available for download.

Please see the link

<http://www.dec.wa.gov.au/content/view/951/1808/>
-this is where you can search for *Nuytsia* papers and download full text. At the moment papers go back to Vol. 16 and earlier issues will be added progressively.

Article provided by Matz Dahlkamp

MEMBERSHIP

All members are reminded that annual subscriptions are now due. The annual family membership fee is now \$30. Payment can be made in person to the Treasurer or by mail with cheques made out to WANOSCG and sent to [REDACTED]

[REDACTED] Or by electronic transfer to the club's bank account:

BSB: **306044**

Bank name: **Bankwest**

Account number: **5492468**



If you choose to send money electronically please advise Matz Dahlkamp our Treasurer by e-mail [REDACTED] that you have done so.

Members Field reports

We got to Tindale Rd, Mandalay Rd and Sandy beach near Walpole last weekend and noted the

White Bunny orchids flowering as usual. Not much else to report.

Although, a nice last spring burn in and around Boronia Estate subdivision off Karri Rd, Walpole looks promising to us for spring this year.

Another big burn (controlled) was done at William Bay from Elephant Rocks and west from there.

The next one planned imminently is west of William Bay towards Parry Beach.

Even these late burns can stimulate extra orchids in the late spring, early summer down here if the rain is adequate.



There was also a late spring burn along the Denmark/Mt Barker rd stretching 11km south of the south side of Blue Lake rd.

It's our experience that these burns yield the most orchids late in the year down here – but in saying that, we were out there a few days ago looking at attractive leafless orchids.

Jeff and Wendy Spencer

On the weekend 30th April / 1st May we decided to look for bunny orchids at Wave Rock near Hyden. On the way granite outcrops on Brookton Hwy were very disappointing. The terrain between Brookton, Corrigin and Hyden was the driest we have seen in years. The bush around Wave Rock looked really scorched and black in colour. Though, to our surprise, just where the vegetation meets the granite little signs of life were evident. We spotted 16 crinkle-leaf bunny orchids. 7 flowering and the rest with one or two buds. Unfortunately we saw not only orchids but many more cigarette butts around the plants.

Urszula & George Kokosinski



	Raffle Roster	SPEAKERS 2011
MAR	John Hills	Mark Brundrett – Final Report on Wheatbelt Orchid Rescue Project that has been funded by a Lotterywest grant
APRIL	John Ewing	Rod Peakall
MAY	Ross & Margaret Fox	Ross Fox – “Orchids from our Travels”
JUNE	Sarah Atkinson	Tony Lock – “Operation of the new Website” Kim Hansen – “Adopt an Orchid”
JULY	Jack Eborall	Belinda Newman – “Urban Orchids in Perth Region”
AUG	Tom Burbidge	TBA
SEPT	Thea & Kim Hanson	TBA
OCT	Jay Steer	TBA
NOV	Ian Greeve	Photo competition and members’ slides

If undeliverable return to
 WANOSCG
 PO Box 323
 Victoria Park 6979

Print Post Approved
 PP630205/00007

SURFACE MAIL

POSTAGE PAID AUSTRALIA

PROPOSED FIELD TRIPS

Due to very low rain or no rain at all in many areas it is very difficult to predict what the 2011 orchid season will bring. Below are trips planned for next months:

1. Sunday, 29th May - to Meenaar Nature Reserve. Leaving the Lakes on Great Eastern Hwy at 8.30 am.
2. Sunday, 19th June – to Lesueur National Park. Meeting at Coomallo Rest Area (Brand Hwy/Jurien Rd) at 10.00 am.
3. August – to Ninghan Station.
4. September – to Cape Arid.
5. November – to Paganoni Rd.

In September possible trip together with the Southern Rivers Branch. More details will be available later in the year. If you are coming on any of these trips please let know Iain McLean as early as possible (). Any suggestions regarding future trips are also welcome.

