



Western Australian Native Orchid Study and Conservation Group

March 2016 Bulletin

President's Report for 2015

The year began with a serious conservation issue involving Beekeepers Reserve near Eneabba that saw Eddy Wajon and Margaret Petridis putting the case for WA native orchids on ABC television. At the March AGM, two club stalwarts, Ross and Margaret Fox were proclaimed the 2014 WANOSCG award winners. Ramon Newmann took over from Christine Lock as Registrar and with help from Donna Wajon and Peter Proudfoot he began the task of creating a new electronic version of our orchid sighting form that could be directly imported into the club's database. Members were saddened in July by the passing of the amazing Bill Burton. Over the course of 2015 Noel Hoffman and Justin Brown continued to develop a website (www.wanoscg.com) to display validated digital images of our Western Australian Native orchids. The Southern Rivers group continued to run their excellent local programme of field trips as well as contributing in many ways to our mainstream club field trips. Anna de Haan produced a number of excellent bulletin articles keeping us all well informed about SRG activities.

After another successful year I would like to thank you, the members of WANOSCG, who got behind the various club activities. It is only because of your participation that we have a club. The running of the club comes about because of the endeavour, often behind the scenes, of a band of dedicated members. I would like to thank the committee members and office bearers for their hard work and support in 2015. Additionally I would like to acknowledge the efforts of a number of individuals. Tim Hodgkins, who hit the ground running in 2014 and continued to expand into his role as Conservation officer doing a marvellous job in 2015. Marina Karyagina worked tirelessly to juggle the very demanding and time consuming jobs of Treasurer and Bulletin editor, even whilst overseas. Margaret Petridis, despite having a difficult personal year, once again put together a magnificent series of field trips, field trip reports and countless behind the scenes activities. Kevin Uhe, deputised for Margaret when necessary, managed a list of fires at orchid sites and contributed numerous articles to the bulletin. Kim Hanson continued to work tirelessly on the ADORP project. Andrew Brown remains a pillar of WANOSCG and I thank him for his ongoing advice to and support of our club.

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Caladenia brownii and *Elythranthera brunonis*. Find by B. Steer.
Photo by J. Steer.

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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, 18th of March 2015

Meeting held at: BGPA Boardroom, Kings Park.

Meeting opened: 7:40 pm. The meeting was chaired by Jay Steer.

ATTENDANCE: 32 members were present.

Apologies: Eddy and Donna Wajon, Tim Hodgkins, Kim and Thea Hanson.

There were no visitors. New member Pat Richards introduced herself and spoke briefly of her desire to know more about WA's native orchids.

1. PREVIOUS ANNUAL GENERAL MEETING MINUTES

It was moved by Tom Burbidge and seconded by Paul Winthrop: That the minutes of the 19th March 2014 Annual General Meeting as published in the March 2015 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 2014 financial year [beginning 01-Feb-2014 and ending 31-Jan-2015]. It was moved by Matz Dahlkamp and seconded by Ross Fox that the Treasurer's report as circulated be accepted as a true record of the club's finances for the 2014 financial year. *Carried.*

4. CONSERVATION REPORT

Jay read the report provided by the Conservation Officer Tim Hodgkins. Tim was an apology as he could not be present.

5. DATABASE REPORT

A report was provided by the 2014 Registrar Christine Lock. It was read by Jay and in the report Christine tended her resignation as Registrar.

6. ADORP REPORT

Kim Hanson reported that there were still a number of outstanding ADORP reports. Kim also informed the meeting that Andrew Brown had said that *Caladenia abbreviata* could soon be taken off the Priority list, particularly if members sent him their sighting reports for this species.

7. WANOSCG AWARD

The 2014 WANOSCG Award went to Ross and Margaret Fox for their dedicated service to the club.

8. ELECTIONS

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

The Motion "*That WANOSCG has a Conservation Officer for 2015*" was moved by Matz Dahlkamp and seconded by Tom Burbidge. The motion was carried.

Position	Elected	Nominator	Second	Action
Patron	Steve Hopper	Tom Burbidge	Matz Dahlkamp	continuing
President	Jay Steer	Margaret Fox	Ross Fox	elected
Vice President 1 Year	Kim Hanson			1 Year left
Vice President 2 Years	Ramon Newmann	Jay Steer	John Ewing	elected
Secretary	John Ewing	Tom Burbidge	Peter Proudfoot	elected
Treasurer	Marina Karyagina	David Lawson	Urszula Kokosinska	elected
Field Trip Coordinator	Margaret Petridis	Kevin Uhe	Jeanette Wheatley	elected
Committee Member#1	Jeanette Wheatley			1 Year left
Committee Member#2	Peter Proudfoot	Matz Dahlkamp	Lyn Alcock	elected
Committee Member#3	Jon Warren	Jay Steer	Alison Higgins	elected
Committee Member#4	Tom Burbidge	David Lawson	Eric Swarts	elected
Registrar	Ramon Newmann	Jay Steer	Marina Karyagina	elected
Auditor	Phil Bunny	Marina Karyagina	Urszula Kokosinska	elected
Supper Coordinator	Trish Newmann	Jeanette Wheatley	Debbie Proudfoot	elected
Librarian	Jay Steer	John Ewing	Tom Burbidge	elected
Conservation Officer	Tim Hodgkins	Jay Steer	David Lawson	elected
Editor	Marina Karyagina	Paul Winthrop	Ramon Newmann	elected

9. OTHER BUSINESS

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

Christine Lock
Paul Winthrop
Tom Burbidge
Urszula Kokosinska

A further vote of thanks was proposed by Matz D to recognise the leadership, effort and contributions made by the president Jay Steer over the past 2 years. This motion was carried by acclamation.

AGM CLOSED: 8.08 pm

NEXT MEETING: 7:30 pm Wednesday 16th March 2016

WANOSCG General Meeting Minutes Wednesday, 18th of November 2015

Meeting held at: BGPA Boardroom, Kings Park.

Meeting opened: 7:35 pm.

ATTENDANCE: 38 members were present.

Visitors: None, but welcome to Julie McKenzie and Peter McCauley who we don't get to see all that often.

Apologies: Bob Steer, Kim Hanson, George Kokosinski, Emily Green-Amytage.

RAFFLE: Prize donated by David Lawson

1. PREVIOUS COMMITTEE MINUTES

Amendments to the minutes of the September meeting appeared in the October minutes published in the November bulletin. It was moved Matz Dahlkamp and seconded Eric Swartz that the General Meeting Minutes of 21st October 2015, as published in the November 2015 bulletin are a true and accurate record of that meeting. *Carried.*

2. BUSINESS ARISING FROM THE PREVIOUS MEETING

2.1 Website of validated digital photos of all WA native orchids: The website (www.wanoscg.com) is up and images are appearing. At this stage photos can be given directly to Noel on a thumb drive or CD. See the August Bulletin for instructions. Best size is 900x600 and generally in Portrait view. Include the species name, Location and date [*Caladenia arrecta*, Lesmurdie, 26 August 1979].

2.2 Database: The revised orchid sighting spreadsheet with dropdown menus has been circulated with the November Bulletin.

2.3 WANOSCG taking a more proactive approach to dieback prevention: Jay outlined the current information again. Members can refer to previous bulletins. Eddy Wajon added that Gondwanalink also has information about a range of procedures for dieback control as they apply to different areas. Members could refer to their web page.

3. TREASURER'S REPORT

For the period 1st October to 31st October 2015

	MTD (1/10/15 – 31/10/15)	YTD (1/02/15 – 31/10/15)
Income	\$116.00	\$5167.90
Expenditure	\$1169.15	\$2647.09

The treasurer noted that interest from deposits was approximately \$1300 but that when deposits come up for renewal the rate will almost certainly be less than 3%. There are also 80 copies of the 40th Anniversary book which are available for sale at \$10 each. It was moved Eddy Wajon and seconded Tom Burbidge that the Treasurer's report as circulated be accepted as a true record of the club's finances. *Carried.*

4. CORRESPONDENCE

From 22nd October 2015 to 18th November 2015

Inward emails to the WANOSCG Web site and [REDACTED]: Electronic versions of Newsletters and Bulletins have been received over the period from: Orchid Society of Western Australia Inc, ANOS Illawarra, ANOS Sydney, ANOS Macarthur, NOSSA.

Date	Sender	Topic
17/11/15	Murray Baker	Radio national – deceptive sex life of orchids
13/11/15	CCWA	People's Climate March 29 th Nov 2015
10/11/15	Katrina Bercov	Hypothetical fund raisers for the environment What the Frac is going on? 28/11/15
11/11/15	Christine Lock	First Aid box not on club trip
11/11/15	Tim Hodgkins	Norwest energy AGM
11/11/15	Margaret Collins	Orchid workshop 2015
7&9/11/15	Tim Hodgkins	Submission about Bakers Junction Reserve
5/11/15	Andrew Simpson	New member enquiring about meeting date
3/11/15	Brendan Barwick	What is it (nice photos of <i>Thelymitra cucullata</i>)
3/11/15	Paul Winthrop	ABC article on Orchid conservation in South Australia
2/11/15	Marina/Su Hayman SRG	Can posted photos be entered in photo competition?
1/11/15 – to 7/11/15	Tim Eddy Maggie Tanya	Bakers Junction Reserve - Motocross proposal
31/11/15	ANOS Sydney group	8th ANOS Conference Kempsey: 1-4 th Sept 2016
30/10/15	Katrina Bercov	Hypothetical : Behind the Freight Ball 6/11/15
29/10/15	Patrick Garnett	Membership problems with application
28/10/15	CCWA	Spring Ecofest is on Sunday the 8 th of November at Northbridge Piazza.
28/10/15	Tim Hodgkins/Sasha Polli	Flynn Drive Orchids
27/10/15	Erich Volschenk	Copy of the database spreadsheet
26/10/15	Andrew Brown	Common orchid names

Business arising from Correspondence:

Orchid workshop: Probably in 2016 and probably in Albany

First Aid box: The responsibility for advising the location of First Aid Boxes on each trip currently rests with the field trip leader. We may need to appoint an assistant field trip leader for each trip who takes responsibility for this and other important duties (such as the sign in/off sheet and dieback spraying) at the beginning of each trip. The Committee will discuss this and advise at the first 2016 meeting.

The CCWA correspondence on climate change is part of a worldwide movement.

Andrew Brown on common orchid names: Common names are constantly evolving. People in different localities use different common names.

5. FIELD TRIPS

5.1 Thanks to Anna de Haan and Margaret Petridis for their various reports in the November bulletin.

5.2 Reports on the recent ADORP surveys: Thea Hanson advised that the ADORP trip to survey for *Caladenia ambusta* had been successful and 2 new populations had been found. Further she reported that the ADORP trip to survey for *Thelymitra* sp. 'Ongorup' had also been successful and new populations had been found on public land. This means that the need to be invited onto private property was no longer necessary. Quite a number of plants were found. The President thanked Kim and Thea Hanson for all their work and commented favourably on the ADORP program which is expanding and growing.

5.3 Upcoming Field trips: November 21st and 22nd End of season break up weekend at Walpole - We will explore various locations around the Walpole area and in the Northcliffe burn on Saturday and Sunday. We have booked the recreation room at Coalmine Beach Caravan Park for the Saturday night BBQ and get together. Please bring your own meat and drinks, and a salad to share. Please advise Margaret Petridis () or () of your intention to attend.

5.4 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 on) If you don't have a

copy of the report or sighting sheet then send an email to the Secretary (John Ewing – [REDACTED]) and he will provide you with an electronic copy.

Paul Winthrop – granite outcrops near Merredin – *Spiculaea ciliata* (Elbow Orchid)

Margaret Petridis – Esperance area – *Paracaleana parvula* (Esperance Duck Orchid)

Julie McKenzie – Denmark area – *Prasophyllum regium* (King Leek Orchid) *P. giganteum* (Bronze Leek Orchid) and *Thelymitra paludosa* (Plain sun Orchid)

Justin Brown – Northcliffe area – *Caladenia pholcoidea* (Albany Spider), *C. serotina* (Christmas Spider), *C. radiata* (Ray Spider), *C. sp 'Manjimup'* (Manjimup Spider), *Pyrorchis forrestii* (Pink Beaks), *Diuris pauciflora* (Swamp Bee Orchid), *D. laevis* (Nanny Goat Orchid)

Tim Hodgkins – Craigie bushland - *T. benthamiana* (Leopard Orchid) – in seed

Tom Burbidge – Dunsborough area – *T. graminea* (Shy Sun Orchid)

Marina Karyagina – Northcliffe – many similar to Justin Brown but also *Microtis alba* (White Mignonette Orchid)

Eddy Wajon – Chingerup – a pure white 'snail'

John Ewing – reported that Etienne Delannoy had found a new population of *Serapias lingua* (a type of tongue orchid) near Paris – this is further north than it has ever been seen before.

6. CONSERVATION

Tim Hodgkins presented his conservation report. It covered:

6.1 Flynn Drive in Neerabup where, in September 2016 after flowering, plants will be translocated to nearby reserves in the City of Wanneroo.

6.2 Baker's Junction near Albany where a Motocross site is proposed in a revegetated gravel pit. Tim helped the Southern Rivers Group prepare a submission opposing this proposal.

6.3 Clearing proposals near Albany, Busselton and on the York Quairading Road were discussed and submissions are being considered.

6.4 The need for more volunteers to visit the 2014 list of Reserves both by the end of 2015 and perhaps again in 2016.

6.5 The request for suggestions for the creation of a new reserve to commemorate our 40th anniversary.

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

7. GROWER'S TABLE: Nothing tabled

8. GENERAL BUSINESS

8.1 Bill Burtons Books and notes: WANOSCG now has several boxes of Bill's books and notes which will be sorted and go into the library in 2016.

8.2 WANOSCG award for 2015: The president called for nominations for the 2015 WANOSCG award.

8.3 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.

8.4 Committee positions for 2016: The committee would be keen to hear from anyone who would like to volunteer for any position. 'New blood' would always be welcome.

9. PRESENTATION

Member's slides were presented by Marina Karyagina, Eric Swarts and Lyn Alcock.

10. WANOSCG PHOTO COMPETITION

The winner of the 2015 WANOSCG Photo competition was Andrew Brown.

RAFFLE DRAW: Jay drew the raffle and the winning ticket was held by Eric Swarts.

MEETING CLOSED: 9.30pm

NEXT MEETING: 7:30pm Wednesday 16th March 2016 BGPA Boardroom, Kings Park



And here is the WANOSCG 2015 Photo competition winning photo by Andrew Brown. This photo of Cowslip Orchid (*Caladenia flava*) and Shy Sun Orchid (*Thelymitra graminea*) was taken by Andrew in Crampton Nature Reserve.

BURNS

We have more significant burns to visit this year and I would like to suggest members 'adopt' a burn and visit it regularly, noting the orchids that appear. Check if there are any interesting burns in your local area.

As the Waroona-Yarloop burn is reasonably close to Perth, it would be within a comfortable day's trip for members to visit this area during the year.

It would be fantastic to get feedback of orchids found in any of the burns, but particularly in:

- Waroona-Yarloop
- Albany area: Torndirrup National Park and Two People's Bay Nature Reserve
- Esperance area: any of the many burnt areas to the north and east of Esperance

The first field trip for the year is likely to be one in late April to burnt areas on the Forest Highway.

EARLY FLOWERING SPECIES

In the early part of the year (March/April/May) we do not have a large number of orchid species flowering. I would like to suggest that we use this time to find and record new locations in the database of the following species: (you may already have some locations to add)

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

SURVEYS TO ASSIST ADORP GROUPS AND DPAW

Some of the ADORP groups may need help to survey their areas, especially in the burns. Kim Hanson will keep us informed if this is so, and he may also need assistance to look for other 'P' orchid species.

Following last year's successful surveys with DPaW staff, we may be asked by Andrew to help again this year.

MEMBER'S SUGGESTIONS

If you have a particular species or area you would like us to visit, please notify the Field Trip Co-ordinator. If you know an area well, please consider being a 'Field Trip Leader for a Day' and volunteer to lead a group to your favourite locations. We need your involvement.

Please suggest areas to visit for day trips e.g. local burns or interesting habitats. It would be great to visit new areas each year to increase the information in our database.

Margaret Petridis, Field Trip Co-ordinator



From top: *Corunastylis tepperi*, *Caladenia drummondii*, *Praecoxanthus aphyllus*.
Photos by M. Karyagina.

Strategic Plan for 2016 to 2020.

The new Strategic Plan is designed to overhaul and replace the old Five year plan. The committee is aware that there are many objectives and outcomes that have not been included in this new plan which may be in the long term interest of the group. What we have presented however are a number of objectives and outcomes that we feel are desirable and manageable in the time frame. That is not to say that the plan cannot be updated and modified should and when the need arises.

In addition, action plans have been drawn up for each Program. However, they are still 'works in progress' as they require the formation of subcommittees and input from newly elected 2016 office bearers.

Jay Steer, President

The outline of the new Strategic plan and an example of the Field Trips program action plan were mailed out with the March bulletin.

President's Report for 2015

Continued from page 1

Throughout the course of 2015 and in early 2016 the committee have been working on revamping and replacing the old Five Year Plan. We hope that a new Strategic Plan will be in place at the start of the orchid season and that it will strengthen the club over the next 5 years. One of the major realisations that came out of the process of revision and planning is that if we are to achieve new goals whilst maintaining our current objectives more assistance will be needed from club members.

Finally after a somewhat dry 2015 I hope that we get good rains in 2016 and get plenty of opportunities to enjoy our Western Australian Native orchids in the company of like-minded enthusiasts.

Jay Steer, WANOSCG President

FIELD TRIP CO-ORDINATOR'S REPORT 2015

We had another busy year with WANOSCG field trips in 2015, starting in early May and finishing in late November.

The huge summer burn around Northcliffe and Walpole was the target of four separate official field trips, as well as many personal ones. In the burnt area east and south of Northcliffe and north of Walpole we found many different fire-stimulated orchids in flower during the year.

In May we found a new population of the Leafless orchid (*Praecoxanthus aphyllus*) north of Northcliffe and some more plants to the south on a later trip. In May we also re-found a population of the Red-lipped Bunny (*Eriochilus valens*) north of Walpole that had been first discovered by Bill Jackson many years ago. It was a large and significant population this year following the fire.

Over the long weekend in late May, we visited Kalbarri and Eurardy Station to mainly look for the Winter Spider (*Caladenia drummondii*) and the Blunt-leaved Bunny (*Eriochilus brevifolius*). We found them both near Kalbarri but unfortunately not where we looked at Eurardy.

In June, Eddy Wajon led a group north for a day trip to the Jurien area and, despite inclement weather, they found the Kalbarri Shell orchid (*Pterostylis microglossa*) and the Northern Queen of Sheba (*Thelymitra pulcherrima*) amongst others. In mid-July Kevin Uhe led the group on a day trip to explore some nature reserves around Pingelly, where numerous *Pterostylis* and *Caladenia* species were found despite the lack of significant winter rain.

The annual week long camping trip with Andrew Brown was again a very enjoyable and successful venture. This year we focused on Snail orchids (*Pterostylis* sp. 'nana') and found 21 of the 25 targeted in the south of the state. We also found a



Left: Boggy area near Mt Ridley did not scare the snail trip team. Photo by M. Petridis.

Right: WANOSCG members receiving a briefing from the Field Trip Coordinator Margaret Petridis. Photo by R. Newmann.



considerable number of snails we could not identify, as well as over sixty species of other orchids.

A small group of five members visited Eurardy Station in August to assist with orchid surveys. The three 'T' species known to occur there were found in good numbers, along with other species.

In September we had a wonderful time visiting a private property at South Bokal, where we survived a very wet Friday night to assist with extensive surveys over the weekend. Despite a general lack of winter rains and lesser abundance of orchids than usual, we managed to add quite a few orchids to the owners' list, much to their delight. We also had a day trip to the Brookton Highway in September to search in a summer burn and capped off the month with a fantastic long weekend exploring the Perup/Tonebridge area. This last trip involved around thirty members and we enjoyed staying at the DPaW Perup Ecology Center.

After the Perup weekend, ten members stayed on in order to assist the Walpole DPaW officer with surveys at the burnt Tootanellup NR and along Nornalup Rd, where we targeted and found new populations of a rare species of *Drakaea* (Hammer orchid).

In mid-October we had another trip to Northcliffe where we had the guidance of local orchid enthusiast, Wendy Eiby, to visit some amazing orchid locations in the burn. This trip was attended by twenty six members and we found over fifty species of orchids during the weekend.

Kim Hanson organised survey weekends for *Caladenia ambusta* near Boranup in late October and *Thelymitra* sp. 'Ongerup' south of Ongerup in early November. These were well-attended and both very successful, with significant numbers of the orchids located.

Our 'break-up/Christmas' weekend field trip was the final official one for the year and was based in Walpole. We spent the Saturday exploring areas around Northcliffe and on Sunday morning, a couple of places near Walpole. The trip was attended by almost forty members and we all enjoyed finding late flowering orchids during the day, followed by a social get together around the BBQ on Saturday night.

All field trips during the year were well attended and I thank all members who participated and helped to make them so successful. We now just have to get all the sighting data into the database!

Margaret Petridis, Field Trip Co-ordinator

TREASURER'S REPORT

Club's income and expenditure for the 2015/16 financial year are as follows:

	YTD (1/02/15 – 31/01/16)
Income (operating account)	\$5770.90
Expenditure	\$3239.09

In addition \$2459.26 interest was earned from the BankWest and Police & Nurses bank deposits. The monies were re-invested when deposits were renewed.

Number of members: 138

From top: *Caladenia pholcoidea* subsp. *pholcoidea*, *Epiblema grandiflorum*, *Gastrodia lacista*. Photos by R. Newmann from the end of year trip to Walpole and Northcliffe areas.

CONSERVATION OFFICER'S REPORT

The last 12 months has been my second year in the role of Conservation Officer and the experience gained has enabled me to participate more fully in the issues confronting the Group in conservation.

Here are updates on the 'open files' in the area of conservation:

Norwest Energy, seismic survey in the Eneabba region

As reported at the May 2015 meeting, the clearing of native flora was carried out in the area but no information was received on the impacts. It should remain a priority to visit the site to check what has happened.

BAJV, Proposed Bauxite mining in the Morangup/Toodyay area

This project has been on hold but recent reports suggest that company ownership may be changing to enable funding for the go ahead. Any additional information from members living in the area will be valuable in follow up.

Flynn Drive, Neerabup, relocation of *Thelymitra campanulata* (Shirt orchids)

This is a proposed project for spring 2016 provided the Group wish to commit and suitable resources and a donor site are available.

Bakers Junction NR, north of Albany

This site has long been special for WANOSCG and in good news for conservationists and us in particular, it was announced in February 2016 that the City of Albany decided, after a public consultation process in 2015, to rule out this site as a possible Motocross venue.

Warwick Bushland, new Hockey facility

The tender for this project has now been let and issues surrounding the disturbance of existing high value bushland near the site need to be raised with the City of Joondalup. In particular, pathway access to parking through the bushland is in urgent need to be resolved to protect existing populations of at least 15 different orchids in that small area behind the new Stadium. I am hoping for a meeting with the City of Joondalup in the near future to discuss the matter.

General issues

Council contacts: We have continued to build good relationships with several Councils and it will benefit the Group to focus on these possible partnership opportunities, with some potential for training and field surveys.

Reserves: There has been a slow response to the request to visit and report on Reserves that are of special or historic interest to the group. We need to consider better resourcing of this initiative if it is a priority for the Group.

New Reserve for 40th: Nothing has firmed up yet so we need to keep this on our agenda.

In closing I would like to thank the committee and members for their support and I look forward to continuing in the role for a further 12 months, if re-elected!

Tim Hodgkins, Conservation Officer



Late flowering orchids photographed in December 2015: *Cryptostylis ovata* (M. Karyagina), *Caladenia corynephora* and *Thelymitra fuscolutea* (M. Petridis)

FIELD TRIP REPORTS

SOUTHERN RIVERS GROUP - Round Trip 14th November 2015

We left Albany on a relatively cool and sunny morning for the meeting spot in Mt Barker. Realising it was going to get warmer very quickly formalities were dealt with very quickly enabling us to search for the target orchids. *Diuris setacea* (Bristle Donkey) were at their peak, all in full bloom, however, every *Thelymitra benthamiana* (Leopard Orchid) had gone to seed. Many *Disa bracteata* (South African) were removed as we made our way to the *Prasophyllum brownii* (Christmas Leek) site. Only the very bottom flowers were open.

Southwards along the Mt Barker Denmark Road we thought it would get cooler, however, the temperature gauge kept rising to reach 28°C at our next stop in a depression beside the road. Here we added *Microtis alboviridis* (Scented Mignonette), *Microtis media* subsp. *media* (Common Mignonette) and *Prasophyllum drummondii* (Swamp Leek) to the list. All were looking fresh and robust. Meanwhile *Lyperanthus serratus* (Rattle Beak) and *Thelymitra vulgaris* (Slender Sun) had gone to seed.

With the temperature rising further we turned onto the Blue Lake road, only to find the turnoff near Blue Lake closed due to a burn a month ago. Morning tea was quite pleasant in the shade by the lake. Eager enthusiasts sighted *Thelymitra crinita* (Blue Lady) and *Thelymitra graminea* (Shy Sun).

Travelling south again the temperature just kept rising to max out at 38°C. Thank goodness, the roadside orchids were under shady trees. Much shade time was spent photographing *Prasophyllum regium* (King Leek) and *Prasophyllum giganteum* (Bronze Leek). Further along the gravel road *Thelymitra paludosa* (Plain Sun) perfume wafted into cars confirming the description "... these open freely on warm sunny days and often fill the air with exquisite perfume..." Hoffman and Brown, 3rd edition, 2011 p. 323. No mistaken identification of these flowers.

Our lunch stop was in an old gravel pit under the shadiest trees possible. Some members walked to the nearby damp area to find *Thelymitra tigrina* (Tiger Sun). It was still in tight bud.

Our final stop was along the Bibbulmun Track beside Wilson Inlet. Finally, the sea breeze was having a cooling effect making walking quite pleasant. *Cryptostylis ovata* (Slipper) and *Microtis media* subsp. *media* (Common Mignonette) were in full bloom whilst the *Pterostylis* bird could not be identified and the *Caladenia falcata* (Green Spider) had gone to seed.

On our return to the cars, flying ants made themselves known to us resulting in a hasty retreat. Due to the range of different orchid seed pods this will be the site for a return visit in August or September next year.

Anna de Haan



Prasophyllum brownii.
Photo by M. Karyagina



Diuris heberlei. Photo by W. Gye

SOUTHERN RIVERS GROUP - Christmas Windup December 5th 2015

The weather forecast was a gardener's delight - rain and lots of it. Steady rain had fallen since daybreak, however, there was no wind or stormy weather. Only very dry thirsty soils as the south coast had only received two thirds of last years below average rainfall. On the drive to Denmark, the rain petered out completely, not to bother us for the rest of the day. More club members were greeted in Denmark before driving onto William Bay National Park. Here the strong cold winds were an issue.

Initially we only found two plants with seed pods of our targeted flower *Diuris heberlei* (Heberle's Donkey Orchid). We widened our search, careful to avoid the abundant dreaded "Blister Bush".



Thelymitra plants in seed.
Photo by M. Karyagina

Quite a number of *Caladenia corynephora* (Club-lipped Spider Orchid) were found on the edges of the creek line. There was great variation in size and shape, especially labellum width and length, fringing length and age of flower from those just opened to those pollinated and drying off. Quite confusing until the book was closely studied. The flowers could not be anything else. A number of Thelymitra seed heads were also sighted. Meanwhile, one determined member remained in the original creek line to scrutinise the vegetation more closely. His perseverance was rewarded by finding one *D. heberlei* in flower. Well done, Jeff.

Back into town for an invigoratingly cold walk along Wilson Inlet. Here we found many *Cryptostylis ovata* (Slipper Orchid) in flower and a few more *C. corynephora* in varying states of having gone to seed.

Refuge was found in Julie's kind offer of her home for our usual shared lunch that was enjoyed by all as we discussed the challenging year of limited orchids and plans for 2016.

I wish to thank all club members for their field trip support throughout the year.

Anna de Haan

Ed: Photos in this section are not from the SRG trips. They are provided for illustration purposes only.

END OF SEASON FIELD TRIP Walpole – Northcliffe area, 21-22 of November

Day 1, November 21st: On a beautiful warm late spring morning 43 members of the Perth and Southern Rivers groups met in the Walpole visitors Centre carpark for the last Field trip of the year. Several members had conducted their own preliminary searches on the previous day looking for the range of late season orchids that we could expect to see in the lower South West.

Field trip leader Margaret Petridis addressed the group and advised that today (Saturday) we would go into the Northcliffe area and tomorrow (Sunday) concentrate on areas closer to Walpole. There were four locations on our program today including a lunch stop. We were reminded of the need to disinfect against dieback at all stops.

Car-pooling saw the number of vehicles reduced somewhat and we set off in groups of about 4 vehicles for the first location along Deeside Coast

road at a granite outcrop on the east side of the road.

Orchids found at this site were: ***Microtis brownii*, *Caladenia brownii*, *C. pholcoidea* subsp. *pholcoidea*, *Elythranthera emarginata*, *Microtis media* subsp. *media*, *Prasophyllum regium* and *C. corynephora* (in bud).** The *E. emarginata* was faded and nearly finished.

At the second stop along Chesapeake Road we were able to enter a dried out wetland which had been previously visited by group members. It was a relatively large area where people could spread out to look for several species anticipated to be there.

Orchids found at this site were: ***Diuris pauciflora*, *Epiblema grandiflorum*, *Microtis atrata* (seedpods), *M. cupularis* (seedpods), *Prasophyllum gibbosum*, *P. regium*, *Pyrorchis forrestii*,**



Caladenia serotina.

Photos by R. Newmann (Top, left) and T. Hodgkins (above)

Thelymitra canaliculata, **T. crinita**, **T. mucida** (seedpods), and **T. tigrina**. It was a real pleasure to see this last tiny exquisite sun orchid in flower.

The lunch stop was in a shady spot along Windy Harbour Road where it was possible to park, eat and then search the opposite (west) side of the road for orchids.

Orchids found at this location were: **Microtis alba**, **Caladenia corynephora**, **Caladenia serotina** and **Prasophyllum gibbosum**. Very appropriate that we found the Christmas Spider orchid, one at least in red colour!

We then set off for Big Hall Brook Road specifically looking for **Paracaleana disjuncta** and several plants were found in a sandy area under shrubs.

The day's last stop was at Shannon Dam to see **Gastrodia lacista** (Potato orchid), which was a new find for some members. There was a small population adjacent to the dam and not far from some earthworks. Further enquiries later by Andrew Brown revealed that DPaW were in the process of providing camping facilities at the site and were aware of the orchid populations.

The evening saw members gather at the Coalmine Caravan Park recreation hall for our season end BBQ and celebration. It had been a mixed season for orchids due to the lack of rainfall, particularly in the lower South West but as always it has been a great joy to find the species that were flowering. We ate and celebrated in style with Ramon showing some slides after dinner. We joined in three hearty cheers for Margaret and Kevin, organisers of the successful field trips.

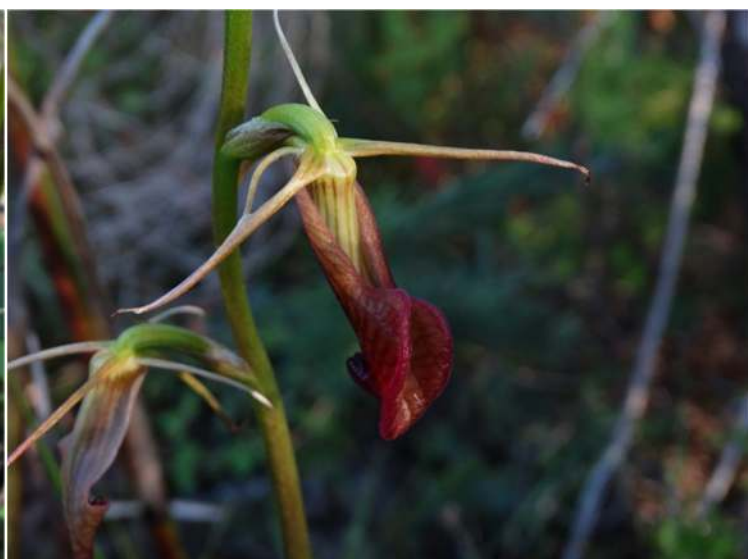
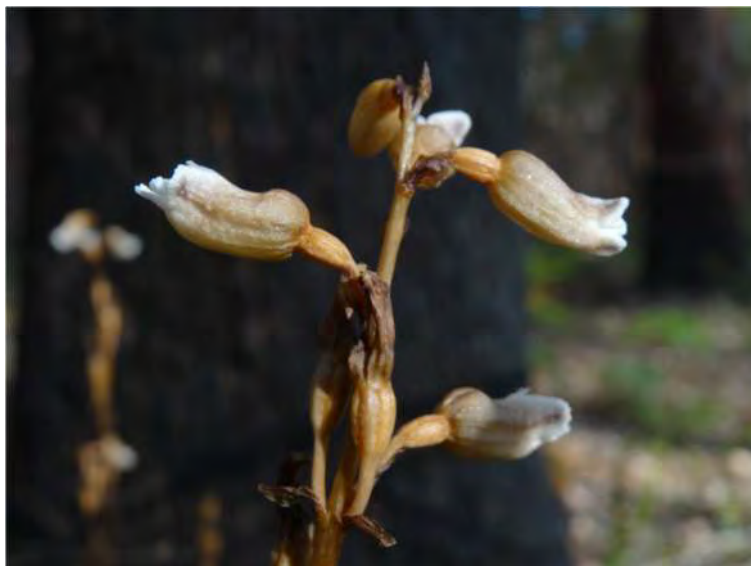
Day 2 November 22nd: A very similar day greeted us on Sunday and at the instruction of Andrew we met at The Knoll along the estuary drive. Here we found a remarkable population of **Caladenia corynephora** numbering perhaps 300+, some plants even growing up through the edge of the road surface. Most plants were in bud but enough were out for photographs.

We moved on to the west of Walpole, parked down Plain road and walked to the south side of the highway to see two varieties of orchids on the road verge, **Cryptostylis ovata** and **Thelymitra paludosa**. The latter with some interesting colour variations. A quick inspection of a nearby site showed that the **Gastrodia lacista** were still in bud.

From here the group dispersed to travel home, well satisfied with having seen 26 different species over the two days.

Finally thanks again to Margaret, Kevin for their organisation of the trip and to Anna De Haan for the input from the Southern Rivers Group.

Tim Hodgkins



Top: *Gastrodia lacista*. Above L-R: *Caladenia pholcoidea*, *Cryptostylis ovata*. Photos by T. Hodgkins.

SUMMER WANDERINGS

After a successful Christmas break-up trip in late November most members thoughts turned to Christmas and the holiday period. A small group of members decided that orchids were still around and during December a number of trips to the Northcliffe/ Walpole area revealed a surprising number of orchids despite the dry winter.

In early December a trip to Northcliffe saw a good display of Babe-in-the-cradle (*Epiblema grandiflorum*) as well as the late swamp orchid (*Prasophyllum* sp. 'late swamps'). Also in the area were a small number of Heberle's donkey (*D. heberlei*), club lipped spider (*Caladenia corynephora*), Christmas leek (*Prasophyllum brownii*) and numerous *Microtis* species including *brownii*, *alba*, *media* subsp. *media* and subsp. *densiflora*.

Another trip followed the weekend after, looking for fire stimulated *Microtis* species around Northcliffe. Meanwhile around Walpole a small group of members were walking along many kilometres of the South Coast Highway helping in a survey of Jackson's sun orchid (*Thelymitra jacksonii*). It is pleasing to report that a few new areas of the orchid were found. Due to impending road widening of this road it was important to locate any populations of this taxa so they could be marked before works commence. Thanks go to those members who assisted in the surveys.

During the walks along the highway it was pleasing to see some large numbers of the chestnut sun orchid (*Thelymitra fuscolutea*). One area had over 100 plants and it was hard to know which ones to photograph.

During a course of conversation it was mentioned that an area that had been burnt in a prescribed burn near Broke Inlet had a number of the Beautiful mignonette orchids (*Microtis pulchella*) flowering. Next day a small group headed in to the burnt swamp guided by local Walpole member David Edmonds. Exploring this swamp revealed a number of *Microtis pulchella* but the excitement rose when the South Coast Mignonette (*Microtis familiaris*) was spotted growing with the *M. pulchella*.

This orchid is not often seen and further interest was sparked when some hybrids between *M. pulchella* and *M. familiaris* were spotted. This rare hybrid was last recorded by Andrew Brown in 1984!



L-R: *Microtis pulchella*, *M. familiaris* and *M. brownii*. Photos by K. Uhe

A report to Andrew Brown upon our return to Perth revealed this was a new location for *M. familiaris*. The opportunity to get some better photographs of this orchid provided Andrew with the excuse to go down South and see them in the swamp. This resulted in another trip to Walpole and some members who were undertaking further surveys of *T. jacksonii* joined the convoy out to the burnt coastal swamp. This lead to a wider area being searched but only one further small population of *M. familiaris* was located.

An opportunity to spend a few days "holiday" after Christmas at Northcliffe was taken and during the stay a number of plants of *Thelymitra fuscolutea* were spotted at different locations, along with *Caladenia corynephora* (with some still in bud), Slipper Orchid (*Cryptostylis ovata*) and the Potato orchid (*Gastrodia lacista*).

Now it was the time to put the camera away and enjoy other pursuits prior to the next orchid season.

Kevin Uhe

WHAT'S THE DIFFERENCE (1)

The *Prasophyllum cucullatum* complex

By Andrew Brown

Introduction

Within the Western Australia Orchidaceae there are numerous species complexes. These are groups of closely related species that are similar in appearance but are considered to have sufficient differences to warrant separating as distinct species. A species complex is in most cases a group with a common ancestor, although there are exceptions. Members of a complex may represent an early stage after speciation, but may also have been separated for a long time period without evolving major morphological differences. Hybridisation can also be a component in the evolution of a species complex. It should be noted that recognising similar but distinct species is important in conservation biology.

In my latest book I have subdivided some of our orchid genera into smaller groupings of related species e.g. *Caladenia huegelii* complex, *Cyanicula gemmata* complex, *Pterostylis nana* complex etc. This way, species with similar morphology can be more easily compared with one another as they are all in one place. However, even when alongside one another, some species are still not easily separated by looking at the photos alone and I am often asked the question "What's the difference?". This is the first of a series of articles where I will attempt to explain just what the difference is between very closely related species.

However, before we begin, it is worth emphasising that we should not take too narrow an approach when separating species. A holistic approach is usually much better. In other words do not get hung up trying to separate closely related species using a few, sometimes variable morphological or other features. Plant height, flowering time, flower colour, habitat, geographic range etc, when used in isolation, may not always stand up. Within the range of variation in any species you will always find exceptions to the norm, i.e. plants that are flowering exceptionally early or late, flowers that are unusually coloured or flowers that are exceptionally large or small. There are many other examples. It is important to be aware of these forms but they will muddy the waters when you are trying to ascertain what species you are looking at. Instead, observe what the majority of plants in a population look like, when they flower, what geographic range they are found in and what habitat they are occupying and use this information in combination to distinguish species.

Obviously, using features other than morphological could be deemed to be artificial but for the purposes of separating closely related species it can nevertheless be very helpful.

The *Prasophyllum cucullatum* complex

The first group that I will deal with is the *Prasophyllum cucullatum* complex which comprises four very similar species (yes four, not three – I will explain below). All are short plants with a relatively short, thick leaf and a short, broad inflorescence of often closely packed flowers, and each flower has a prominent hood formed by the fusion of the lateral sepals. Species in this complex flower profusely following fire, though one, *Prasophyllum cucullatum*, will also flower in lower numbers in the absence of fire.

I was going to provide you with a simple comparative table of differences and some photos illustrating distinguishing features of each of the three species that we thought comprised the complex. However, in preparing this article I remembered that several members of WANOSCG had told me that some populations of late flowering plants we had called *P. gibbosum* resembled the earlier flowering *P. cucullatum* in having a relatively broad, wavy-margined labellum. In looking at my photos there were indeed plants that had these features. Well, this threw a spanner in the works.



Figure 1
Type of *Prasophyllum gibbosum*



Figure 2
Prasophyllum cucullatum



Figure 3
Prasophyllum gibbosum



Figure 4
Prasophyllum sp. south coast

The first thing that I did was to look at photos of the type sheets of *P. cucullatum* and *P. gibbosum*. Nowadays these are available on line through JSTOR Global Plants.

There was no problem with *P. cucullatum* which matched our concept of that species. Although the sheet contained a single, very poor specimen it appeared a good match for the granite outcrop taxon – a squat inflorescence, a prominently laterally cupped hood (the fused lateral sepals) and a broad wavy margined labellum. It is worth noting that *P. cucullatum* is very poorly collected with just three collections held in the Western Australian Herbarium. But, when I viewed the type sheet of *P. gibbosum*, I had a light bulb moment. All the specimens on the sheet had a broad, laterally flattened, wavy-margined labellum, not the narrower, laterally-cupped, smooth-margined labellum that we had previously associated with *P. gibbosum*. Damn, that meant there were two different species involved and that what we had previously thought was *P. gibbosum* was in fact an undescribed species.

The next step was to go into the Herbarium and look at collections of these taxa. *Prasophyllum* sp. striped matched our concept of that species, so no problems there. However, I found there were two distinct flower forms in the *P. gibbosum* folder – what I now know is the true *P. gibbosum* and what I have nick named *P. sp. south coast* (the taxon we had previously thought was *P. gibbosum*). From the information available in the collections I was able to deduce that *P. gibbosum* flowers between November and December whereas *P. sp. south coast* has a much longer flowering period between September and December. Both occupy south coastal swamps but *P. sp. south coast* is also found in seasonally damp shrublands and has a much wider distribution than *P. gibbosum*, being found between Broke Inlet and Israelite Bay as opposed to between Northcliffe and West Mt Barren for *P. gibbosum*. These taxa differ substantially in their morphology with *P. sp. south coast* distinguished by its consistently compact, often shorter inflorescence and narrower, smooth margined labellum. Both species require fire to flower.

As a consequence of having a closer look at this complex of species I now believe what we were calling *P. gibbosum* (the one with a smooth margined labellum) is an undescribed species. *Prasophyllum cucullatum* is confirmed as the granite outcrop species and true *P. gibbosum* is the common, widespread swamp dwelling species with a laterally flattened, wavy-margined labellum. *Prasophyllum* sp. striped is also confirmed as distinct from the other taxa. Consequently, I now believe there are at least four members of the complex, each separated by a mixture of morphological and other characters (see **Table 1** and **Figures 1-5**). However, our concept of what some of these species are has changed.

I do not think there is any doubt that the species with a smooth margined labellum (*P. sp. south coast*) is distinct from the others. The only question then is what rank should be applied to the other three, all of which share a broad wavy margined labellum. Some would argue species while others would argue subspecies or forms of *P. gibbosum* (named earlier than *P. cucullatum*). In my mind all three should remain species as their morphology remains distinct throughout

their respective ranges. Unlike species, subspecies often intergrade where their habitats abut or ranges overlap.

Putting this article together has proven to be a revelation. Some of my previously held concepts have been shown to be incorrect and there is a possible new species in the *P. cucullatum* complex. Please note, however, that this view is based on a very brief look at available specimens and information. It will require a detailed, peer reviewed paper to be published for these ideas to be widely accepted.

Table 1 shows characters that separate *P. cucullatum*, *P. gibbosum*, *P. sp. south coast* and *P. sp. striped*. Major distinguishing features shown in red.

ORCHID IDENTIFICATION

Table 1. Differences between the species in *Prasophyllum cucullatum* complex

Key characters	<i>P. cucullatum</i>	<i>P. gibbosum</i> (what we were calling <i>P. aff. gibbosum</i>)	<i>P. sp. south coast</i> (what we were calling <i>P. gibbosum</i>)	<i>P. sp. striped</i>
Geographic range	Margaret River to Albany	Northcliffe to West Mt Barren	Broke Inlet to Israelite Bay	Perth to Busselton
Habitat	Granite outcrops	Swamps and stream margins	Swamps, stream margins and seasonally damp shrublands	Swamps
Ecology	Often flowers in the absence of fire	Flowers only following fire	Flowers only following fire	Flowers only following fire
Flowering time	September–October	November– December	September– December	October
Plant height	50–200 mm	50–350 mm	50–180 mm	50–250 mm
Inflorescence	Squat 10–40 mm long	Squat to elongated 40–110 mm long	Squat 20–70 mm long	Squat to elongated 20–70 mm long
Flower number	Up to 20	Up to 50	Up to 40	Up to 40
Flower colour	White and dull red	White and dull red	White and dull red	White and greenish-fawn
Hood	Slightly narrower, more prominently cupped laterally	Very broad, not as prominently cupped laterally	Very broad, not as prominently cupped laterally	Very broad, not as prominently cupped laterally
Dorsal sepal	Broad at base narrowing to a pointed apex, dull red often with white margins	Broad at base narrowing to a pointed apex, dull red often with white margins	Broad at base narrowing to a pointed apex, dull red often with white margins	Broad throughout with a blunt apex, greenish-fawn usually with white margins
Labellum	Broad, laterally flattened, wavy-margined	Broad, laterally flattened, wavy-margined	Narrower, laterally cupped, smooth margined	Broad, laterally flattened, wavy-margined



Figure 5

Prasophyllum sp. striped

This photo is by G. Brockman.

Photos in Fig. 1–4 are by A. Brown.

Announcing a New Checklist of the Orchids of Australia

A new Checklist of the Orchids of Australia has been prepared that covers the 1,869 species, subspecies and varieties of wild orchids (comprising 1,794 species and 116 subspecies and varieties) in 113 genera found in Australia and its island territories. This total includes 395 species considered distinct but not yet named and described. This Checklist also includes 546 naturally occurring hybrids (including 48 named wild hybrids) in 15 genera plus 6 intergeneric crosses, that have been observed in the field. The inclusion of the many hundreds of recognised but unnamed species and naturally occurring hybrids makes this the most comprehensive checklist of Australian orchids ever compiled. The Checklist files are available as free downloads from the club website www.sites.google.com/site/wanoscg/checklist-of-the-orchids-of-australia.

The Checklist has been prepared in two versions: an Excel spreadsheet that can be modified by users, and a PDF version that can be printed for a hard copy. Each version has a national list of species and hybrids followed by State/Territory lists of species and hybrids. *Instructions on use of the Excel version are on the club website.*

It is intended that the Checklist will be periodically updated.

The Checklist was prepared by Gary Backhouse (Victoria), Andrew Brown (Western Australia), Robert Bates (South Australia) and Lachlan Copeland (New South Wales).

Early Flowering Orchid Sightings — WANOSCG Database Report

Species / Location	Mar	Apr	May	Total
Caladenia drummondii (Winter spider orchid)	-	-	29	29
Babakin			3	3
Bejoording			8	8
Bolgart			4	4
Bunbury			1	1
Corrigin			7	7
Corrigin- Quairading			2	2
Kalbarri			1	1
Kondinin			1	1
Meckering			2	2
Corunastylis tepperi (Pygmy orchid)	-	2	8	10
Bullaring			1	1
Corrigin		2	6	8
Gnowellen			1	1
Eriochilus valens (red- lipped bunny orchid)	-	2	4	6
Gull Rocks		2	3	5
Walpole			1	1
Praecoxanthus aphyllus (Leafless orchid)	1	17	8	26
Augusta			1	1
Condingup			1	1
Denmark		1	1	2
Gull Rock	1	3		4
Lower King		1		1
Manjimup		1		1
Pinjarra		7	2	9
Quininup			1	1
Walpole		4	1	5
Witchcliffe			1	1
Grand Total	1	21	49	71

The table above shows the number of sightings (total and by location) of four early flowering species as recorded in the WANOSCG database. Locations indicate the township that is nearest to the sighting location.

Have you seen these orchids elsewhere? Submit your sightings to the Registrar (Ramon Newmann) on [\[redacted\]](#)

BIG THANK YOU

Big 'thank you' to Ann Storrie for donating copies of her latest book '*Lighting up the Caves*' (with Carolyn Thomson-Dans) to WANOSCG. We raised \$450 already!

Ann also donated a copy of Jane Scott's book '*Orchids of Margaret River and Australia's South-west Capes*' to the WANOSCG library.



WANOSCG 2015 PHOTO COMPETITION

And the winner is... Andrew Brown! For the second year in a row! Andrew's winning photo (refer to page 5) received 18 votes.

Winning came as great surprise to Andrew as it was only when someone mentioned it at the Walpole Christmas party that he found out that he won (Andrew was not at the November meeting).

Andrew found his competition winning orchids - Cowslip Orchid (*Caladenia flava*) and Shy Sun Orchid (*Thelymitra graminea*) - in Crampton Nature Reserve, where he stopped on his way back from Margaret River on the 10th of October.

Jay Steer's duo of *Caladenia brownii* and *Elythranthera brunonis* (see front page) and Marina Karyagina's *Drakaea livida* and *Paracaleana nigrita* were in the joint second place with 15 votes each.

Andrew's other submission, photo of snail and bird orchids, was also quite popular. The latter orchid pair caught attention of quite a few members who took part in the August snail trip (led by Andrew) - three different photos were submitted to the competition. The identification of the pair proved somewhat difficult (now, this is a surprise) but it was decided they were most probably Sparse Bird Orchid (*Pterostylis* sp. sparse) and Long-sepaled Snail Orchid (*Pterostylis* sp. long sepals).

Thank you to all the members who participated, it proved to be a difficult but exciting assignment.



Raffle Prize for March

A framed panel of embroidery created by Thelma Bridle of South Australia that depicts 14 orchids will be the Raffle prize at the March meeting. The embroidery was kindly donated by David and Jane Cummings.

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)

BULLETIN ARTICLES

Please email any Bulletin contributions to Marina at wanoscg.newsletter@gmail.com. Items for the next Bulletin need to be submitted by 4th April 2016.

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Upcoming Field Trip List

April — November		Suggestions? WATCH THIS SPACE
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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))

2015	ROSTERS		SPEAKERS 2015
	Raffle	Supper	
MAR	David and Jane Cummings		AGM
APRIL			Ramon Newmann—2015 Snail trip
MAY			TBA
JUNE			TBA
JULY			TBA
AUG			TBA
SEPT			TBA
OCT			TBA
NOV			TBA