



# Western Australian Native Orchid Study and Conservation Group

## October 2016 Bulletin

Hybrid between *Caladenia multiclavia* and *C. roei*,  
Photo by W. Gye



### INSIDE:

- Meeting Minutes
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- And more

### HYBRIDS RULE

This years seems to be the one for hybrids. Every group field trip and many personal ones seem to encounter a hybrid or two or half a dozen!

Some hybrids are very elegant, like *Caladenia x cala* with its tall scape and confident posture. Some have their parents' vibrant colours and confusing shapes. Some are quirky but still wonderful, like the ones above or little *C. barbarossa x C. falcata* hybrids encountered by the group on the long weekend field trip to Stirling Range.

Others are delicate, like cowslip and little pink fairy hybrid, with its peach coloured flowers, a real beauty. Who would have thought it comes from such common parentage lines.

So far most of the hybrids reported this year have been from *Caladenia* genus, which tend to hybridise more than other genera. Sun orchids seem to be taking their time this year, at least around Perth and South West. Hopefully, they too will have some hybrid surprises for us when they come out en masse.

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

# WANOSCG General Meeting Minutes

## Wednesday, 21st of September 2016

Meeting held at: BGPA Boardroom, Kings Park

Meeting opened: 07:33 pm

### ATTENDANCE:

Number of members present: 37 Visitors: Geoff Foley

Welcome to new members: Jon Warren (Membership officer) was introduced to new and prospective members

**APOLOGIES:** Peter and Debbie Proudfoot, Jay Steer, Jeanette Wheatley, Eddy Wajon, Donna Wajon, Natasha Rychlicki, George Kokosinski

**CIRCULATION OF REPORTS:** Attendance book, Treasurer's Report and conservation reports were circulated to the members.

**RAFFLE:** Prize donated by David Lawson.

### 1. PREVIOUS GENERAL MEETING MINUTES

It was noted that the minutes of the general meeting of 17 August 2016 as circulated in the September bulletin were incorrectly dated in the title as the general meeting of 20 July 2016, although the contents were those of the August meeting.

It was moved by Tom Burbidge and seconded by Urszula Kokosinska that the General Meeting Minutes of 17 August 2016, as published in the September 2016 bulletin and subject to the amended date in the title are a true and accurate record of that meeting. *Carried.*

### 2. BUSINESS ARISING FROM THE PREVIOUS MEETING

**2.1 Snail Trip book:** 49 copies have been sold successfully with just two or three copies remaining to be sold.

**2.2 Study groups:** The Snail Group has found a new occurrence of snail orchids, although the species has not yet been identified.

**2.3 WANOSCG website:** WANOSCG's google sites Website has been merged with the website for validated digital images of WA native orchids (to <http://wanoscg.com/>):

- Paul Winthrop (PW) and Stuart Gale (SG) will be the web administrators of this new site.
- PW has received the relevant information from Noel Hoffman in relation to the validated photo site and will train SG in its use.

**2.4 WANOSCG conducting surveys for local governments:** Jon Warren indicated that conduct of the surveys is continuing. The process has sparked an increased interest in the shires for their native flora reserves and the shire staff have a considerable fund of knowledge.

**2.5 WANOSCG garment order:** Jon Warren has explained to Donna Wajon the nature of our group's interest in a further garment order and Donna has agreed to make a list of what we might get, including WANOSCG pullovers and potentially for "high-vis" vests, and the respective prices.

### 3. REGISTRAR'S REPORT

WANOSCG Database: Information from the database is available to members on an exchange of information basis. Members are asked to send their sightings contributions to Ramón Newmann in the preferred Excel spreadsheet format. Anyone needing a copy of the spreadsheet for submission, can request it from Pat Richards.

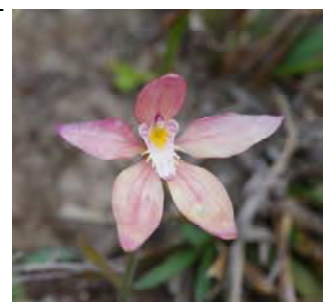
### 4. TREASURER'S REPORT

For the period 1 August 2016 to 30 August 2016 :

	MTD
Income (operating account)	344
Expenditure	390.60



Hybrid between *C. filamentosa* and *C. longicauda*, Kojonup. Photo by M. Petridis



*Caladenia flava* x *C. reptans*. Borden area. Photo by M. Karyagina



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

## 5. CORRESPONDENCE 18 August to 21 September

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
16/9/16	Sarah George (CCWA)	Helena Aurora Range threatened Tuesday 20 <sup>th</sup> September
16/9/16	Tim Hodgkins and Mary Gray (Urban Bushland council)	Notification of listing of Banksia Woodlands of the Swan Coastal Plain, effective Friday 16 Sep
13/9/16	Briana Thompson	eNGO Directory   Australian Environmental Grantmakers Network
13 /9/16	Iain Mclean	Re facebook
12/9/16	Secretary of NOSA, Rosalie Lawrence	Facebook Etiquette
12/9/16	Terry Dunham	Facebook Etiquette
12/9/16	Karen Johnston	My thoughts on FB WANOSCG site
10/9/16	Gail Reed	WANOSG Facebook Page
10/9/16	Peter Proudfoot	WANOSG Facebook Page
9/9/16	Etienne Delannoy	looking for albino WA orchids
8/9/16	Eastern Metropolitan Regional Council (EMRC)	Blue Wren Reserve event 18 <sup>th</sup> Sept
29/8/16	Tony Watkinson	W.A. Orchid Spectacular Rendezvous Hotel 5 <sup>th</sup> & 6 <sup>th</sup> August 2017
24/8/16	Linda Adams (EMRC) Eastern Metropolitan Regional Council	GREENPAGE NEWSLETTER August/September 2016
7/7/16	Peter and Deb Proudfoot	Apology for Sept meetings and Oct committee meeting
7/9/16	CCWA	Conservation Council's Citizen Science - Micro plastics Project
6/9/16	Jon Warren	Latest membership data base
9/9/16	Andrew Brown	Facebook page
6/9/16	Kim Hanson	Gail Reed Facebook comment
5/9/16	Christine Lock	Gail Reed Facebook comment
2/9/16	Margaret Fox	Noel Clarke has had a minor stroke
2/9/16	Tim Hodgkins	WARTON Rd mining in Bush Forever: was due 18 <sup>th</sup> August
30/8/16	Mary Grey (UBLCL)	Environmental weed action network AGM 10 <sup>th</sup> Sept
25/8/16	Brian Trainer	Unusual <i>C. caesarea</i> subsp <i>maritima</i> picture
17/8/16	Andrew Brown	Link to Don Voight's tribute
23/8/16	Timothy Darrington	I am touring WA with Lyn Alcock

### Business arising from Correspondence:

- A significant amount of correspondence related to the Facebook page. Matters arising will be covered in item 9.4 hereof.
- Anyone wishing for a copy of the Banksia Woodlands listing notification may request it from [Pat Richards](#).

*Caladenia falcata*, Kojonup. Photo by M. Petridis



## 6. FIELD TRIPS

**Reminder to all members that they should send all correspondence about field trips to the Field trip officer (Margaret Petridis) 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

- On the most recent field trip to Kojonup it was noted that there were over 40 species of orchid in flower, including some hybrids. Margaret Petridis has created a spreadsheet listing the orchids found at the three locations. A more comprehensive report will be published in the next Bulletin. Rob Van Oosten commented that the trip was very well organised and thanks should go to Su O'Halloran for leading the trip.
- The trip to Johnston Road and Peppermint Grove Road went well with several orchids seen in flower, including many leek orchids. Thank you to Urszula, Paul and Ron.

### 6.2 Upcoming Field trips:

- 24-26 September The Stirling Range – the inclusion of Albany during this trip has been discarded following reports of very few orchids currently in flower. The Stirling Range sectors will be followed by a visit to Borden to see what might be there.
- 2-8/9 October Kevin's Rufa trip – camping trip to Karonie
- 15-16 October Boyup Brook Ruabon looking for beard orchids
- 5-6 November Ongerup (looking for Thelymitras) - Margaret Petridis will discuss with Kim Hanson and advise if this trip is for ADORP members only.
- Tim Hodgkins indicated that Graeme Walker had mentioned that a friend of his has a 400 ha property and could possibly arrange for us to make a field trip there next year.

### 6.3 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 (Ramon Newmann [wanoscg.registrar@gmail.com](mailto: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.

Personal field trips reported:

- David Cumming had been up to the Kimberley staying at various cattle stations. He found a number of *Cymbidium canaliculatum* (in the trees) in the central highlands. They were not in flower, just in bud.
- Closer to home, John Ewing had noted four or five superb *Caladenia arenicola* luteal specimens in Joondalup. He also saw *Caladenia georgei*.
- Mark Brundrett had noted *Cyanicula ixioides* flowering without fire near Toodyay.
- Tom Burbidge had noted a lot of pink fairy orchids in flower.
- Justin Brown had noted *Caladenia nana* and dancing spider orchids on Riverdale Road. At Yarloop he had seen two different forms of *Prasophyllum elatum* as well as *Drakaea elastica*. He had also seen a Pingaring spider orchid just flowering.
- Margaret Petridis had put a couple of posts on the Facebook page, regarding finds including clumps of pink fans as well as *Caladenia paludosa* and several colour variations of *Caladenia flava*.
- Noel Hoffman had found a giant snail orchid – twice as big as an ordinary snail – on the south side of the picnic area at Toolibin Lake. He had also seen *Thelymitra speciosa* at Bremer Bay along with white spiders, helmet orchids (sp Hamersley) and a few donkey orchids. (The Tozer's caravan park was suggested as a possible venue for a field trip next year.)
- Tim Hodgkins indicated that in the reserves in the northern suburbs, there were many *Caladenia arenicola* specimens in flower.
- Ron Fauntleroy provided a comprehensive written report of his finds.



Unusually coloured *Caladenia latifolia*, Yallingup. Photo by M. Karyagina

## 7. CONSERVATION

It was moved by Paul Winthrop and seconded by Marina Karyagina that the conservation report by Tim Hodgkins be accepted. *Carried.*

### Discussion on current issues

- Andrew Brown had met with DPaW to discuss the proposed burning off in various parts of Kemerton, along Treasure Road as a buffer zone for the industrial area. There could be potential for getting parts of the area upgraded to full reserve status. Tim Hodgkins will get further information from Andrew regarding the matter.
- Further to the matter regarding the Jerramungup Shire clearing, the Shire is looking into the matter.
- The Helena and Aurora Range Public and Environmental Review (PER) is out now and open until 31 October for comment. We shall put together a public submission for the issue. An iron ore mine is proposed for the area. Margaret Petridis will be going up there again for a further look.
- In relation to clearing at Flynn Drive, Neerabup where three orchid species, including *Thelymitra campanulata*, had been found last year. The area concerned is too small to become a reserve so the possibility of relocating the orchids is being investigated.

## 8. GROWER'S TABLE

Nothing to report.

## 9. GENERAL BUSINESS

**9.1 End of Season "get together":** The committee has discussed the pros and cons of having a trip to the south each year and it was felt that this year the end of season function would be close to Perth.

Date: 3 December (to be confirmed)

Venue: Perhaps Bold Park or Perry Lakes - enquiries being made

Style: BBQ with Quiz and slides

**9.2 Octogenarian's night:** October meeting

**9.3 Etienne Delannoy is looking for real albino WA orchids:** Etienne (WANOSCG member from France) is looking for real albino orchids, that is plants that are entirely white, not just flower but have white leaves. These are incredibly rare and in France, with the help of entire orchid community, they found only a few sites. If anyone has heard of or seen one, they should let John Ewing know. *Members are also referred to the September bulletin for more information and Etienne's contact details.*

**9.4 Facebook etiquette and guidelines for use of WANOSCG Facebook page:** Members are asked not to upset others with their Facebook posts and use common sense and common decency when posting and commenting. The committee will undertake a review of issues with a view to providing guidelines for the conduct of the page. There is no obligation for members to divulge the location of their orchid finds, particularly in the case of rare or threatened species. Where location is published it is acceptable to specify only a general area rather than a specific one. Members are reminded that we have the database administered by Ramón Newmann to whom they may provide detailed reports of their finds for entry in the database. In return they may address requests for information to Ramón.

**9.5 New rules concerning volunteer groups assisting DPAW (in relation to ADORP):** This will be addressed at the next meeting.

**9.6 Any other items of General business:** An order for the new badges is about to be submitted (cost \$12.50). Some badges are awaiting collection by new and existing members.

**9.7 Assistance suggested:** It is suggested that new members get a mentor from among the existing membership. It is also suggested that an assistant be designated for the trip coordinator.

**9.8 Renaming of species:** Discussion was held on naming of orchids prompted by recent articles in the magazine Orchid Review.

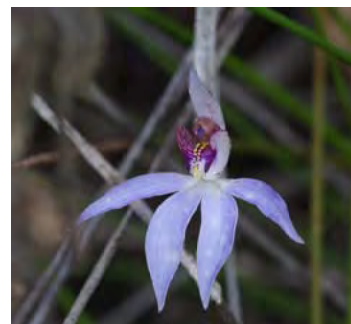
## 10. PRESENTATION:

Paul Winthrop gave a brief outline of *Nature Map* and the *Atlas of Living Australia*.

**RAFFLE DRAW:** Paul Winthrop drew the raffle and the winning ticket was held by Julie Murphy.

**MEETING CLOSED:** 9:25 pm

**NEXT MEETING:** 7:30 pm Wednesday 19 October 2016, BGPA Boardroom, Kings Park.



*Cyanicula aperta*, Ongerup.  
Photo by M. Karyagina



## Conservation Officer Report to 2016 October General meeting

### Current projects:

1. Bunbury Outer Ring road – After discussions with local Group members it appears that *C. speciosa* has reasonable populations in many similar areas that would potentially make translocation of plants from this site unviable.
2. Kemerton buffer Zone – From the recent site meeting with DPaW officers, a satisfactory agreement has been reached regarding burning in the 'proposed reserve' areas. Graeme Walker has agreed to provide a list of species that will help build a case for greater protection of the area. Generally it is an area of high quality undisturbed bushland including swampy sections of excellent orchid habitat.
3. Flynn Drive - Last week with the assistance of Mark Brundrett about 40 plants (*T. campanulata*) were staked/marked and seed bags put on two. These plants will be targeted for seeds and tubers in about a month. We then have to decide on a new location/s. There is a Bush Forever site to the West of the location of the orchids and this is one good option. At the moment the City of Joondalup Parks staff is checking when this site will be fenced and better protected against vandals and trail bikes.

Mark is also keen to have multiple sites to increase chances of success.

We have the developer's written permission for the removal of orchids from this site which will eventually be part of a wider carriageway of Flynn drive.

4. Helena & Aurora Range

Our submission is in preparation. Any new information is welcomed!

### Interesting news on Hollywood Reserve and Shenton Bushland:

Quote from Student Casper Avenant when writing to Mark Brundrett recently "Yesterday I saw 2 orchids in the Hollywood reserve, City of Nedlands that seemed out of place. Firstly, there's a *Caladenia falcata* which appears to be well outside of its range. Secondly, there's a pink spider orchid, which the council and Friends group think is a *Caladenia arenicola*, but I'm not so sure, as the labellum is all pink with not a fleck of white in sight. I have been told that in years past WANOSCG tried to establish a number of orchid species in the reserve, including a small population of *Cryptostylis ovata*, which have persisted for the last 20 years. The *C. falcata* is, however, a bit mysterious. I have worked in Hollywood reserve, and many others in Nedlands as well as other councils, for over 4 years, and thought I knew these reserves well. Last year I also discovered *Thelymitra fuscolutea* as well as *Thelymitra benthamiana* in the nearby Shenton Bushland Reserve. As far as I know, both these reserves have very active Friends groups, but neither they and the council authorities were aware of the *Thelymitras* or the *C. falcata* until I brought them to their attention. My guess is that someone has been at work planting these?"

*Caladenia speciosa*, Kemerton. Photo by M. Karyagina



*Thelymitra campanulata*, Flynn Drive.  
Photo by M. Karyagina

.....continued on the next page



### Clearing Notices:

I continue to view the clearing notices weekly. In the light of recent events in the Shire of Jerramungup it may assist the conservation of native flora when this activity occurs, if we were to respond to each notice with a letter to the applicant setting out the ways to correctly carry out their proposed work, to minimise the effects. This matter is open for discussion.

### Roadside clearing – Jerramungup Shire

We continue to support the efforts of Eddy attendance at meetings and correspondence about the matter.

### Projects under watch:

- Norwest Energy, Eneabba.
- BAJV Bauxite, Morangup/Avon Valley NP.
- Meelup Regional Reserve – Mountain Bike Trail.
- Warwick Bushland - Hockey Stadium construction now well under way with minimal disturbance to the bushland.

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

**Tim Hodgkins, Conservation Officer** (mobile: [REDACTED])



Marked plant of *T. campanulata* with a seed bag, Flynn Drive Neerabup.  
Photo by M. Karyagina

## FIELD TRIP REPORTS

### KOJONUP - 1 (September 17th)

After a frosty morning 25 of us, from all 4 points, met at Farrar Nature reserve in Kojonup.

We found an amazing selection of 24 species of flowers, plus 1 in bud, and 2 identifiable leaves. Unfortunately some of the flowers, particularly *Diuris* were frostbitten. Of particular interest was the finding of the pink and blue *Cyanicula sericea*, different colours of *Caladenia chapmanii*, a purely yellow *Diuris*, *Caladenia stramenichila* and 1 *Cyanicula gemmata* bud.



With lunch in mind we drove to North Myrtle Benn Reserve, and after lunch on the run found a bloody scene of many beautiful *Caladenia filifera*. Again 24 different species of flowers were found, 7 of which we hadn't seen at Farrar.

It was a wonderful day and thanks go to Sue O'Halloran, for leading the trip and Margaret Petridis for coordinating it all so well.

**Pam Goodman**



*Caladenia chapmanii*, unusually coloured *Cyanicula sericea*. Photos by P. Goodman



## KOJONUP - Day 2 (September 18th)



We met Sue again at the Birdwood NR, north of Kojonup at 9.00am. After re-locating some people into 4WD vehicles, we set off down the track and through a wet, boggy area.

The habitat opened up to scattered wandoo woodland with low shrubs and we were all soon photographing some lovely, variable specimens of the Wheatbelt spider, *Caladenia x cala*...the hybrid between *C. longicauda* and *C. falcata*. We also saw both parent species, some variably coloured Joseph's spiders (*Caladenia polychroma*), Zebras (*C. cairnsiana*), Dancing Bees (*C. discoidea*) and Little Laughing leeks (*Prasophyllum gracile*).

Across the track in a damper area we found Bee donkey (*Diuris decremента*), some Shy sun orchids (*Thelymitra graminea*) in early flower and a fading population of an un-known snail orchid, with a few good flowers. Kevin was in his element and a lot of photos were taken. Thanks to Rachel who found the snails...an excellent spotter!

Another interesting spider flower was found and thought to be a hybrid between *Caladenia longicauda* and a *filamentosa*...*C. vulgata* and *C. polychroma* were in the vicinity. The plant had a small thin leaf and an unusual pattern of mixed up calli on the labellum.

At the end of the morning we headed north to another location where we saw the King-in-his-carriage, *Drakaea glyptodon* in flower. This concluded a very enjoyable morning of orchiding.

Thank you to Sue for conducting such a successful field trip over the weekend, with over 40 species seen in some wonderful locations.

**Margaret Petridis**

\*\*PS another interesting find (for some!) was when Heather Hills saw a large brown dugite in the process of eating a bobtail.



From top: *Caladenia x cala*, *Thelymitra graminea*, *C. cairnsiana*, *C. polychroma*, *Pterostylis nana* aff. Photos by M. Petridis



## FIELD TRIP REPORT — FORREST HIGHWAY BURN — 11TH OF SEPTEMBER

A small group of orchid enthusiasts (about a dozen) who attended this excellent trip were rewarded with an orchid bonanza and a visual treat, as the burnt bush was exploding back into life with a magnificent flower display. Organised by Urszula Kokosinska (with some help from George before he ran off to Poland) and then ably supported by Ron Fauntleroy (who seemed to know many of the orchids on a first name basis) and Paul Winthrop.

First stop was at the eastern edge of the Peppermint Grove Road/ Forest Highway bush and there the bountiful visual harvest began. As usual there was plenty discussion around the identity of the spider and donkey orchids and with that in mind the following were seen: *Caladenia flava* subsp. *flava*; *Caladenia georgei* (Tuart Spider); *Caladenia hirta* (Candy Orchid); *Caladenia latifolia* (Pink Fairies) both standard and albino; *Caladenia nobilis* (Noble Spider Orchid); *Cyanicula gemmata* ((Blue China); *Diuris corymbosa* (Common Donkey); *Diuris tinctoria* (Sandplain Donkey); *Eriochilus* sp seeds, *Leptoceras menziesii* (Rabbit Orchid); *Prasophyllum elatum* (Tall leek), *Pterostylis vittata* in seed (Banded Greenhood); and lots and lots of *Pyrorchis nigricans* (Red Beaks) leaves and flowers. Also a possible *Caladenia arenicola* was sighted.

Next stop was Johnston Road where, in addition to many of the orchids from the first site, we also found *Caladenia cairnsiana* (Zebra); *Caladenia occidentalis* (Ruby spider orchid); a hybrid *Caladenia occidentalis* x *nobilis*; *Diuris* sp. Yalgorup and *Diuris* sp. Kemerton.

Then onto the Johnston Road swamp which was clearly suffering from a very hot burn and had little to show apart from the ever present *C. flava* and an unidentified *Caladenia* leaf. Eagle eye Margaret Petridis spotted a *Elythranthera brunonis* bud (Purple Enamel) right next to her car.

Finally into the bush area adjacent where some magnificent *C. georgei* were found as well as across the road where numerous *Caladenia* leaves and buds were seen as well as *Cyanicula sericea* (Silky Blue) and some *Cyrtostylis* leaves. Finally a *Caladenia reptans* subsp. *reptans* (Little pink fairy) was spotted.

By this time exhaustion of the senses and the body was setting in for many so it was decided to call an end to a really excellent day. A few hardier souls did venture off to some other locations down the track ..... but that is another story.

**Jon Warren**



L-R: *Caladenia nobilis*, *Prasophyllum elatum*, Johnston Rd.  
Photos by M. Karyagina

## SEPTEMBER LONG WEEKEND - DAY 1: STIRLING RANGE NATIONAL PARK



The Bluff Knoll Cafe was the meeting place for us orchid hunters on a chilly Saturday September 24. We were in the beautiful Stirling Ranges for a long weekend of searching for orchids.

First stop Mabinup Creek Nature Reserve, on the corner of Salt River Rd and Fromby Rd South. We spread out over the grassy understorey and fossicked there for about an hour finding the different tones of *Caladenia polychroma*, groups of *Caladenia falcata* and scattered *Caladenia longicauda*. Then the excitement started as giant donkey orchids (*Diuris amplissima*) were found, and some extraordinarily beautiful hybrids.

We made our way to Camel Lake and scattered out over the low scrubby shrubs in the chill wind. People were busy discovering more and then more hybrids. We were amazed at the orchids we found, with *Caladenia cairnsiana*, *Caladenia discoidea*, and *Pterostylis* among others.

Time for lunch and the next stop - Red Gum Pass Road and lunch at the spring. This spot was not as abundant as the others, although we searched diligently in the thick scrub. *Caladenia discoidea*, *Caladenia flava* and *Pterostylis* sp. 'crinkled leaf' were found.

On to the last official stop of the day along Stirling Range Rd, in damp low lying country. Lots of mosquitoes! The highlights were a flowering Rufa, and a spectacular tall King spider (*C. pectinata*).

People were dispersing and the group was quite small as we stopped at what we thought was the Abbey track but it wasn't! We intended to walk down the sandy track but were stopped by a flooded track and surrounding areas. We did find the Crab-lipped spider orchid (*C. plicata*), a bird orchid, and some different little clubbed spiders orchids (*C. longiclavata*). But the afternoon light was casting long shadows and reluctantly we headed back to our camps.

By the end of the day we had found 37 orchid species and at least 4 different hybrids!

**Linda Brotherton**



*Diuris amplissima*, *Caladenia x cala*. Photos by M. Karyagina. *C. plicata*. Photo by L. Brotherton.



## SEPTEMBER LONG WEEKEND - DAY 2: BORDEN AND AMELUP AREAS

The day dawns cloudy and we are happy there is no rain. Our first stop along Sandalwood Rd under the shadow of the Stirling Range yields *Caladenia barbarossa*, *Caladenia falcata* and the very pretty *C. barbarossa* x *C. falcata*.

In the burn along Gnowelyn Rd we make two stops. The cats paws are vivid against the sand and the orchids fairly easy to see. Amongst others we find *Caladenia heberleana*, *Caladenia cairnsiana*, *Microtis alba* and what we think are *Caladenia fuscolutescens*. Especially for Marina we also find *Prasophyllum fimbria*.

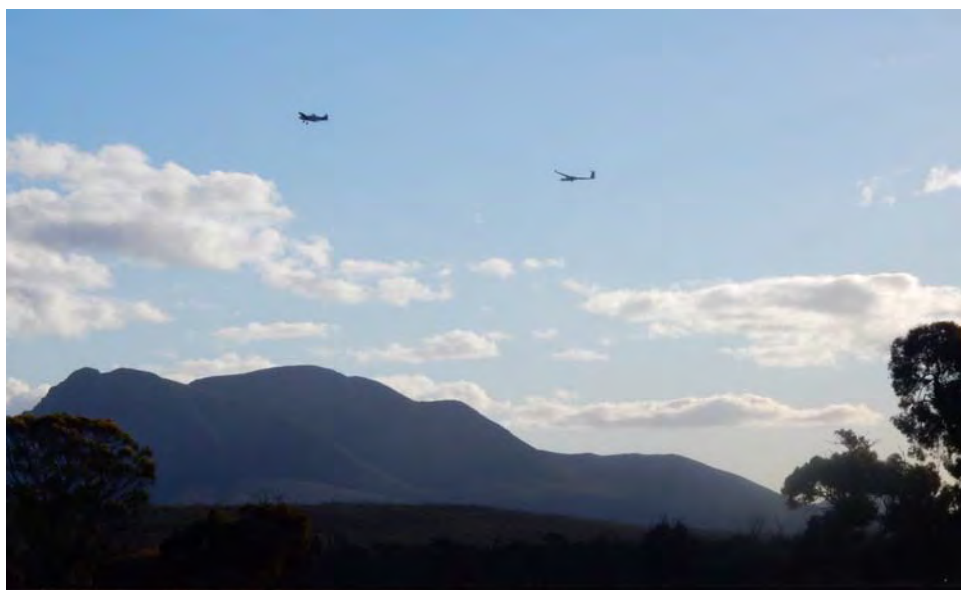
We lunch at Knightwell Rd. Although it's not raining the wind is bitter. There are significant numbers of *Thelymitra psammophila* in bud but we are not at all surprised that it also finds it too cold to be out. We search in all the sheltered spots but to no avail. A lovely *C. flava* hybrid has to suffice.

Our last stop along the Borden / Bremer Bay rd is one of those wonderful areas with lovely trees, wildflowers and orchids. It turns out to be hybrid heaven. For the first time this weekend we see *Caladenia douthiae*. The hybrids are diverse and wonderful, *C. cairnsiana* x *C. polychroma*, *C. douthiae* x *C. polychroma* and *Caladenia* x *cala*.

Our count of hybrids seen for the day gets to 6!

Everyone is reluctant to leave this abundant area but eventually we all wander off to our various accommodation. Ramon and I have an early evening drink with Marina watching the last glider of the day being towed up around the ranges and the sun sets on another interesting weekend.

**Trish Newmann**



Orchids from the top: *Thelymitra psammophila* refusing to open on a cool windy day, hybrid between *C. douthiae* x *C. polychroma*, hybrid between *C. barbarossa* and *C. falcata*.

Above: View of Stirling Range with gliders in the sky. Photos by T. Newmann





Day 4 lake stop.

This year WANOSCG members went on an extended orchid field trip to some of the Eastern granite rocks. We published the account of the first three days of the trip in September bulletin. In this issue Margaret Petridis and John Ewing write about days 4 and 5 of the trip.

### Day 4 - 30th August 2016 Dundas Rocks to Swan Lagoon

After a comfortable night camping in woodlands west of Dundas Rocks, we headed south towards Esperance. Our first stop was at McPherson Rock, behind the Bro-mus Dam. Here we saw *Caladenia sigmoidea*, *microchila* and *flava*; *Diuris hazeliae*, including a few lutea flowers; *Prasophyllum gracile* and snail orchids.

We next stopped near a large lake on the Norseman Lake King Rd where we added *Caladenia roei*, *C x tryphera*;

*Pterostylis mutica* and *Ericksonella saccharata* to our day's tally.

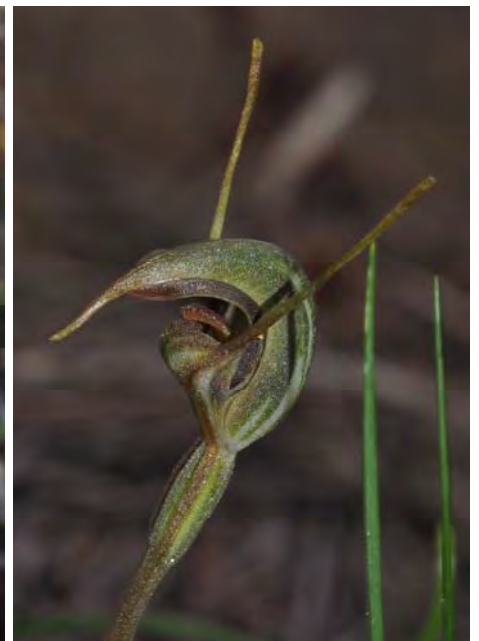
At Moir rock we had a long time exploring and found some populations of *Pterostylis allantoidea* plus some interesting *P. 'rufa'* buds to check out later. There was a bit of drama when I found I had left my small camera somewhere on the rock...and Peter and Anna took me on a wild 4WD ride across the low rocky area to find it, which we did, thankfully!

At Salmon Gums we re-fuelled and had ice-creams to celebrate another great day.

We headed to our campsite at Swan Lagoon mid-afternoon and enjoyed finding the beautiful *Caladenia cruscula* and *C. brevisura* there. There were also plenty of *C. sigmoidea*, *C. microchila* and a couple of hybrids, *C. x tryphera* within the campsite area. A colourful donkey found was identified by Andrew as *Diuris littoralis*, the Green Range donkey.

The Rock Star award was given to Jeanette for finding a large and vigorous population of *Pterostylis allantoidea* at Moir Rock.

**Margaret Petridis**



L-R: *Caladenia sigmoidea*, *Diuris hazeliae*, *Pterostylis allantoidea*. Photos by M. Petridis.





### Day 5 - 31st August 2016

Day 5 began in bright sunshine at Swan Lagoon. From early on (as usual) the enthusiasts were out reviewing and extending the previous afternoon's finds. Areas to the south of the campsite yielded many more *Caladenia cruscula* flowers and many more *Diuris littoralis*, both of which had seen the previous day. Around the campsite were little gatherings of people examining further finds of *C. sigmoidea*. It almost seemed like you couldn't move without seeing even more of these tiny delicacies.

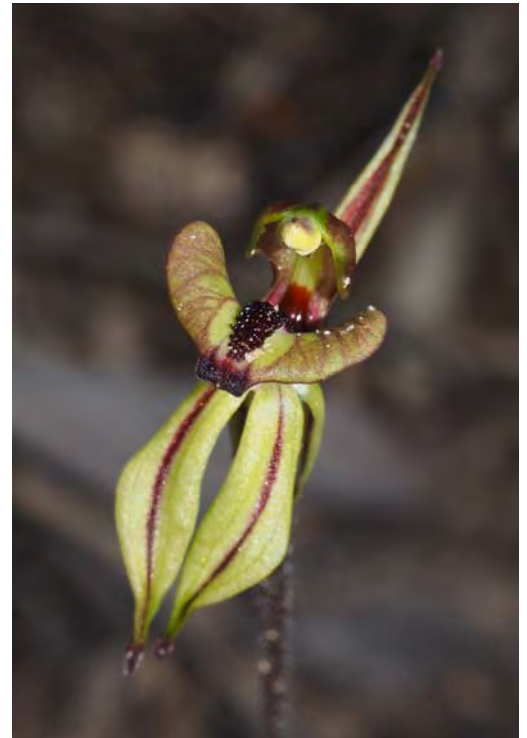
When the convoy finally started moving we were going south along the Norseman-Esperance Road to meet up with Gary Backhouse (member from Victoria) and Peter McCaulay (member from South Australia) who had left earlier to scout out a burnt site. We met them at Phillips Road, a little side road surrounded on two sides by cultivated paddocks of field peas. We proceeded across the highway and within 2 metres found *C. gracillima* subspecies *gracillima*. It was the first of many of these, but the further we delved into the burnt bush the more exciting it became. The first feature was finding *C. graminifolia* and then together with the

previously located *C. cruscula* was the discovery of a hybrid between the two. It seemed everywhere we moved there were other hybrids of *C. cruscula* and *C. gracillima* in a constantly changing array of forms and colours. Another curious find was a very robust *Microtis*. It was just beginning to flower and was not able to be definitely identified, but the size of the plant was most unusual.

Gary Backhouse had been to this site in a previous trip when it was much harder to find flowers. The combination of the heat and smoke from the fire, together with the burning of the understorey plants led him to remark "We may never see it like this again". It certainly was a feast.



Reluctantly we moved on. We turned off the highway onto the Speddingup East Road with the intention of visiting another site along that road only to find it had now been turned into farmland. I guess you lose some. We continued on to reach the road that goes into Cape Le Grande at a place Andrew Brown called "Hill 50". Here began yet another feast in another burnt area. By the time we finished more than 20 different species had been found most of which we had not previously seen on this trip. The highlights included a very large number of magnificent *C. decora* which, as often happens in burnt areas, had a stunning variety of colours. Some more *C. graminifolia* specimens were found and another hybrid this time with *C. longicauda* subspecies *crassa*. Down the slope and into the more damp area was *Microtis atrata* (in their thousands)



Clockwise from left: *Pterostylis mutica* , *Caladenia cruscula*, *C. brevisura*.  
Photos by Margaret Petridis.

and *Eriochilus tenuis* (which strangely were almost white rather than a bright pink). Hosts of *Prasophyllum plumiforme* as well as a range of *P. fimbria* were also located. It was a great spot.

The group now had to decide where to go next, it now being mid-afternoon. As in previous days our schedule continued to be interrupted by road closures due to the ongoing rain. It was decided to try a road going down to the coast to see if we could find a camping spot with the plan to see Wittenoom Hills the following day. We tried one road to Alexandra Beach but encountered some soft patches and the decision was made to try the next road. Daniels road proved to be much the same. After a further conference three sub-groups emerged with one continuing down Daniels Road, one going to Duke of Orleans Bay Caravan Park



*Diuris littoralis*. Photo by M. Petridis



and the others, led by Andrew, returning to Swan Lagoon.

Those at Duke of Orleans Bay Caravan Park arrived early enough to do some preliminary exploring and found *C. insularis* at Little Wharton Bay. They also found *D. pulchella* and a range of other coastal species. The day was a spectacular success despite the disruptions at the end.

**John Ewing**

*....to be continued*

## SPECIAL FEATURE - MEMBERS' PHOTOS OF ALBINO ORCHIDS



### ALBINISM IN PLANTS

Albinism (in biology as opposed to a medical condition) is defined as “congenital absence of any pigmentation or coloration in a person, animal or plant”. Albinism is caused by a genetic mutation and it spells trouble for the albino plant as it is characterised by partial or even complete loss of chlorophyll pigment. When you are a plant, it is difficult to get by without chlorophyll as the latter allows plants to absorb energy from light. The chances of survival for totally albino plants (that is, plants that are totally white, including stem and leaves) are pretty low, indeed.

Nevertheless, although extremely rare but not totally unheard of, some of them do survive and even flower and produce seeds—by using a very different source of energy from the one they normally use. They do so by forming a parasitic relationship with other plants, or in case of orchids—with their symbiotic mycorrhizal fungi.

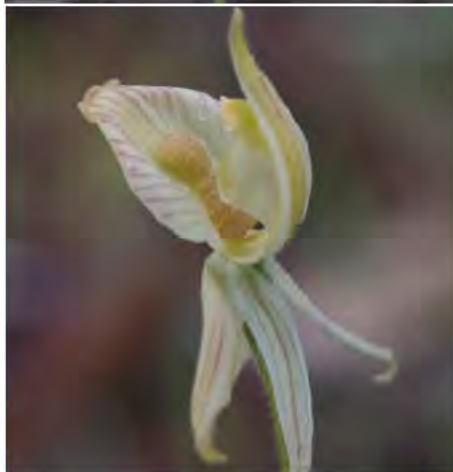
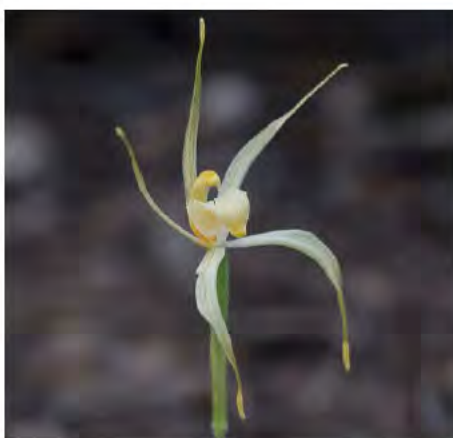


Orchids in these photographs by WANOSCG members, however, are not totally devoid of chlorophyll, so they are not fully albino. Only their flowers are white. These are called albiflora. Plants with albino (or lutes for 'yellow') colour forms can persist for many years and can multiply vegetatively to produce a clump. For instance it is not unusual to find a whole colony of white flowered *Caladenia latifolia*.

**Marina Karyagina (with help from A. Brown and Dr. Google)**



Blue Lady Orchid  
*Thelymitra crinita*  
101016 Darlington WA



Previous page: *Caladenia latifolia* (A. Gye)

This page clockwise from top above: *Prasophyllum cucullatum*, *Elythranthera emarginata* (J. Brown), *C. roei*, *Paracaleana glyptodon* (U. Kokosinska), *C. filamentosa* aff. (M. Karyagina), *Thelymitra crinita* (P. Richards), *C. sigmoidea*, *C. cairnsiana* (W. Gye), *Cyanicula amplexans* (S. Hayman)

Next page: *Caladenia* species (S. Hayman), *Caladenia incensa* (J. Storey)

**Ed:** Thank you to everyone who sent photos in. I will try to publish the remaining ones in upcoming issues.



## MEMBERSHIP FEES FOR 2016

All members are reminded that annual subscriptions are now **OVERDUE**. 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](mailto:wanoscg@gmail.com))

**2016 membership fees are now OVERDUE. If you have not paid, your bulletin subscription will cease.**

Please email any Bulletin contributions to Marina at [wanoscg.newsletter@gmail.com](mailto:wanoscg.newsletter@gmail.com)

**DEADLINE FOR NEXT ISSUE: 2nd of November**



## Upcoming Field Trip List

Month	Date	Location
October	15-16	Boyup Brook/Ruabon
November	5-6	Ongerup

Please contact **Margaret Petridis, Field Trip Co-ordinator** for more info or to register

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## 2016 PHOTO COMPETITION

The WANOSCG 2016 photo competition will be an open competition. That is, any photograph taken in 2016 that contains one or more Western Australian native orchids is eligible. Members will be asked to choose the best orchid photograph.

The maximum size of entries will be 8" x 10" or A4.



See credits on p.15

2016	ROSTERS		SPEAKERS 2016
	Raffle	Supper	
OCT	Bob Steer	Jay Steer	Mark Brundrett, Citizen Science
NOV	Marina Karyagina	Marina Karyagina	Photo competition, Members photos