



Western Australian Native Orchid Study and Conservation Group

March 2017 Bulletin

President's Report for 2016

After a return to more historically normal rainfall in 2016 our native orchids put on an incredible display in 2016. Let's hope we are blessed with similarly good rains in 2017 and get plenty of opportunities to enjoy our Western Australian Native orchids in the company of likeminded enthusiasts.

At the March AGM, Donna Wajon was proclaimed the 2015 WANOSCG award winner for her amazing service to the club. In addition, a revamped five-year plan was launched, the WANOSCG Strategic Plan 2016 - 2020. During March and April, Pat Richards oversaw the production of a publicity brochure outlining our club and what we do. In May, following requests from members, Paul Winthrop established, and has since administered, the club's closed Facebook page. This has added a new dimension to club activities. The hard work of Noel Hoffman over the past few years in establishing a website to display validated digital images of our Western Australian Native orchids reached a new level in August when we adopted that site (www.wanoscg.com) as our official club website. Throughout 2016, Ramón Newmann has built upon and extended the size and veracity of the club's database and improved the process of reporting orchid sightings, with help from Peter Proudfoot, Donna Wajon and Andrew Brown. The Southern Rivers Group continued to run their wonderful programme of field trips in 2016 and we were treated to accounts of their activities through their numerous excellent bulletin articles.

WANOSCG had a successful year in 2016 and I would like to extend my thanks to those people who made this happen. Firstly, I would like to thank you, the members of WANOSCG. It is only because of your participation that we have a club. Secondly, I thank the committee members and office bearers for their hard work and support in 2016.

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This stunning photo of a clump of *Thelymitra speciosa* taken by Mary Hoffmann was a deserved 2016 WANOSCG Photo Competition winner. Congratulations, Mary and watch out, Noel!

INSIDE:

- 2016 AGM Minutes
- Meeting Minutes
- Annual reports
- Study Group Reports
- 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 Annual General Meeting Minutes

Wednesday, 16th of March 2016

Meeting held at: BGPA Boardroom, Kings Park.

Meeting opened: 7:40 pm.

ATTENDANCE:

Visitors: Athol Grosse, Zoe Grosse

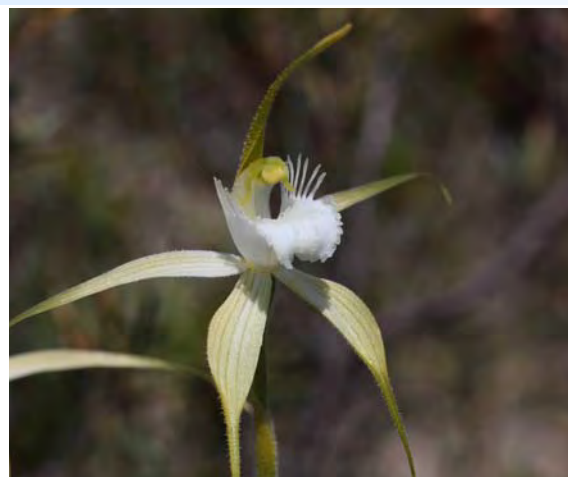
Number of members present: 34

New members: Ron Fauntleroy and Andrew Simpson. They were introduced to Jon Warren (Membership Officer)

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

CIRCULATION OF REPORTS:

The Attendance Book together with annual reports from the President, Treasurer, Conservation Officer and Field Trip Coordinator were circulated to the members.



Caladenia paludosa (albino form).

Photo by J. Brown

1. PREVIOUS ANNUAL GENERAL MEETING MINUTES

It was moved by Matz Dahlkamp and seconded by Urszula Kokosinska that the minutes of 18 March 2015 Annual General Meeting as published in the March 2016 bulletin are a true and correct record of that meeting. *Carried.*

2. PRESIDENT'S REPORT

Jay Steer read his report stating that the full report had been published in the March bulletin.

3. TREASURER'S REPORT

The Treasurer, Marina Karyagina, delivered the audited statement of receipts and payments for the 2015 financial year [1 February 2015 to 31 January 2016]. It was moved by Kim Hanson and seconded by Christine Lock that the Treasurer's report as circulated be accepted as a true record of the club's finances for the 2015 financial year. *Carried.*

4. WANOSCG AWARD

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

5. ELECTIONS

Christine Lock was nominated as the Returning Officer. No Scrutineer was required.

The Motion "That WANOSCG has a Conservation Officer for 2016" was moved by Eddy Wajon and seconded by Margaret Fox. *Carried.*

	Nomination	Nominator	Seconded	Action
Patron	Steve Hopper	Jay Steer	Marina Karyagina	Continuing
President	Jay Steer	Matz Dahlkamp	Urszula Kokosinska	Elected
Vice President 1 Year	Ramon Newmann			1 Year left
Vice President 2 Years	Kim Hanson	Matz Dahlkamp	Tim Hodgkins	Elected
Secretary	Pat Richards	John Ewing	Eddy Wajon	Elected
Treasurer	Paul Winthrop	Peter Proudfoot	Donna Wajon	Elected
Field Trip Coordinator	Margaret Petridis	Kevin Uhe	Jeanette Wheatley	Elected
Committee Member#1	Jeanette Wheatley	Trish Newmann	Margaret Fox	Elected
Committee Member#2	Peter Proudfoot			1 Year left
Committee Member#3	Jon Warren			1 Year left
Committee Member#4	John Ewing	Donna Wajon	Lyn Alcock	Elected
Registrar	Ramon Newmann	Debbie Proudfoot	Eddy Wajon	Elected
Auditor	Phil Bunny	Marina Karyagina	Matz Dahlkamp	Elected
Supper Coordinator	Trish Newmann	Paul Winthrop	Jeanette Wheatley	Elected
Librarian	Thea Hanson	Jay Steer	Marina Karyagina	Elected
Conservation Officer	Tim Hodgkins	Eddy Wajon	Urszula Kokosinska	Elected
Editor	Marina Karyagina	Donna Wajon	David Lawson	Elected

6. OTHER BUSINESS

The president asked that a vote of thanks be recorded for:

- John Ewing
- Tom Burbidge
- Marina Karyagina

Eddy Wajon complimented Jay Steer and the committee on the 5-year plan 2016 – 2020 and its detail.

AGM CLOSED: 7:57 pm

NEXT MEETING: 7:30 pm Wednesday 15th March 2017

WANOSCG General Meeting Minutes Wednesday, 16th of November 2016

Meeting held at: BGPA Boardroom, Kings Park.

Meeting opened: 7:32 pm.

ATTENDANCE: 49 members were present. Welcome to new members:

Jon Warren was introduced to new members. **Visitors:** Nil

Apologies: Heather Hills, George Kokosinski, Urszula Kokosinska, Adrienne Saunders.

RAFFLE: Prize donated by Marina Karyagina.

1. PREVIOUS GENERAL MEETING MINUTES

Amendments: It was noted that the specimen of *Drakaea elastica* was found by Eric Swarts, not Erich Volschenk.

Subject to the foregoing amendment, it was moved by Kim Hanson and seconded by Matz Dahlkamp that the General Meeting Minutes of 19 October 2016, as published in the November 2016 bulletin are a true and accurate record of that meeting. *Carried.*

2. BUSINESS ARISING FROM THE PREVIOUS MEETING

2.1 WANOSCG garment order

Members have until the end-of-year meeting on 3 December to submit their orders.

2.2 End of Season "get together"

Date: 3 December

Time of day: 6 to 9 pm

Venue Cockburn Wetlands Centre, 184 Hope Rd, Bibra Lake

Style: BBQ with Quiz and slides

It was agreed that an email be sent out to all members with the details to ensure that they have the information.

2.3 WANOSCG's Website (<http://wanoscg.com>) / validated digital images of WA native orchids. Nothing further to report at this stage.

2.4 Facebook etiquette and guidelines for use of WANOSCG Facebook page

It was agreed that we draft a disclaimer and some guidelines and rules for use of the WANOSCG Facebook page. This task has not been completed yet.

- Disclaimer - members' postings do not necessarily reflect the views of the group and that users participate in the site at their own risk.
- Guidelines and rules for use of the WANOSCG Facebook page - the Facebook moderator will remove inappropriate postings and inform the poster(s) and the committee. A second instance of inappropriate posting will result in the poster(s) being suspended from the Facebook page and a report sent to the committee. In cases of persistent or serious breaches of Facebook etiquette and guidelines, the committee will ask the Facebook moderator to permanently remove the offenders access to the Facebook page.



Thea (right) and Kim (centre) Hanson celebrated a personal milestone at the November meeting — 10 years with WANOSCG. And what 10 years have they been with Kim serving for many years on the committee as Treasurer and Vice President as well as being the ADORP Coordinator. Thea also served on the Committee and currently a WANOSCG Librarian. She worked tirelessly (and successfully) to save orchids that were threatened by a road development near their house.

Thea and Kim provided sumptuous supper for the November meeting complete with an anniversary cake. Here they are pictured with the WANOSCG Secretary, Pat Richards. Photo by R. Van Oosten

2.5 WANOSCG conducting surveys for local governments:

Jon Warren had a report published in the Bulletin on this matter. He will send the relevant information back to the local authorities concerned.

2.6 Study groups

Nothing more is expected to be reported on the groups until the next season.

2.7 Photographic competition

See report in section 10 hereof.

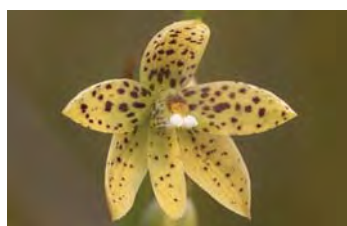
Clockwise from right: *Epiblema grandiflorum*, *Paracaleana nigrita*, *Thelymitra tigri-na*. Photos by W. Gye



3. REGISTRAR'S REPORT

WANOSCG Database:

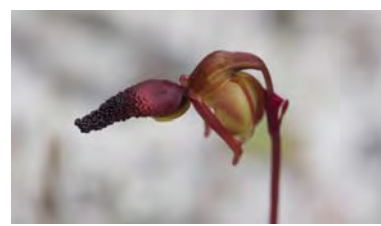
- Approximately 9,000 sightings have been reported but there are still some to be received from recent field trips. These latter will likely be submitted shortly.
- Members are urged to send in their sighting information, ideally in the standard spreadsheet format.
- Ramón Newmann will prepare a short presentation on which species are well represented in the database and those for which information is scarce or non-existent. It was hoped that this would motivate members to help fill in the gaps.
- It was mentioned that there is the potential to trawl through old data to add to the database.



4. TREASURER'S REPORT

For the period 1st October to 31st October 2016

	MTD
Income (operating account)	348.50
Expenditure	1,901.60



It was moved by Marina Karyagina and seconded by John Ewing that the Treasurer's report for October 2016, be accepted as a true record of the club's finances. *Carried.*

5. CORRESPONDENCE From 20th October 2015 to 16th November 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.

Date	Sender	Topic
8/11/16	Ryan Phillips	Flyer for Victorian scented orchids project – please put in Nov bulletin
12/11/16	Cockburn Wetlands Education Centre	2 nd Feb 2017: WA Wetland Management Conference: call for plenary, poster & workshop presentations
4/11/16 & 11/11/16	CCWA (and Tim Hodgkins)	CCWA AGM and conference 18/19 Nov
1/11/16	Tony Watkinson	W.A. Orchid Spectacular Conference & Show 5&6 August 2017 – Bulletin No3
31/10/16	Anna de Haan	Notification of Field Trip
31/10/16	Mark Brundrett	Caladenia huegelii translocation and monitoring in Banjup
29/10/16	Pat Richards from Tim Hodgkins	Letter to Minister for Environment Re: J5 AND BUNGALBIN EAST IRON ORE PROPOSAL - Helena and Aurora Range
28&31/10/16	CCWA	Spring EcoFest, Banksia woodlands and more – see their website & Facebook
27/10/16	Secretary NOSSA	Wild Orchid Watch Project
26/10/16	Australian Environmental Grantmakers Network (AEGN)	Update your AEGN profile Completed 4/11/16
25/10/16	Eddy Wajon	Roadside management and maintenance in the Shire of Jerramungup – 16 documents and letters

Date	Sender	Topic
25/10/16	Associations and Charities Branch, Department of Commerce	Incorporated associations and clubs are now required to submit an information statement to the Commissioner for Consumer Protection every year. It is due 6 months after end of financial year (ie July 2017) Completed 4/11/16
20/10/16 to 26/10/16	Mark Brundrett, JS & PR	Asking for help from members willing to contribute to <i>Caladenia huegelii</i> projects
19/10/16	Mary Gray (UBC)	UBC Neighbourhood Nature Workshop 5th Nov

Business arising from Correspondence:

- The Victorian Scented Orchids project is looking for funding, however, it is not endorsed by the Australian Native Orchid Society. Any member interested should contact Jay Steer for a copy of the information flyer.
- Anyone interested in the Cockburn Wetlands Education Centre (CWEC) call for plenary, poster and workshop presentations should contact the CWEC or let Jay Steer know.
- Several emails were received regarding the Conservation Council conference on 18 and 19 November and members present were asked if anyone offering to represent WANOSCG at the meeting could let Tim Hodgkins know. Cost of registration was indicated as being \$20.00.
- Anyone wishing to know more about the WA Orchid Spectacular Conference and Show in August 2017 was asked to let Jay Steer know.
- Mark Brundrett sent an email thanking people for their response to his request regarding help with the *Caladenia huegelii* projects.
- Those interested in the NOSSA Wild Orchid Watch project should let Jay Steer know.
- Jay Steer has completed the Group's details as requested by the Australian Grantmakers Network.
- Jay Steer has completed the information statement for the Group as required under the new rules for Associations and Charities.
- Eddy Wajon has provided a mass of information and correspondence in relation to the management of roadside clearance. (Ed: available from the Committee).

6. FIELD TRIPS

Reminder to all members that they should send all correspondence about field trips to the Field trip officer (Margaret) and not to the club's gmail account even if a message about field trips has originated from that account (Margaret has enough to do without having to keep checking the club gmail to see if somebody has messaged her there).

6.1 Report on recent field trips

- 5/6 November Ongerup trip. This was the last official field trip for the year looking primarily for *Thelymitra* sp. Ongerup. Two populations had been noted on the verge of a public road last year but only one specimen was found in flower that weekend with around 100 in bud. The following weekend various members looked again and found a few more in flower. Separately, two new populations were found near Esperance.
- Overall, it has been an excellent year for orchids with good reports in the Bulletin.
- In the off season, Margaret Petridis will be submitting information to the database arising from her various personal field trips.



Thelymitra sp. Ongerup photographed by William Gye on the November field trip.

6.2 Personal Field Trips

Members are requested to fill out the personal field trip report form on the front table to make the Secretary's job easier and send electronic Orchid Sighting sheets to the Registrar (Ramón Newmann wanoscg.registrar@gmail.com or [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.

- It was noted that there appeared to be some instances of orchid specimens being cut.
- John Ewing had visited areas to the south of Perth where some blue sun orchids had been noted with an intermediate leaf – too narrow for *Thelymitra macrophylla* and too wide for *T. graminea* – possibly a currently undescribed species.
- Eric Swarts reported having seen *Caladenia radiata* near Pinjarra as well as *Caladenia attingens*.
- Ron Fauntleroy looking for *C. radiata* also found *Pterostylis turfosa* and a yellow *Thelymitra* in a swampy area.
- Margaret Petridis found a couple of unusual duck orchids on the way to Ongerup.

7. CONSERVATION

The Conservation Report was published in the November issue of the Bulletin.

It was moved by Tim Hodgkins and seconded by Tom Burbidge that the Conservation Report as published in the Bulletin be accepted. *Carried.*

Discussion on current issues

- Tim Hodgkins covered the Conservation Council AGM.
- There had been a fire in the Warwick bushland earlier in the week, however it appears that the area where there are several orchids was not affected. *Thelymitra fuscolutea* was flowering a couple of hundred metres from where the fire occurred.
- As regards roadside clearing, it was noted that many of the plants found by Margaret Petridis had been within five metres of a road and this is a typical case throughout the state's south-west. It was therefore indicated that there is an urgent need to protect the roadside environment.
- Eddy Wajon's detailed report on clearance matters. (*Ed: available from the Committee.*)
- It was queried as to whether there was an appeals process in relation to the activities of the Shire of Jerramungup. Eddy Wajon indicated that he had followed the illegal clearing matter up but had received no response and had come to the conclusion that appealing was a waste of time.
- Lyn Alcock mentioned that she got sprayed during weed control activities at Yilliminning Rock.

8. GROWER'S TABLE

A sample of tubers retrieved during authorised relocation was displayed on the grower's table. One of the tubers had a seed case.

9. GENERAL BUSINESS

9.1 Andrew Brown's Field Guide

Andrew has kindly donated 32 copies of his Field Guide to the Eremophilas of Western Australia. They will be sold at the heavily discounted price of \$20 to members and the money collected will go into the WANOSCG coffers.

9.2 Committee positions for 2017

- Several positions on the committee will become available for 2017 and anyone interested in filling one of them should contact Jay Steer.
- Elections will take place at the first general meeting of 2017 assuming there is a quorum.
- Once the new regulations come into force in two and a half years, the appointment process will change.

9.3 WANOSCG Award for 2016

Nominations should be forwarded to Jay Steer before the end of November and the committee will make their decision on the next award at the February planning meeting.

9.4 Development of former rifle range at Military Road near Midland

Noel Hoffman noted that this area of virgin bushland is about to be cleared and developed for housing with the likelihood that orchid habitat may be destroyed. Tim Hodgkins undertook to follow the matter up.

10. PHOTO COMPETITION

Members submitted their photographic entries for the competition and it was noted that the overall standard was high. The first place was awarded to Mary Hoffman for her photograph of a group of Queen of Sheba orchids. (*Ed. See front page.*)

RAFFLE DRAW: Paul Winthrop drew the raffle and the winning ticket was held by Katerina Hnedovska.

MEETING CLOSED: 9.30pm

NEXT MEETING: 7:30pm Wednesday 15th March 2017 BGPA Boardroom, Kings Park.

FIELD TRIP CO-ORDINATOR'S REPORT 2016

A fantastic year for orchids in 2016 resulted from good widespread rainfall and some very large summer burns around Yarloop and Esperance.

Of particular significance was the huge Waroona-Yarloop burn that extended across the Forrest Highway to Preston Beach. Two WANOSCG field trips were held to this area, in May and September to areas along Peppermint Grove, Johnston and Riverdale Rds, where a large variety of orchids were seen in big numbers. Many members also visited the area on numerous private trips to enjoy the 'Garden of Eden' that the fire had stimulated.

In mid-May we went to the Toodyay and Northam areas looking for the Winter Spider (*Caladenia drummondii*) in various reserves. Further private trips to Merredin and Kondinin areas found new populations of this orchid and consequently, a new study group of interested members was formed to continue the searches.

The long weekend in early June saw a group of members exploring Albany (another burn) and the Stirling Ranges, and we returned to the Stirlings and Borden area in late September. As always, we had some interesting finds including lots of hybrids this year.

In June and July we continued our search for new populations of *Thelymitra apiculata* and *Thelymitra pulcherrima* around Cataby and Jurien with success, and also found an un-named Blue China around Eneabba and Jurien. In July we did a thorough survey of a large reserve near Arthur River, which was the site of the re-discovery of the Leafless orchid (*Praecoxanthus aphyllus*) earlier in the year.

In August we had a very interesting and successful trip to Geraldton, where local orchid enthusiast Beth Teale did an excellent job of showing us around her area. A particularly exciting find were large populations of the Kneeling Hammer (*Drakaea concolor*) and the Inland Leek (*Prasophyllum macrotys*) along with other orchids in a burn near Wicherina.

The extended camping trip to the Eastern Granites in late August set out with a large group of 30 and had the itinerary thrown off-kilter when one member got lost for 2 hours on the first day. Andrew's carefully planned itinerary came completely unstuck on the third day when heavy rain closed areas we were planning to visit east of Norseman. Despite the fact we could not do the originally planned trip, we still visited many interesting places and saw a wide variety of orchids. Of particular interest were finding *Caladenia voigtii* along the Hyden-Norseman Rd, *Caladenia sigmoidea* and *cruscula* at Swan Lagoon, and a large assortment of orchids in the burns north of Scaddan and west of Condingup. We all appreciated Andrew's planning and re-planning skills and thank him for a great trip.

In September we visited the Yarloop burn near the Forrest highway with Urszula leading a well-planned trip that yielded many orchids. We also had a great weekend around Kojonup with new member Sue O'Halloran showing



Left: *C. douthiae* photographed during the September field trip. Photo by M. Karyagina

Right: Rugged track, the Eastern Granites trip. Photo by M. Petridis.



Caladenia pectinata (top) and *Pterostylis picta*. Photos by M. Karyagina from the September field trip to the Stirling Range area.

us some lovely orchids in several local reserves.

September was a very busy month as we had a large group exploring several locations around the Stirling Range and further east and north towards Borden. An amazing variety of hybrids was seen in one reserve south of Borden and the orchid count for the weekend was over 50, with burnt and unburnt areas visited.

Early in October Kevin led a small group to the amazing Helena and Aurora Range where we found at least 4 different rufous greenhoods and some incredible habitat and scenery. Following this, we headed east of Kalgoorlie to Karonie, finding more orchids on the way, including the large fawn rufous greenhood, and then north to Menzies and east to Hospital Rocks. The newly named *Pterostylis virens*, the green Spathulata was found in several places and another small rufous greenhood was seen in the Die Hardy range on the way back south. It was exciting to explore these more remote and arid areas, and find orchids there.

In mid-October we visited Ruabon NR south of Capel and other areas from there to Donnybrook. New member Graeme Walker showed us some great orchid areas with a confusing array of white spiders at some.

In early and mid-November we had two trips to Ongerup to search for the Orange Sun orchid (*Thelymitra* sp. 'Ongerup'). We were delighted to find several new locations and have extended the range further south and east since.

All in all, it was a very busy and prolific year for orchids, with some interesting finds of both species and hybrids. Many members saw some orchids for the first time, which is always a thrill. It has been good to have a break in the 'off season' but I am still working through data sheets to send to the Registrar!

Thank you to all members who lead trips and assisted in the planning and preparation for them, and to those members who participated and enjoyed seeing so many orchids in 2016. I look forward to another great year ahead.

Margaret Petridis, Field Trip Co-ordinator

FIELD TRIP INFORMATION FOR 2017

The Field Trip Sub-Committee has decided that we will have one main formal WANOSCG field trip per month this year with the maximum number for each trip to be 20 persons, due to concerns about large groups and resultant habitat disturbance. There may be additional trips in August, September and October if required.

We will have a mixture of day and weekend trips throughout the year.

In addition to this, a new initiative for 2017 will be the running of short, half day or 2-3 hour trips in the Metropolitan area exploring reserves and other interesting locations. These trips will be co-ordinated by Christine Lock. Christine will be targeting areas within 1 hour of the GPO and will be watching posts on our Facebook site to see what members are finding. She will then get in touch with members to see if they are willing and able to take a small group to their sites. Members can then state how many people they are willing to take and when. This information will be circulated to members by Christine with details of who to contact.

It is hoped that these trips will be run twice a month and most likely during the week. These trips will be less formal, but a list of attendees should be collected by the trip leader and forwarded to the FT Co-ordinator along with location information, and data about the orchids seen should be sent to the Registrar.

These trips will help us gather more data about orchids in the Metro reserves and may also assist in the local government surveys already being conducted by members. They will be good for members who cannot or do not want to travel long distances, and will provide a way for members to share local information and get to know each other.

If you would like to take a small group to your favourite area/s, you can contact **Christine** to organise this: **Mobile** [redacted]; **Email** – [redacted].

We also encourage members to run private trips with up to 10 members/friends in addition to the above trips, so that we can cover more areas and minimise habitat damage. Please do not visit the same areas over and over, but instead learn the orchid's preferred habitat and look for new locations.

Margaret Petridis (WANOSCG Field Trip Co-ordinator)

OTHER FIELD TRIP SUGGESTIONS FOR 2017



BURNS

We have had some interesting burns again during late Autumn and Summer, including a significant number of DPaW prescribed burns between Mt Barker, Albany and Walpole.

Please consider 'adopting' a burn in an area you do/can frequently visit so that you can record orchid species found there during the year. Data collected should be sent to both Kevin Uhe (Burns Study Group Co-ordinator) [redacted] and Ramon Newmann (Registrar) [redacted].

If you would like information on possible burns to study and how to go about it, please contact Kevin. He will be posting an article with a list of burns in an early Bulletin.

EARLY FLOWERING SPECIES

We are continuing to collect location data for all species, but here are some suggestions for March-April-May:

- *Praecoxanthus aphyllus* (Leafless orchid): March - May
- *Corunastylis tepperi* (Pygmy orchid): March - April
- *Eriochilus* species, especially *E. valens* (Red-lipped Bunny): April - May
- *Caladenia drummondii* (Winter Spider): late April - June

SURVEYS TO ASSIST ADORP GROUPS AND DPAW

Members will be notified via the Bulletin, Facebook page or email if assistance with survey work is needed.

Margaret Petridis, Field Trip Co-ordinator
[redacted]

Praecoxanthus aphyllus (top).

Photo by A. Brown

Potential habitat. Photo by M. Karyagina



Conservation Officer Report to AGM March 2017.

The Conservation activities in the past 12 months have continued to provide a variety of interesting challenges, and a learning curve which will help to increase the effectiveness of the role in future years. I am pleased to be able to continue and thank the committee and particularly President Jay for his wholehearted support.

Clearing of Bushland

This subject has been highlighted again in specific issues identified by Eddy Wajon who has worked tirelessly to communicate with stakeholders, encourage the take up of improved standards and ask that regulations and guidelines are followed. We have kept watch on two projects, one in the Shire of Jerramungup and one along the York-Quairading road.

Written submissions objecting to proposed development or clearing have been sent to the following during the year:

- Main Roads – Bunbury Outer Ring Rd
- Shire of Jerramungup – Boxwood Hill – Ongerup Road
- Minister for the Environment – Helena and Aurora Range
- City of Gosnells – Garden St extensions

No specific threat to endangered or rare orchid species was noted during the year.

Protection of orchid rich areas

Graham Walker has provided information and assistance to focus attention on the Kemerton Buffer Zone, part of which is a reserve. Graham has now provided a listing of orchids occurring in the general area and after a site visit with DPaW, increased the resolve to continue to find ways to give the area added protection. The area is a good possibility for **naming** in respect to our goal for establishing new reserves raised during the WANOSCG 40th anniversary (2014).

Relocation of orchids

The first stages of the relocation of orchids (*T. campanulata*) from Flynn Drive Banksia Grove has been completed. With the cooperation and permission of the land developer Banksia Grove, the Cities of Wanneroo & Joondalup, around 35 tubers and many seeds have been retrieved and replanted at two new sites in Marangaroo NR and Warwick CR. The planting was completed on Sunday February 12th and thanks must go to Mark Brundrett and the volunteers who helped. Permanent markers are in place to locate the sites, four in total, at the respective Reserves.

Projects under watch:

- Meelup Regional Reserve – Mountain Bike Trail.
- Warwick Bushland - Hockey Stadium construction now almost complete under way with minimal disturbance to the bushland, except for windblown rubbish.

Membership of the Conservation Council WA

We have maintained our membership of the CCWA, through email, keeping our members informed of events and matters where we can be involved.

Membership of the Urban Bushland Council

We committed to membership of this group in 2016 and it has provided us with valuable communication particularly about areas threatened with clearing or development.



Re-planting of *Thelymitra campanulata* tubers at the Marangaroo Rve. Photo by T. Hodgkins

Tim Hodgkins – Conservation Officer.

WANOSCG Orchid Sightings Database

As of February 2017, the WANOSCG Orchid Sightings Database has 16,447 sightings, which includes sightings of most of the SW WA native orchid species.

For 2016 there have been 1,789 sightings reported so far (Margaret is still documenting some of the 2016 Field Trips). Many thanks to Peter Proudfoot for the many hours he spent transferring data into the spreadsheets.

Currently there are no sightings reported for 26 species (just one *Caladenia*, *C. sp. Wandoo*). We also have no sightings in 13 of the SW WA Shires (including the Mid-West) (see table).

For those of you who will recall the total sightings numbers reported last year (it was a quiz night question at the end of year get together), you will notice that there has been a step increase in the total. This has been due to a further review of the original database which unearthed a further 6,000 sightings not previously transferred to the current Excel based database – these go back to an *Epiblema grandiflorum* (Babe-in-cradle orchid) sighting as far back as December 1977 near Walpole, some 40 years ago, when WANOSCG was just a 3-year-old bud!

The Excel version of the sightings input template has also been updated since last year. It now includes an ability to select old names, such as *Caladenia* sp. 'Boranup', which is converted to the new name (*Caladenia ambusta*). A useful feature as the identification books we generally use do not have the most up-to-date names. It is now also able to validate the reported sighting date against the known flowering date range - thanks to Ian Puddey who did a lot of work in transcribing the dates and normal distribution ranges. The most up-to-date template is being cross checked and should be included in the next Bulletin.

Please keep the sightings coming in – preferably using the Excel Sightings Template provided, especially any sightings of the species or in the Shires with no sightings that you may have tucked away somewhere.

Ramón Newmann—Registrar



Unsurprisingly, *Caladenia flava* is the most cited species in the WANOSCG database. Photo by W. Gye

WANOSCG ORCHIDS DATABASE SPECIES & SHIRE SIGHTINGS -Feb 2017	
Total # of Sightings	16,447
2015 Sightings	1,846
2016 Sightings	1,789

Species	Species Sightings
Caladenia sp. Wandoo	0
Calochilus barbarossa ms	0
Calochilus caesius	0
Calochilus holtzei	0
Diuris sp. Scaddan	0
Diuris sp. Williams	0
Drakaea andrewsiae	0
Microtis sp. Helms Arboretum	0
Microtis sp. Windy Harbour	0
Prasophyllum paulinae	0
Prasophyllum sp. dwarf	0
Pterostylis elegantissima	0
Pterostylis hadra	0
Pterostylis hopperii ms	0
Pterostylis sp. chocolate	0
Pterostylis sp. dainty green	0
Pterostylis sp. eastern	0
Pterostylis sp. Eyre	0
Pterostylis sp. green flowers	0
Pterostylis sp. large fawn	0
Pterostylis sp. laterite	0
Pterostylis sp. Mehinup	0
Pterostylis sp. Walpole	0
Pterostylis telmata	0
Rhizanthella johnstonii ms	0
Thelymitra sp. Denmark	0

Shire	Shire Sightings	Region of Shire
Kalgoorlie-Boulder	0	Goldfields
Laverton	0	Goldfields
Leonora	0	Goldfields
Ngaanyatjarraku	0	Goldfields
Cue	0	Mid West
Meekatharra	0	Mid West
Mingenew	0	Mid West
Mount Magnet	0	Mid West
Murchison	0	Mid West
Sandstone	0	Mid West
Bencubbin	0	Wheatbelt
Kellerberrin	0	Wheatbelt
Tammin	0	Wheatbelt

Burn Study Group Report for 2016

Once again a large number of fires over the 2015/16 summer provided members with the chance to explore a number of different habitats to search for fire enhanced orchids.

A small number of burns were the targets of club field trips including Albany, Geraldton, Forrest Highway and Esperance. Further studies of other burn areas by individuals resulted in a large number of fire enhanced orchids being located.

Highlights included an undescribed *Cyanicula* north of Cataby, a large population of *Drakaea concolor* and *Prasophyllum macrotys* east of Geraldton and the number of orchids found in the Forrest Highway area. Large displays of *Diuris* and *Leporella menziesii* proved popular, as were a number of *Prasophyllum giganteum*.

The Esperance area proved abundant in a couple of areas with the amazing display of *Thelymitra occidentalis* a particular highlight. A large number of *Cyanicula* sp. 'Esperance' were located though many of these were damaged by heavy rain and hail.

A number of smaller burns revealed good displays of *Pyrorchis nigricans* and an assortment of *Prasophyllum* species.

A late highlight was the appearance of *Caladenia ultima* at a site which had been the subject of a controlled burn in early April. This highlights the need to check these areas that have been the subject of controlled burns to ascertain what effect late spring or autumn burns have on the orchid populations.

Thanks once again to those members who spent time searching through the burn areas and reporting in their finds.

Kevin Uhe (Burn Study Group Leader)



Thelymitra occidentalis.
Photo by K. Uhe

CALADENIA DRUMMONDII Study Group Report for 2016

My interest in *Caladenia drummondii* began on a trip to a well-known site for this orchid north east of Toodyay in May 2009 with Iain McLean. We were told by other members at the May General meeting that we were too early to see the orchid in flower...but they were wrong. We counted around 150 plants in flower!!

On enquiring of our Registrar, I found out that our Database had only 4 sites registered, despite the orchid's range going from east of Lake King to north of Kalbarri. Thus began my quest to find at least 3 new sites each year and these have been found around Corrigin, Merredin, Canna, Perenjori, Watheroo, Kondinin and Wagin over the past 7 years, with help from other members.

Paul Winthrop and Gail Reed have also found sites around Merredin and Dongara respectively over the past few years.

In May 2016 I was joined by Kevin Uhe, Lyn Alcock, Rob Van Oosten and Adie Saunders in the hunt to find new locations on a trip to Kondinin. We decided to formally form the *Caladenia drummondii* Study Group that trip as we searched areas between Kulin and Narembreen. In all, we found 9 new locations for this orchid in 2016 and re-located it in sites of old records near Merredin, Watheroo and Dongara.

In 2017 we plan to search between Merredin and Wongan Hills, and fur-



Caladenia drummondii.
Photo by M. Petridis

ther east, as there is a gap in our database for those areas. We will continue to try and 'join the dots' between known locations and add new locations to our knowledge base.

If any members have old records of this orchid, or see it this year, please contact members of the group to let us know. If any other members would like to join the study group, please contact me.

Margaret Petridis (Caladenia drummondii Study Group Co-ordinator)

Snail Study Group Report for 2016

The snail study group was formed during the year to continue on from the successful snail trip undertaken in 2015.

The main focus in 2016 was to ascertain the status of *Pterostylis jacksonii* which was not located on the snail trip despite many searches. Continuing studies of *Pterostylis echinulata* were also undertaken given that a number of similar specimens were seen far outside the stated range of this species.

P. jacksonii was a bit of an enigma given that searches on the snail field trip failed to locate it despite having a number of siting locations. It was decided to visit the type location and it was pleasing that a number of plants resembling this species were located. These plants were confirmed by Andrew Brown as *P. jacksonii* after viewing specimens at the WA Herbarium.

P. jacksonii has a very specific habitat and it was amazing to see a number of these species clinging to the side of steep granite slopes. It is apparent that this species has a very restricted range given its habitat and could be quite rare.

Study of *P. echinulata* continues to raise a number of questions as plants resembling this species were located over a very large area, including east of Balladonia and north of the Great Eastern Highway as well as a number of locations in the wheatbelt. This species is reported to have a very narrow distribution and has been categorised as a priority one orchid due to its rarity.

Further field studies will be undertaken in 2017 to ascertain the range of this orchid and the relationship of other populations to the type location. It was interesting to observe the large display of *P. sp. 'inland'* in the arid areas after good rainfall. These arid specimens are much larger and taller than similar ones in the western wheatbelt and continue to provide an intriguing study.

P. timothyi were located in a number of areas on the western and southern edge of their range and maybe more abundant in these areas than previously thought.

A number of unidentified snails were located during the year, including a population growing in a seasonally inundated area near Changerup. Similar taxa were seen by Andrew near Boyup Brook so further research is required to ascertain the status and range of this intriguing orchid. The ones viewed near Changerup were all growing in water and remains to be seen whether they flower in drier seasons where the water levels are much lower.

Another exciting find was a new location for the late flowering snail *Pterostylis sp. 'late flowering'* which was originally found by the late Bill Jackson along the Frankland River. It is one of the last flowering snails and was in full bloom in late November amongst a weed bed adjacent to the river.

Finally thanks to those members who have assisted in searching and reporting sightings of snails during the year. Special thanks to Andrew Brown for his encouragement and assistance with studies of Herbarium specimens.

Kevin Uhe (Snail Study Group Leader)



Pterostylis sp. 'late flowering' .
Photo by K. Uhe

The running of the club comes about because of the endeavours, often behind the scenes, of a band of dedicated members. I particularly acknowledge the efforts of a number of individuals. Marina Karyagina has once again produced a stunning series of bulletins. Tim Hodgkins has continued to expand into his role as Conservation officer and has done a marvellous job. Eddy Wajon has continued to add substance to our conservation footprint. Margaret Petridis has worked frenetically to once again put together a magnificent series of field trips, field trip reports and countless other behind the scenes activities. Kevin Uhe, continued to support field trip activities, manage special interest groups and contribute numerous articles to the bulletin. Kim Hanson continued to work tirelessly on the ADORP project. Jon Warren took on the dual roles of championing and fostering new members' interests as well as liaising with Western Australian Local Government Associations with regard to local government conservation reserves. Pat Richards has done a splendid job as secretary. Andrew Brown, as I said last year, remains a pillar of WANOSCG and I thank him for his ongoing advice to and support of our club.

There are going to be a number of changes to the management team in 2017. Marina Karyagina, Paul Winthrop, John Ewing, Peter Proudfoot and Jeanette Wheatley are stepping down and after 4 years as president I am stepping aside. It is time for 'new blood' to strengthen and invigorate the management of WANOSCG.

A final message. New members represent the future of the club, for it is they who the club relies on, when the time comes, to take their turn in the management roles within the club. If we are to safeguard the club's future, we need to continue to listen to and foster their interests whilst balancing their interests with all the things that ensure WANOSCG continues in its role as a custodian of WA native orchids.

Jay Steer, WANOSCG President

ORCHID TAXONOMY

New Orchid Namings

The naming of Western Australian orchids continues apace with further papers published in the latest two editions of the Australian Orchid Review. In the December edition David Jones and Gary Brockman have published a paper naming *Prasophyllum* sp. 'Darling Range' as *P. cuneatum* from the Latin *cuneatus* which means wedge shaped in reference to labellum lamina and callus.

This new taxa has similarities to *P. regium* but differs in smaller scape, fewer flowers with a smaller thinner callus. It is found only after a hot summer fire and is confined to the Darling Scarp from Greenmount to Gosnells though is likely to occur over a greater range given it is rarely seen. It was seen in great numbers following the Mundaring fire a few years ago and favours free draining laterite in Jarrah/Marri woodland.

In the latest edition (February) David Jones and Chris French have published a paper, this time naming *Pterostylis* sp. 'Gull Rock' as *Plumatichilos heberlei*. As this genus is not recognised by the WA Herbarium it will not be officially recognised under this name here. In order for the WA Herbarium to list the species name it will need to be formally placed in *Pterostylis*. In the meantime it will continue to be recognised under the current phrase name.

This orchid was named after the late Ron Heberle who discovered a number of orchid species around the Albany area. It is a fitting tribute to Ron that a number of orchids are named after him.

Kevin Uhe

Prasophyllum cuneatum (top), *Pterostylis* sp. 'Gull Rock'. Photos by K. Uhe



ALIGNMENT of WESTERN AUSTRALIAN CALADENIA NAMES (updated 23 January 2017)

The following table contains a comparative list of Western Australian *Caladenia* names used in the books *Orchids of Western Australia* 2008, *Orchids of South – West Australia 3RD Edition* 2011 and *Field Guide to the Orchids of Western Australia* 2013. For earlier books you can refer to *A Compilation of Western Australian Orchid Names* by Noel Clarke.

The object of this exercise is to align the phrase names used in these three publications with the current formal name.

As I am sure you are aware, the naming of plants is an evolving process and there will be further changes as new species are discovered and described.

Acknowledgements

I would like to take this opportunity to thank Noel Clarke who originally came up with the idea that has led to the development of this comparative list.

Andrew Brown

Name changes

Orchids of Western Australia 2008	Orchids of South-West Australia 2011	Field Guide to the Orchids of Western Australia 2013	Current name
	<i>C. attingens</i> subsp. 'granite'	<i>C. attingens</i> subsp. 'granite'	Formally named <i>C. attingens</i> subsp. <i>effusa</i> in 2015.
<i>C. denticulata</i> (now divided into three sub-species)	<i>C. denticulata</i> subsp. 'Arrowsmith'	<i>C. denticulata</i> subsp. 'Arrowsmith'	Formally named <i>C. denticulata</i> subsp. <i>albicans</i> in 2015.
	<i>C. denticulata</i> subsp. 'jarrah forest'	<i>C. denticulata</i> subsp. 'red'	Formally named <i>C. denticulata</i> subsp. <i>rubella</i> in 2015.
<i>C. flava</i> subsp. 'Brookton Highway'	<i>C. flava</i> subsp. 'late red'	<i>C. flava</i> subsp. 'late red'	
<i>C. longicauda</i> subsp. <i>insularis</i> (note: included as a manuscript name)	<i>C. longicauda</i> subsp. 'Duke of Orleans Bay'	<i>C. longicauda</i> subsp. 'Duke of Orleans Bay'	Formally named <i>C. longicauda</i> subsp. <i>insularis</i> in 2015.
<i>C. longicauda</i> subsp. 'Yuna'	<i>C. longicauda</i> subsp. 'Chapman Valley'	<i>C. longicauda</i> subsp. 'Chapman Valley'	Formally named <i>C. longicauda</i> subsp. <i>minima</i> in 2015.
	<i>C. longicauda</i> subsp. 'Manjimup'	<i>C. longicauda</i> subsp. 'Manjimup'	Formally named <i>C. longicauda</i> subsp. <i>extrema</i> in 2015.
<i>C. sp.</i> 'Boddington'	<i>C. sp.</i> 'Quindanning'	<i>C. sp.</i> 'Quindanning'	Formally named <i>C. hopperiana</i> in 2015.
<i>C. sp.</i> 'Boranup'	<i>C. sp.</i> 'Boranup'	<i>C. sp.</i> 'Boranup'	Formally named <i>C. ambusta</i> in 2015.
<i>C. sp.</i> 'Boyup Brook'	<i>C. sp.</i> 'Kenenup' (note incorrect spelling)	<i>C. sp.</i> 'Kenenup'	Formally named <i>C. perangusta</i> in 2015.
	<i>C. sp.</i> 'Brookton Highway'	<i>C. sp.</i> 'Brookton Highway'	Formally named <i>C. fluvialis</i> in 2015.
		<i>C. sp.</i> 'Collie'	Formally named <i>C. leucochila</i> in 2015.
	<i>C. sp.</i> 'Edison Mill'		Under consideration for formal name.
	<i>C. sp.</i> 'Island Point'	<i>C. sp.</i> 'Island Point'	Formally named <i>C. swartsiorum</i> in 2015.
<i>C. sp.</i> 'Lake Muir'	<i>C. sp.</i> 'Lake Muir'	<i>C. sp.</i> 'Muir Highway'	Formally named <i>C. validinervia</i> in 2015.
<i>C. sp.</i> 'Tenterden'	<i>C. sp.</i> 'Moodiarrup'	<i>C. sp.</i> 'Moodiarrup'	Formally named <i>C. straminichila</i> in 2015.
<i>C. sp.</i> 'Wyalkatchem'	<i>C. sp.</i> 'Nyabing'	<i>C. sp.</i> 'Nyabing'	Formally named <i>C. erythronema</i> in 2015.
	<i>C. sp.</i> 'wandoo'	<i>C. sp.</i> 'wandoo'	Under consideration for formal name.
	<i>C. sp.</i> 'Yerina Springs'	<i>C. sp.</i> 'Yerina Springs'	Formally named <i>C. bigeminata</i> in 2015.
	<i>C. sp.</i> 'Yuna'	<i>C. sp.</i> 'Yuna'	Formally named <i>C. pluvialis</i> in 2015.

MEMBERSHIP FEES FOR 2017

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))

FIELD TRIP LIST 2017 (Preliminary)

April	23rd	Narrogin / Wagin — targeting <i>Praecoxanthus aphyllus</i> and <i>Corunastylis tepperi</i> * FTL: Lyn Alcock
May	6th/7th	Walpole / Denmark —targeting <i>Eriochilus valens</i> and <i>Caladenia drummondii</i> FTL: David Edmonds
June	3rd-5th	Merredin —targeting <i>Caladenia drummondii</i> and <i>Eriochilus dilatatus</i> subsp. <i>undulatus</i> FTL: Margaret Petridis
July	TBA	
August	TBA	
September	23rd-25th	Walpole / Denmark — long weekend trip
November	25th/26th	Walpole / Denmark — end of year break up trip

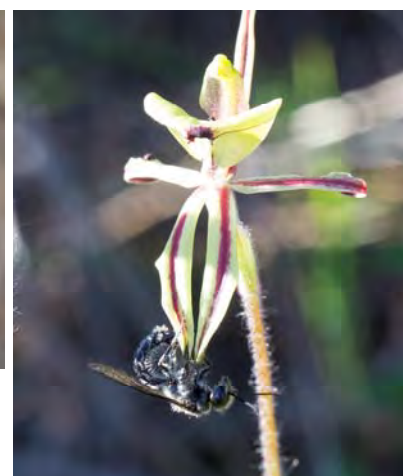
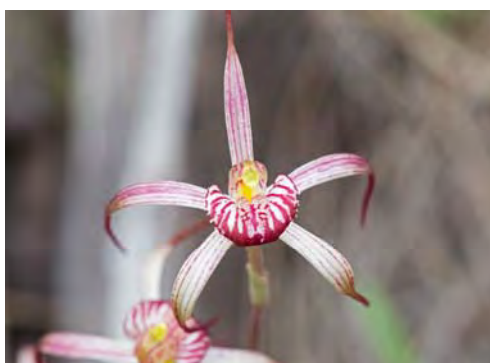
* Please note: Whilst the field trips will attempt to focus on the target species, there is no guarantee that all species listed will be found.

BULLETIN ARTICLES

Please email any Bulletin contributions to the Editor at wanoscg.newsletter@gmail.com . Items for the next Bulletin need to be submitted by 7th April 2017.

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L-R: *Caladenia radialis*, *C. roei*.
Photos by Alison Gye

2017	ROSTERS		SPEAKERS 2017
	Raffle	Supper	
MAR			AGM, K. Hanson— ADORP
APRIL	Volunteers wanted	Volunteers wanted	TBA
MAY	Volunteers wanted	Volunteers wanted	TBA
JUNE	Volunteers wanted	Volunteers wanted	TBA
JULY	Volunteers wanted	Volunteers wanted	TBA
AUG	Volunteers wanted	Volunteers wanted	TBA
SEPT	Volunteers wanted	Volunteers wanted	TBA
OCT	Volunteers wanted	Volunteers wanted	TBA
NOV	Volunteers wanted	Volunteers wanted	TBA