



Western Australian Native Orchid Study and Conservation Group

April 2016 Bulletin

WANOSCG AWARD For 2015

The WANOSCG Award for 2015 went to Donna Wajon for her dedicated service to the club.

Donna joined WANOSCG in May 1996 because although she had access to "Orchids of South-West Australia", and Eddy's vast knowledge, she still needed help in identifying orchids. It was not long before Donna began the first of the many services that she has contributed to the club.

In August 1996 she was assigned to write the field trip report for a club trip to Paynes Find. The result of this task has evolved into her producing and updating the club's Orchid Sighting Report forms – which is by no means a small feat in the face of the ever changing world of orchid nomenclature.

Donna has performed countless acts that benefited the club including serving as supper co-ordinator for 14 years (1999 until 2013), collecting the raffle monies and organising the purchase of club garments. She also designed club logos and embroidered them onto the garments.

Above all else Donna is a very friendly, positive and constructive person who always looks at what she can do to forward the groups objectives.

Thank you Donna, you truly deserve this award.

Jay Steer, WANOSCG President



WANOSCG 2015 Award winner Donna Wajon with President Jay Steer. Photo by E. Wajon.

INSIDE:

- Meeting Minutes
- AGM Election results
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- New orchid names
- And more

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General Meetings are held 7:30pm the 3rd Wednesday of the month, March through November, at the BGPA Boardroom, Kings Park

WANOSCG General Meeting Minutes

Wednesday, 16th of March 2016

Meeting held at: BGPA Boardroom, Kings Park.

Meeting opened: 7:57 pm. The meeting was chaired by Jay Steer.

ATTENDANCE: 34 members were present. Visitors: Athol Grosse, Zoe Grosse (re-joining the Club). Welcome to new members: Ron Fauntleroy and Andrew Simpson.

Apologies: Tom Burbidge, Thea Hanson, Alison Higgins, George Kokosinski, Margaret Petridis, Margaretha Roepen, Bernie Sangster.

CIRCULATION OF REPORTS: Attendance Book, Conservation and Treasurer's Reports were circulated to the members

RAFFLE: Prize donated by Jane and David Cumming

1. PREVIOUS COMMITTEE MINUTES

Members were asked if they had any amendments to the minutes of 18 November 2016 General Meeting that appeared in the March bulletin.

It was moved by Margaret Fox and seconded by Kevin Uhe that the General Meeting Minutes of 18 November 2015, as published in the March 2016 bulletin, are a true and accurate record of that meeting. *Carried*

2. BUSINESS ARISING FROM THE PREVIOUS MEETING

2.1 WANOSCG Data Base: Report from the Registrar. It was noted that 1,436 entries had been made in the last 13 months bringing the current total number of entries to 6,624. A revised orchid sighting spreadsheet with dropdown menus was circulated with the November Bulletin. This will be updated from time to time as the need arises.

2.2 Website of validated digital photos of all WA native orchids: Noel Hoffman reported that the current number of images at www.wanoscg.com totalled 771 covering 261 species. It was suggested by John Ewing that members look at the website to see if they have photos of species not yet covered and forward them to Noel for inclusion (and verification, if necessary). Noel, however, welcomes all photos as this would reflect the diversity of locations and flowering times of orchids.

2.3 Strategic plan (Review of 5-year plan): addressed in general business.

2.4. Dieback prevention: WANOSCG will be taking a more proactive approach to dieback prevention.

3. TREASURER'S REPORT

The Treasurer (Marina Karyagina) tabled a report for the period 1 November 2015 to 31 January 2016:

	1 Nov 2015 to 31 Jan 2016	1 Feb 2015 to 31 Jan 2016
Income (operating account)	\$603.00	\$5770.90
Expenditure	\$592.00	\$3239.09

The outgoing Treasurer also tabled a report for 1 to 29 February 2016 :

	MTD (1/02/16– 29/02/16)	YTD (1/02/16– 29/02/16)
Income (operating account)	\$115.00	\$115.00
Expenditure	\$0.00	\$0.00

She noted that we have first new members for 2016, Robert and Rosalie Lawrence - the President and Secretary of the Native Orchid Society of South Australia (NOSSA).

It was moved by Tim Hodgkins and seconded by Lyn Alcock that the Treasurer's report for February 2016, as tabled, be accepted as a true record of the club's finances. *Carried.*

4. CORRESPONDENCE

From 19 November 2015 to 16 March 2016

Electronic or hard copies of Newsletters and Bulletins have been received over the period from: Orchid Society of Western Australia Inc, ANOS Illawarra, ANOS Sydney, ANOS Macarthur, NOSSA. Correspondence covered a wide range of topics.

Inward emails to the WANOSCG Web site

Date	Sender	Topic
11/3/16	Simone van Hattem CCWA	CCWA MEMBER GROUP E-BULLETIN
9&11/3/16	Tim Hodgkins	Warwick Open Space - hockey development
2/3/16	Pat Richards	WANOSCG brochure - first draft
26/2/16	Andrew Brown	New checklist covering all orchids found in Australia
29/2/16	Tim Hodgkins	Bakers Junction site ruled out
24/2/16	Naomi Rakela	Eastern Metropolitan Regional Council (EMRC): Expression of Interest in "Healthy Wildlife Project Reference Group" (closed 11 March)
24/2/16	Mark Brundrett	Paper on rare orchid monitoring – members interested in receiving a copy of the full paper should request from Jay Steer by email.
11/2/16	Simone van Hattem CCWA	Briefing on Biodiversity Conservation Bill 2015 RSVP by 12 January 2016
6/2/16	Nina Stick EMRC	Bush Skills for the Hills program - January – June 2016 pdf
6/2/16 & 15/2/16	Mia Pepper (CCWA)	No Uranium mine at Wiluna and Mulga Rock
3/2/16	Helen Bryant	CCWA - General Meeting Notice - Weds 24 February 2016
13/1/16	Andrew Brown	Rumour about relocation of <i>Thelymitra jacksonii</i>
23/12/15 - 8/3/16	Tim Hodgkins	Proposed Motocross Facility at Bakers Junction Nature Reserve
22/12/15	Dept of Commerce	New laws for Associations and Clubs in 2016 Associations and Charities Branch, Dept of Commerce
18/12/15	Tim Hodgkins	Wheatbelt woodland pdf
16/12/15	Margaret Collins	Hire of UWA facilities in Albany \$150/half day
14/12/15	Tom Hardy	Speaker for the Mandurah & Districts Orchid Club of WA
10/12/15	Jon Warren	Strategic Plan Membership Program
4/12/15	Simone van Hattem CCWA	11 Dec 2015 General Council meeting agenda + Community Conservation Awards 2015
3&4/12/15	Michelle Geiles	BGPA Boardroom Bookings for 2016
1/12/2015	Eddy Wajon	WANOSCG Award nomination KH

5. FIELD TRIPS

The Field Trip report for 2015 was published in the March bulletin.

An outline for field trips in 2016 was published in the March 2016 Bulletin.

- *The 2016 extended/camping trip* is going ahead in late August. The trip is already fully booked. It is planned that a 2017 trip will be less rigorous and 'closer in' so that others may be able to attend (since most of the 2016 group also came on either or both the 2015 and 2014 trips)
- *Rottneest Island orchids* – members are reminded that if they are on Rottneest they should record any orchid sightings so that these can be passed on to Luke Wheat of the Rottneest Island Board.

- Margaret Petridis is developing a list of *field trips reported in old bulletins* so that we can revisit these sites to check what orchids are currently present. This will be published when completed.
- *Continuing study of burn sites.* Kevin Uhe will provide a list of burns for the next meeting.
- *The existing "Guidelines for WANOSCG Field Trips 2015" document* has been modified and a "Field Trip Procedure for Members" document has been written. They are intended both for new members and as a reminder to existing members. Particular attention is to be paid to dieback prevention. When finalised they will be published in the bulletin and placed on the club's website.
- *Field trip assistants:* In 2016 Field Trip assistants will be appointed for each field trip to support the Field Trip leader. Their role will be to ensure that field trip protocols are followed. In particular they will be responsible for completion of sign on/off lists, dieback spraying, advising members of the location of First Aid boxes and being aware of the emergency numbers for the local area.

Upcoming Field trips

The first field trip for the year is likely to be to burnt areas on the Forrest Highway.

Personal Field Trips:

Members are requested to fill out the personal field trip report form on the front table and send electronic Orchid Sighting sheets to the Registrar (Ramon Newmann [REDACTED]). If you don't have a copy of the report or sighting sheet then send an email to the Secretary (Pat Richards [REDACTED]) and she will provide you with an electronic copy.

- Paul Winthrop reported accompanying David Edmonds from Walpole to help survey for *T. jacksonii* with good data being captured. He also visited the swamps at Broke Inlet where some *Microtis* species were in flower.
- Eddy Wajon reported having visited the Stirling Range National Park where a potential new species of *Cryptostylis* (similar to *C. ovata*) had been reported. The leaves were broader and the colour was a bit different but EW believes they were still *C. ovata*.

6. CONSERVATION

The Conservation report for 2015 was published in the March bulletin.

It was moved by Tim Hodgkins and seconded by Eddy Wajon that the Conservation report as circulated be accepted. *Carried.*

In addition the following conservation issues were raised:

- It was believed that the proposed mountain bike trail development in the Meelup Regional Reserve at Dunsborough presents no threat to orchids as the affected area is already degraded and it will be fenced to restrict bike access from there to more sensitive areas.
- For Warwick new stadium development, negligible impact on orchids is expected as minimum disturbance is expected. Approximately 15 different orchid species are in the area. We need to ensure that the bushland perimeter fence is repaired.
- Tim Hodgkins is unable to attend the Conservation Council of WA (CCWA) meetings with most of those meetings coinciding with our WANOSCG meetings. Interested parties were invited to attend in his place. Eddy Wajon indicated that it might be more fruitful to attend the Urban Bushland Council meetings as the Perth Peel Urban Growth Plan is the biggest threat to orchids in the metropolitan area.

7. GROWER'S TABLE

Nothing tabled

8. GENERAL BUSINESS

8.1 Rosters for 2016: Raffle and supper rosters were tabled and members asked to sign up.

8.2 Speakers for 2016 are still being sought.

8.3 Membership Fees for 2016 are now due. \$30 single or family memberships.

8.4 WANOSCG Photographic Competition for 2016: Please let the committee know of any suggestions for the 2016 competition.

8.5 New WANOSCG badges: Due to changes in supply the committee has taken the opportunity to move to a white rectangular badge with black lettering. This badge retains our club logo and is easy to read and therefore more useful as a badge.

8.6 New rules for Associations and Incorporated clubs: New legislation is likely to take effect on 1 July 2016 which will require incorporated clubs and associations to make and conform to certain changes in their constitution including:

- A requirement for 'grievances and dispute resolution' provisions in their constitution.
- Changes to financial auditing.
- Lists of the roles of the key Committee positions. Responsibilities for most of these positions are listed in our constitution. At present we have no comprehensive list of the roles for all our various club positions. We need to draw up a list of these roles and once formulated an electronic version will be kept by the secretary.

We will have up to 3 years to update our constitution. Jay has a 'transition package' which sets out the process we need to follow. There is a 'model' constitution provided which we can modify to suit our specific needs.

8.7 Strategic plan 2016 - 2020 (Review of 5 year plan): The overall structure of the new plan was sent out with the March bulletin. Draft action plans have been drawn up for each program. The six programs will each be overseen by a sub-committee. Each sub-committee will be tasked with completing the action plans for their program. Those interested in joining a sub-committee were asked to put their names on the lists on the table.

- **Field trip program:** As part of the new Strategic plan (2016 - 2020) the existing "Guidelines for WANOSCG Field Trips 2015" document has been modified and a "Field Trip Procedure for Members" document has been written. When finalised they will be published in the bulletin and place on the club's website. Margaret has also written a list of roles for the Field Trip Coordinator, Field Trip Leaders and their respective assistants.
- **Growing, developing and fostering membership program:** As part of the new Strategic plan (2016 - 2020) we are in the process of revising the membership application forms and putting together a package of information for new members. Jon Warren has been appointed as the contact person to help new members to "find their way" in the group. The new members' package will include such things as the Field Trip Guidelines, Field Trip Procedures for Members, the constitution, information about how to obtain electronic copies of orchid sighting sheets, and current information about things such as the current year's 'burn list' and any special projects that newer members might like to engage in.

8.8 WANOSCG Brochure: The old committee asked Pat Richards to develop a single page promotional brochure. The first drafts have been completed and await review by the new management committee.

8.9 Current Website: There is a need to update the current website. The committee is in the process of getting some quotes.

8.10 ADORP report: The ADORP report for 2015 by Kim Hanson, will be presented in the next bulletin

PRESENTATION: As a review of the 2015 orchid season, Ramon Newmann presented a series of images of club members taken over the year. This was followed by selected images of orchids from the end of year trip to Walpole. This proved to be an excellent way to start the new orchid season and Ramon was warmly thanked by the members present.

RAFFLE DRAW: Ramon drew the raffle and the winning ticket was held by John Ewing.

MEETING CLOSED: 9:20 pm

NEXT MEETING: 7:30 pm Wednesday 20 April 2016 BGPA Boardroom, Kings Park

EARLY START TO ORCHID SEASON

For those lucky enough to live near or visit the South Coast, the orchid season started early.

Deb Gugerri found her first leafless orchid (see next page) near Northcliffe on 18th of March. Some flowers looked like they were out for a few days. Good population this year.

Marina Karyagina found a bunny and leafless orchids (just one of each) at Scott River National Park at the end of March.

Jeff Spencer reported from Denmark on 1st of April that hare orchids were out along the Bibbulmun track, with some already rapidly going to seed.



Colony of Hare orchids (*Leporella fimbriata*).
Photo by J. Spencer

FIELD TRIPS FOR 2016

APRIL

No organised group field trip this month. We suggest members use the Anzac Day long weekend to explore various areas south/east of Perth to look for *Eriochilus* species, *Leporella fimbriata*, *Praecoxanthus aphyllus* and *Corunastylis tepperi*.

****Please send your data to the Registrar.**

MAY

- Sunday 1st May: Burnt areas off Forrest highway and then West Coolup/Pinjarra (*Eriochilus*, *Leporella fimbriata* and *Praecoxanthus aphyllus*)
- Sunday 15th May: Northam and Meenar NR (*Caladenia drummondii*, *Eriochilus*)

JUNE

- Saturday 4th – Monday 6th June: Stirling Range and Albany

Staying at or near Stirling Range Retreat: please arrange your own accommodation.

- Sunday 26th June: Cataby/Badgingarra areas (*Thelymitra apiculata*)

JULY

- Sunday 24th July: Bullsbrook and Jurien areas (*Thelymitra pulcherrima*)

****Meeting time and place details to be advised the week before the trips ****

Please contact the Field Trip Co-ordinator (FTC) if:

1. You wish to attend any of these trips
2. You have suggestions for other field trip locations/changes
3. You would be willing to lead a field trip to your well-known locations

Margaret Petridis, Field Trip Co-ordinator



Top: *Praecoxanthus aphyllus*.

Photo by D. Guger

Below: *Leporella fimbriata*.

Photo by M. Karyagina.



2016 AGM ELECTION RESULTS

Patron	Steve Hopper	Field Trip Coordinator	Margaret Petridis	Auditor	Phil Bunney
President	Jay Steer	Committee Member#1	Jeanette Wheatley	Supper Coordinator	Trish Newmann
Vice President 1 Year	Ramon Newmann	Committee Member#2	Peter Proudfoot	Librarian	Thea Hanson
Vice President 2 Years	Kim Hanson	Committee Member#3	Jon Warren	Conservation Officer	Tim Hodgkins
Secretary	Pat Richards	Committee Member#4	John Ewing	Editor	Marina Karyagina
Treasurer	Paul Winthrop	Registrar	Ramon Newmann		

ADORP Report for 2015

Welcome everyone to the new orchid year which we hope will be even better than any previous one. Once again if anyone feels the need of a change or is unable to continue with their chosen orchid(s) please let me know. Also, if anyone wishes to join the program, while we have only a few orchids that do not have adoptees, some teams would like extra assistance. Please come and see me if you are interested and I will see what can be arranged.

Last year was very successful with large numbers of reports received and processed and good data made available to DPAW. As well as monitoring all our regular orchids, ADORP conducted two group surveys for *Caladenia ambusta* and *Thelymitra* sp. Ongerup.

While the *C. ambusta* survey was hampered by a combination of bad luck and bad weather it was still quite successful. Three populations were discovered. Again weather was a factor at Ongerup (looking for a sun orchid in cloudy/rainy conditions is not ideal) but despite being nearly cancelled it proved a very good trip.

I would very much like to thank everyone who participated in the surveys and hope they enjoyed being a part of them.



L-R above: *Caladenia ambusta*, *Thelymitra* sp. Ongerup. Below: *T. pulcherrima*. Photos by K. Hanson

Future

This year we hope to do two more group surveys for *C. swartsiorum* and *T. pulcherrima*. It will be interesting to see whether *C. swartsiorum* was affected by the fires this year. *T. pulcherrima* has recently flowered quite close to Perth and we would like to check some reserves just to the north of Perth and an area near Jurien. We hope to have more of these surveys in the years to come.



Kim Hanson, ADORP Coordinator

WANOSCG DATABASE REPORT

Total Sightings April 2016:	7088
Total Sightings April 2015:	5884
Increase over past year:	1204

The Registrar (Ramon Newmann) has compiled some statistics from the WANOSCG orchid database records. Tables below show the number of records in the database for the Top 20 orchid species, Top 20 genera and the most popular locations (by town, shire and region).

Genus	Number of Records
Caladenia flava subsp flava	261
Pterostylis vittata	112
Pterostylis recurva	110
Elythranthera brunonis	109
Pterostylis sanguinea	106
Thelymitra antennifera	106
Pyrorchis nigricans	104
Caladenia falcata	90
Pheladenia deformis	88
Caladenia latifolia	84
Leporella fimbriata	81
Diuris laxiflora	79
Caladenia vulgata	72
Thelymitra benthamiana	72
Caladenia sp	70
Diuris corymbosa	70
Cyanicula gemmata	68
Caladenia longicauda subsp eminens	66
Eriochilus dilatatus subsp multiflorus	66
Caladenia reptans subsp reptans	64

Genus	Number of Records
Caladenia	2833
Pterostylis	932
Diuris	662
Thelymitra	642
Prasophyllum	418
Eriochilus	287
Cyanicula	166
Elythranthera	144
Microtis	133
Pyrorchis	115
Pheladenia	89
Leporella	81
Drakaea	73
Paracaleana	70
Cyrtostylis	67
Ericksonella	57
Lyperanthus	56
Leptoceras	41
Cryptostylis	40
Praecoxanthus	38

Town	Town Count	Shire	Shire Count	Region	Region Count
Manjimup	298	Denmark	619	Great Southern	2299
Northcliffe	237	Albany	531	Wheatbelt	1420
Walpole	202	Cranbrook	442	South West	1272
Brookton	190	Beverley	356	Mid West	714
Eneabba	189	Manjimup	343	Perth	688
Denmark	186	Bridgetown-Greenbushes	302	Goldfields	508
Albany	169	Esperance	300	Peel	131
Frankland	157	Carnamah	253	Kimberley	0
Dale	151	Augusta-Margaret River	252	Gascoyne	0
Augusta	140	Jerramungup	232	North West	0

2014/15 Burn Survey Summary

With a large number of fires over last summer the prospect of finding numerous fire enhanced orchids was an exciting challenge. A number of members responded to the plea of checking out burns around the state and my thanks go to all those who had a look at burns big and small and provided feedback of what was flowering. Ross and Margaret Fox were very thorough in recording what they had found in various burn areas and their contribution was valued.

Many fire areas that should have produced some interesting finds suffered from the dry winter and it was only the Northcliffe and Lake Noobijup burns that provided many highlights during the year. It was pleasing that both these areas were able to be visited as part of the normal club field trips.

Numerous fire stimulated orchids were seen in both burns and it was exciting that both *Caladenia christineae* and *C. harringtoniae* were located at the Lake Noobijup burn. The Northcliffe fire covered an enormous area and thanks go to Wendy and Cheryl from Northcliffe who provided regular updates and also spent time taking visiting members to various locations.

Burns around the Perth area in the main proved very disappointing but a special thanks go to those members who tackled the area around Forrestdale Lake looking for *D. purdiei*. Unfortunately, this fire was too late in the season to stimulate these orchids. One highlight of the Perth burns was locating *Cyanicula ixiooides* subsp. *candida* (white china) even though in very small numbers compared to the Toodyay burn a few years ago.

As with the previous year there have been some interesting finds in some of the burn areas and it is pleasing that many members have been able to view a large number of fire stimulated orchids. It never ceases to amaze — the spectacular displays of orchids such as *Pyrorchis nigricans* and *P. forrestii* along with *Eriochilus tenuis* and *Caladenia nana* subsp. *nana* and *unita*, along with a number of blue *Cyanicula* species. One display that was floristic was *Caladenia marginata* at Lake Noobijup where there were hundreds of plants in flower and in many places there was a white carpet amongst the trees.

Once again I will be providing a listing of the various fires that occurred over the 2015/2016 summer and would ask that members either adopt an area and record what is found or, if driving past an area, stop and see what they can find.

Over the last few years we have been able to find a number of new locations for fire stimulated orchids and it is also a good chance for members to view the more unusual orchids that only flower after fire. It also gives the Field Trip Co-ordinator the opportunity to plan field trips to areas of interest so any feedback on likely good orchid areas are always welcome.



Fire stimulated orchids: *Caladenia marginata*, *C. nana* subsp. *unita*, *Eriochilus tenuis*.
Photos by K. Uhe

Kevin Uhe, Burn Study Group Leader

FIRE STIMULATION

A summary of the effect of fire on geophytic flora at different stages of their reproductive lifecycle

By Andrew Brown

Time of Year/ Season	Stage of Geophyte Lifecycle	Likely Effect of Fire on Geophytes
Mid-autumn (April to mid-May)	For most species still no new shoot above-ground, but new shoot may be present in upper soil profile, after the summer dormant period. The new underground storage organ is just beginning to develop. Very few species flower at this time.	Not life threatening for many species, but for some species where the new shoot is in the upper soil layer, fire may kill it and potentially threaten the development of the new underground storage organ and therefore the survival of the plant.
Late autumn to early Spring (mid-May to mid-September)	Plants are going through active growth – with aboveground parts clearly visible. The new underground storage organ is developing. A number of species begin flowering during this time.	Geophytic species may be killed or damaged. For most, the new underground storage organ has not developed enough to survive through to the following season.
Mid Spring (mid-September to mid-October)	For some species the new underground storage organ is fully developed, but for most it is in the later stages of development. Many species flower during this time.	Aboveground parts including flowers and any seed that has been produced that year may be destroyed. For some species, the underground storage organ is fully developed or close to being fully developed and therefore less likely to be killed or damaged. Most plants can survive but they may be weaker and less likely to flower the following season, depending on the stage of the new underground storage organ.
Late Spring (mid-October to mid-November)	Flowering continues for many species. For most species the new underground storage organ is fully developed.	Aboveground parts including flowers and any seed that has been produced that year may be destroyed. For most species, the underground storage organ is unlikely to be killed or damaged as it will be fully developed. Most plants can survive.



Burnt bush. Photo by M. Petridis

2015/2016 Burns list

In the summer burns list (distributed with the April bulletin) I have recorded any fire 10 hectares or over that occurred during the summer season. *(Please note that this does not include prescribed burns which are very difficult to track given the scarce information and the fact they are often carried out in the wrong seasons to stimulate many of the fire enhanced orchids.)*

I have included a rough location referring to Roads and Tracks – for some fires I have more detailed information than others so locations are not always easy to pinpoint. If members get the chance to check any of these fires I would be very grateful for any feedback regarding orchid sightings as some of these fires may produce some very good flowerings of the fire enhanced orchids.

This will enable information on the rarer orchids to be the target of field trips or just to let members know of interesting locations.

Members should be aware to avoid the Yarloop area as this area is closed to the public and is only a drive through on the highway. There are plenty of locations further to the west that are accessible.

Kevin Uhe

NEW ORCHID NAMING

In the 2015 October/November edition of *Australian Orchid Review* David Jones and Chris French named a new banded greenhood *Uriochilis crebriflorus* for Western Australia. This is illustrated as *Pterostylis* aff. *sanguinea* in Hoffman and Brown (2nd edition) on page 358.

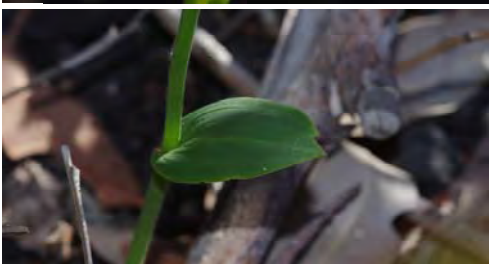
The main characteristics of this orchid are the crowded flowers near the top of the stem. It generally has slightly larger flowers than *Pterostylis sanguinea* and flowers slightly later than that species, though there is overlap in both these features. The orchid has a very restricted distribution on the Darling Scarp around Roleystone with scattered occurrences on the Swan Coastal Plain.

It should be noted that in describing *Uriochilis crebriflorus* David Jones and Chris French have a much narrower definition for the species than that of Brown *et al* 2013. The *Pterostylis* sp 'crowded' illustrated on page 388 is a taller plant with less crowded flowers and a much broader distribution from Katanning to Wongan Hills. At the time of publication Andrew Brown considered *Uriochilis crebriflorus* to be a form of this more widely distributed taxon.

Uriochilis crebriflorus is named after the latin *creber* (crowded, close together) and *florus* (flower) in reference to its crowded flowers.

As *Uriochilis* is a genus that is not recognised by the WA Herbarium it is expected that the species, if considered distinct from *P. sanguinea* (this has yet to be decided by the Herbarium) will be placed into *Pterostylis* at some time in the future.

Kevin Uhe



Eriochilus dilatatus subsp. *magnus* perhaps? Mirrabooka bushland
Photo by M. Karyagina

EARLY ORCHIDS — UPDATING THE DATABASE

Once again the new orchid season is upon us and rather than visiting the same old spots looking for orchids it is worthwhile thinking about exploring new areas in the hope of finding new locations.

The leafless orchid (*Praecoxanthus aphyllus*) is one orchid that is very well known from one location near Pinjarra but given the range of this orchid one suspects it may be found in many different areas. The Clubs database does not have many entries for this orchid and with the start of the new season it is perhaps time that we all started off trying to locate new populations and more importantly get used to filling in the new database sheets designed by the Registrar.

In my early days, I too, was guilty of going to the same locations but last year decided to seek out new locations around the southern areas. Some small populations were found near Donnybrook and Northcliffe and these have now been forwarded for recording in the database.

Even the more common early season orchids (bunnies, hares and pygmies) are worth recording as they are often overlooked as being that common and so "why should I bother to record them"! As the early part of the season is not that floristic in terms of the number of orchid species it is a good time to look for new populations and for practising filling out the new database input sheets.

The challenge is out for how many new populations of the early orchid season orchids we can find!!

Margaret Petridis, Field Trip Co-ordinator

STIRLINGS TRIP

Like everyone else I was getting itchy camera fingers for orchid photos, so on March 27th I headed down south, staying with my travelling friend in Mt Barker. Next day I met Maggie, Tanya and June and they showed me some sites where they knew orchids were flowering and then we explored lots of other areas. *Praecoxanthus*, *Leporella*, *Eriochilus* and *Corunastylis* were seen, along with fantastic views of the Stirlings and lots of other wildflowers in bloom.

The next day I headed along Woogenellup North Rd, stopping to look at lots of Dryandras, my next passion. Heading up Chester Pass Rd I decided to stop at a P stop which looked promising. About 15 steps out into the bush I came across my first Leafless orchid and on further investigation I found a nice little population there. As I drove further up the road I remember thinking that the habitat looked the same and I guessed there would be many more Leafless orchids to find.

I spent the rest of the day exploring the Stirlings, finding no more orchids, but many more Dryandras in flower unusually early, as well as a multitude of other wildflowers. A very successful day.

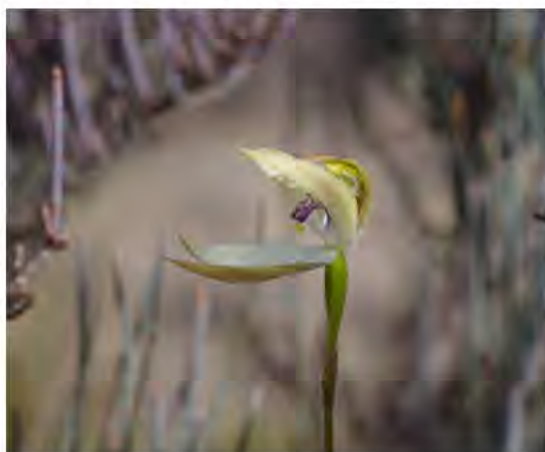
On my way home via the Albany Highway the next day I was looking for a particular Dryandra. Not finding it, I headed down a little road. Finished up finding a brand new, previously unknown population of a little seen sub species.

After I returned home, Maggie, June and Tanya visited the site on Chester Pass Rd and, as I suspected, found hundreds of *Praecoxanthus*. I am heading back down there this week (April 11) to satisfy my orchid withdrawal.

A quick trip out to my local site for *Praecoxanthus* this morning (April 10) at least showed other wildflowers beginning to bloom, and I did find one bud. I found over 100 at this site last year, so from next weekend I will be visiting regularly.

Lyn Alcock

Ed: Umm, Stirlings is my favourite place for orchids too. Last year I went there on the Anzac day weekend. After driving for a few hours (albeit with frequent stops at any promising looking piece of bush), I stopped as soon as I reached the edge of the National park. I did not expect much but to my delight I found half a dozen leafless orchids. Locals call them the ANZAC orchids as they tend to flower around the ANZAC day. So they are well early this year.



Praecoxanthus aphyllus (top by Lyn Alcock, left by M. Karyagina). Right: *Eriochilus dilatatus* subsp. *undulatus*





BABYLONSTOREN ORCHID ENCOUNTER

Last year in the beginning of September George and I visited South Africa and spent three days on one of the oldest farms in south-western Cape called Babylonstoren. The name Babylonstoren “the tower of Babel” is the name of the hill overlooking the property.

The farm dates back to 1692 and has about 580 hectares. Most of it are plum and citrus trees producing fruit for export. Formal beautifully designed fruit and

vegetable garden covers 3.5 ha. The farm has also 72 hectares of vine with 13 different varieties of grapes. Some of the less suitable for farming land was left as natural bush and has mostly vegetation called fynbos. As guests on the farm we were encouraged to wander around and taste all different produce straight from the garden.

No one could tell us if there were any native orchids around so we had our eyes wide open and spotted our first orchid between vines on side of the track. It was one of Monkshood Orchids (*Corycium orobanchoides*). It had multiple yellow-green flowers with purple or black tips.

On the slopes next to vines there were two species of Bonnet Orchids, many still in buds. *Pterygodium catholicum* or Cowled friar flowers mostly after fire and has yellowish-green flowers often with reddish markings. The second Bonnet orchid was *Pterygodium alatum*.

We were looking for *Disa bracteata* but could not spot any...It was great experience to see different environment and such beautiful orchids.

Urszula Kokosinska



Top row L-R: *Pterygodium-catholicum*, *Pterygodium-alatum*, *Corycium-orobanchoides*.
Left: *Pterygodium-catholicum*

CONSERVATION OFFICER REPORT TO 2016 MAY GENERAL MEETING

Clearing Notices: I am continuing to view the clearing notices but have not seen any that involve rare or threatened orchid species. The bulk of clearing has to do with road works, widening and general improvements from a safety point of view. However it is always a concern when road verges are cleared as in the past they have been a home for many orchids.

Projects under watch:

- Norwest Energy, Eneabba.
- BAJV Bauxite, Morangup/Toodyay/Avon Valley NP.
- Meelup Regional Reserve – Mountain Bike Trail.

Members with updated information on these projects should contact me ASAP.

Current projects:

Warwick Bushland (New Hockey Stadium): As reported last month, the works are about to commence on the new Stadium and parking facility. I have been able to view a more detailed site plan of the project and it makes it clear that the Bush Forever sites are not to be disturbed. In relation to this I have surveyed the post and wire fence that currently protects the Bushland. It needs repair in places and after contacting the City of Joondalup I have received assurances that repair work will be carried out in the next four weeks (**Ed:** See next page for the letter from the City of Joondalup). This promise will be followed up on site.

Bunbury Outer Ring Road: There is an opportunity for public comment on this project which is open until April 18th. During the planning works for the project a level 2 Flora survey was carried out and it identified a number of sites where *Caladenia speciosa* would be in the path of the road works. The detail provided is quite specific in the location of the orchids. I propose to write a submission to the MRD outlining our concerns with the disturbance of native orchid species and offering the assistance of Group members in further location and possibly re-location of orchids. The latter can potentially be carried out with the assistance of local members and interested parties.

Other items:

- Existing Reserves & New Reserve – On Hold.
- Membership of Urban Bushland Council – Awaiting the advice of the Committee.

Please do not hesitate to call me on any matters of conservation that concern you.

Tim Hodgkins, Conservation Officer



Caladenia speciosa. Photos by M. Karyagina

FINANCIAL AUDIT RESULTS

I have examined the books, vouchers and bank transactions of the **Western Australia Native Orchid Study & Conservation Group** for the year ended 31st January 2016

I have examined the Financial Statements with regard to having had no input into the entity's transactions. I am a financial member of the Group.

An assets schedule has been completed for plant and equipment with a value being shown on the schedule. As well, a stock take is completed for normal stock items held by the Group, with a value being shown on that schedule.

The stock take and assets schedule was prepared by the Treasurer and the Committee, and is attached to the Financial Statements.

There are no known further liabilities to the Society identified by this Audit.

The attached Statement of Receipts and Expenditure is in accordance with the Society's Management records, and represents a fair and reasonable account of the financial affairs of the Group.



Phil Bunney

AUDITOR

LETTER FROM JOONDALUP CITY COUNCIL

WANOSCG Conservation Officer, **Tim Hodgkins**, has been liaising with the City of Joondalup in regards to the proposed hockey facility at Warwick Open Space. He recently received the following email from the council.

Hi Tim,

Thank you for your email (received 11 march 2016). In your email you raised a concern about the fencing that protects the bushland on the site of the proposed hockey development in Warwick POS.

I have been on site today and there are sections of fence that require replacement and repair. I will make arrangements for this work to be undertaken within the next two months.

Thank you for bringing this matter to the City's attention.

Yours sincerely,

Keith Armstrong

Team Leader Natural Areas

Thelymitra fuscolutea and *T. macrophylla* are two of at least 15 orchid species that grow in the bushland behind the proposed hockey stadium at Warwick Open Space. Photos by M. Karyagina

WANOSCG LIFE MEMBERS

Herb Foote * (1978)
Alex George AM (1980)
Andrew Brown (1990)
Ron Heberle * (1990)
Harry Lodge * (1990)
Jean Long * (1990)
Donald Voight * (1990)
Barbara Yates * (1990)
Noel Clarke (1997)
Roy Hargreaves * (2001)
Ross Wilton * (2007)
William Burton * (2008)
Gloria Jackson (2009)
Noel Hoffmann (2014)
Christine Lock (2014)

* Deceased



MEMBERSHIP FEES FOR 2016

All members are reminded that annual subscriptions are now due. The annual single or family membership fee is **\$30**. Payment can be made :

- to the Treasurer in person
- by mail with cheques made out to WANOSCG and sent to: WANOSCG PO BOX 323, VICTORIA PARK, W.A. 6979
- 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 identify what the payment is for (eg "Annual Fees" and send a copy of your receipt of electronic transfer with your name on it to the club's email account (wanoscg@gmail.com))

ITEMS FOR SALE

- WANOSCG 40th Anniversary Book - \$10
- Cards by Pat Dundas (set of 4) - \$11
- Lighting up the Caves by A. Storrie and C. Thomson-Dans - \$30
- 1995 Rufa Trip Report by C. French - \$10
- WANOSCG 30th Anniversary badges (now this is an antique item!) - \$4
- Caladenia flava badges - \$4
- WANOSCG Car stickers - \$2.5

Contact the Treasurer if you would like to purchase any of these items (wanoscg@gmail.com)

L-R: Leaves of *Leporella fimbriata*, *Cyrtostylis huegelii*.

BULLETIN ARTICLES

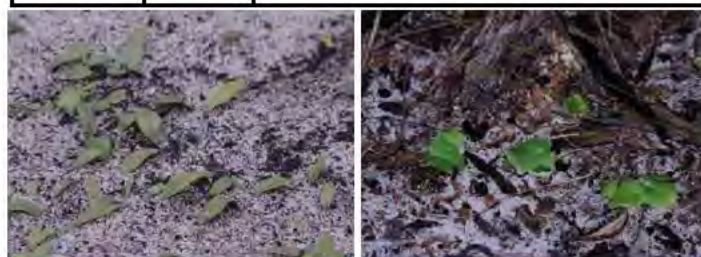
Please email any Bulletin contributions to Marina at wanoscg.newsletter@gmail.com . Items for the next Bulletin need to be submitted by **1st May 2016**.

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Upcoming Field Trip List

Month	Date	Location
May	1st	Forrest Hwy burns, then Pinjarra / West Coolup
May	15th	Northam and Meenar NR
June	4th-6th	Stirling Range NP and Albany
June	26th	Cataby/Badgingarra areas
July	24th	Bullsbrook and Jurien areas



2016	ROSTERS		SPEAKERS 2016
	Raffle	Supper	
MAR	Jeanne and David Cumming	Trish and Ramon Newmann	AGM, Ramon Newmann—2015 photos
APRIL	Jay Steer	Donna Wajon	Margaret Petridis—2015 Snail trip
MAY	Debbie and Peter Proudfoot	Jeanette Wheatley	Andrew Brown, topic TBA
JUNE		Margaret Fox	Mark Brundrett, topic TBA
JULY	Jeanne and David Cumming		TBA
AUG			TBA
SEPT			TBA
OCT	Bob Steer		TBA
NOV	Marina Karyagina		Photo competition, Members photos