



# Western Australian Native Orchid Study and Conservation Group

## October 2015 Bulletin

### Thrill of a Find

Orchids...It is no secret that these little flowers have a hold on us, WANOSCG members. Although the season is proving to be on the dry side, a good range of orchids have been seen already and interesting discoveries are being made by members on group and individual field trips.

What a thrill it is to find an orchid you have not seen before. It can be a very rare find, an orchid that not many people have seen or will come across like a mauve orchid photographed by Deb Guger. Sometimes, it is a more familiar orchid, just out of its range, like a crab-lipped orchid found by William Guy on outskirts of Dunsborough. Sometimes, it is a famous hybrid that only grows in a few places (what a beautiful example by Alison Gye below) or better still, an unknown orchid...Yes there are still orchids out there to be discovered, just ask Margaret Petridis about a recent new find.



Bent spider (*Caladenia x resupina*). Photo by A. Gye)

Check the stories and members photos in the bulletin — hope you will enjoy the variety of the orchids seen this season.

### INSIDE:

- Meeting Minutes
- Field trip reports
- Survey assistance
- New orchid names
- Photo feature— hybrids
- And more

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

# WANOSCG GENERAL MEETING MINUTES

## Wednesday 16<sup>th</sup> September 2015

Meeting held at: BGPA Boardroom, Kings Park.

Meeting opened: 7.30pm

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

**ATTENDANCE:** Visitors: 1 Number of members present: 36

**APOLOGIES:** Tom Burbidge, Kevin Uhe, Margaret Petridis

**RAFFLE:** Prize donated by Tom Burbidge

### 1. PREVIOUS MEETING MINUTES

It was moved Margaret Reopen and seconded Matz Dahlkamp that the General Meeting Minutes of 19<sup>th</sup> August 2015, as published in the September 2015 bulletin are a true and accurate record of that meeting. *Carried.*

### 2. BUSINESS ARISING FROM THE PREVIOUS MEETING

**2.1 Octogenarians night:** The October meeting is Octogenarians night –

- i) We need somebody to volunteer to organise the supper.
- ii) We need somebody to organise a cake – Sarah Atkinson has volunteered.
- iii) *Please* contact octogenarians that live near you and ask if they would like transport to the meeting.

**2.2 Website of validated digital photos of all WA native orchids:** The website ([www.wanoscg.com](http://www.wanoscg.com)) is up and images are appearing. See instructions in the August Bulletin for submission. An email address for members to submit orchid photos has not yet been set up. At this stage photos can be given directly to Noel Hoffman on a thumb drive or CD. *Noel asked members to send photos of a reduced size (600x900) and generally in Portrait view. On the name of the photo include the species name Location, date [using format dd/mm/yyyy eg Caladenia arrecta Lesmurdie 26.08.1979.jpg].*

Justin Brown has agreed to insert a link on the photo website to our existing group website.

**2.3 Speakers for October general meeting:** Dieback presentation and pictures from Snail trip.

**2.4 Database:** Work on a revised orchid sighting spreadsheet with drop-down menus that can be imported into the club's database is progressing. It is likely that this will be available later in 2015.

**2.5 Red Beaks (*Pyrochis nigricans*):** Please Contact Emma Dalziell if you have seen any *flowering in the Perth region*

**2.6 Raffle prize for March:** David and Jane Cummings presented a framed panel of embroidery of 14 orchids by Thelma Bridle of South Australia. It will be the Raffle prize at the March meeting which gives us time to advertise it and for all interested parties a chance to win it.

**2.7 Sale of a 1.7ha block at 309 Sevenoaks Street by Cannington City Council.** *See Conservation.*

**2.8 Reminder about Christmas function for 2015:** To be based at Walpole on 21st/22nd November : we will be meeting at the Coalmine Beach Caravan Park, which has a range of accommodation options, as they have a large recreation room that is ideal for a group gathering. We will get together on the Saturday night to share food, photos and stories.

**2.9 Reminder about Keybase online identification keys:** See article by Margaret Collins in August bulletin. Give it a try.

**2.10 Reminder about WANOSCG Photographic competition for 2015:** Photographs are to be of two or more orchid species (or hybrids) in the same field of view. Members are reminded that photographs must be taken in 2015 under natural circumstances and not be the result of "Photoshopping" two or more orchids into a single photograph. Photographs should be 6"x4", 8"x10" or A4 sized and without a mounting or backing. Members may enter up to three photographs.





### 3. TREASURER'S REPORT

For the period 1<sup>st</sup> August to 31<sup>st</sup> August 2015

	MTD (1/08/15 – 31/08/15)	YTD (1/02/15 – 31/08/15)
Income	\$146.05	\$4923.90
Expenditure	\$0	\$1319.70

It was moved Matz Dahlkamp and seconded Noel Clarke that the Treasurer's report as circulated be accepted as a true record of the club's finances. *Carried.*

### 4. CORRESPONDENCE 20<sup>th</sup> August 2015 to 16<sup>th</sup> September 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
14/9/15	Sasha Poli to Tim Hodgkins	Expansion at Neerabup
12/9/15	Tom Burbidge	Field trip report from Dunsborough
2/9/15	Kim and Thea Hanson	<i>Caladenia ambusta</i> Survey -should have been 31st Oct and 1st Nov.
31/8/15 to 1/9/15	Bill Kosky to committee via John Ewing	The spread of <i>Phytophthora cinnamomi</i> (Cinnamon Fungus)
31/8/15	Murray Baker	Vale Fran Gilbertson
27/8/15	Graeme Anderton	Photograph November 2014 Bulletin
25/8/15	Tim Hodgkins and Jon Warren	Reserves list
24/5/15	Jon Warren	Automatic reply: <i>Pyrorchis nigricans</i> sites
24/8/15	Helen Bryant	CCWA Member Group Renewal due 18/9/15
23/8/15	Anna de Haan	List of names of SRG interested in Orchid workshop
23/8/15	Rod Shoesmith	AOC/TQOC Conference in Mackay 19 to 22 <sup>nd</sup> Sept
22/8/15	DNBuy Inc.	Renewal <a href="http://wanativeorchidsociety.net">wanativeorchidsociety.net</a> / \$14.97 automatic bill paid by Don Ward
21/8/15	Jim Parry	New Diuris in Frankland – Chris French's contact
17to27/8/15	Andrew Simpson	Membership Application

#### Business arising from correspondence:

- 4.1 Tim Hodgkins and Phil Hill to visit the area at Neerabup this Friday (18<sup>th</sup> Sept) to survey the area. They will report back to the next meeting.
- 4.2 Email from Bill Kosky about WANOSCG's Dieback procedure – dealt with under general business.
- 4.3 CCWA membership has been paid.

### 5. FIELD TRIPS

#### 5.1 Recent Reports in the bulletin:

8th August 2015 Stirling Ranges	Anna de Haan
8 <sup>th</sup> & 9th August Northcliffe	Margaret Petridis
August Snail trip — Part 1	Margaret Petridis



*Caladenia huegelii*. Photo by J. Spencer

## 5.2 Upcoming Field trips

**September 20<sup>th</sup>:** *Brookton highway*: A Day trip to the burn on Brookton Highway to look for *Cyanicula* sp. 'Dale' and other species. If time permits, we may visit Yarra and/or Qualen Road. Meet at 9.30am where the Bibbulmun track and power lines cross the highway near Omeo Road.

Please advise Margaret by Friday 18th September if you plan to attend.

**September 26-28<sup>th</sup>:** *Perup (near Manjimup)*: We plan to explore areas along/near the Muir highway, including burnt reserves; around Tonebridge, Perup and Boyup Brook. There are 2 rooms still available in the bunkhouse at the Perup Forest Ecology, able to accommodate 4 - 6 people.

**September 29<sup>th</sup> & 30<sup>th</sup>:** Survey work for Walpole DPaW for *Caladenia harringtoniae* and *C. christineae*: We have extended our stay at Perup for 3 nights to enable members to help with these surveys and should have more information soon.

**October 3rd and 4<sup>th</sup>:** *Boddington*: Survey of a reserve near Boddington on Saturday 3rd and if time permits searches in the large burn west of Boddington in the afternoon. Searches of the burn west of Boddington and another one to the south west are planned for Sunday 4th. Members can attend either or both days. Please advise Margaret. (*Ed: This trip has been cancelled due to a paucity of orchids in the area*).

**October 17th and 18<sup>th</sup>:** Northcliffe weekend field trip to look in the large burnt area. Accommodation at the Watermark Kilns north of the town has been booked, it will comfortably house 12 people. An option for camping in the grounds and using facilities is also available.

Check with the Northcliffe Visitor Center (97767203) for other accommodation options.

**October 31<sup>st</sup> / 1<sup>st</sup> November:** survey work for *C. ambusta* (formerly *Caladenia* sp. *Boranup*) for ADORP members.

**November 7- 8<sup>th</sup>:** survey work for *T* sp 'Ongerup' for ADORP members

**November 21<sup>st</sup> and 22<sup>nd</sup>:** *Early notice of break-up field trip Based in Walpole*: we will be meeting at the Coalmine Beach Caravan Park, which has a range of accommodation options, as they have a large recreation room that is ideal for a group gathering. We will get together on the Saturday night to share food, photos and stories.

Members wishing to attend a field trip or requiring further information please contact Margaret Petridis on [REDACTED].

## 5.3 Personal Field Trips:

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

- Tom Burbidge via email: At Dunsborough there was *Diuris corymbosa* and *D.* sp 'Dunsborough' ("I believe this is now called something else but I don't have the new name" (This species is now called *D. jonesii*).
- Ross and Margaret Fox – have been to the burns on Brookton Hwy and York Road – found very little. At Charles Darwin Reserve found 7 species including *Thelymitra petrophila* x *T. antennifera* hybrids. On the return from Eurady survey they found *T. pulcherrima* just south of Mullering Brook on the Brand Hwy.
- Kevin and Margaret saw *Paracaleana lyonsii* and *alcockii* in both flower and bud. They also had a successful survey for *Caladenia cristata*.
- Pat Richards has continued to add to species found in the Darlington area, including *C. footeana* and *D. decorementa*.
- Paul Winthrop has been along the West Talbot road and seen *C. footeana* and *C.* sp. 'Wandoo'. On Old Plains road he has seen many *C. denticulata*.
- Jay and Bob Steer recently surveyed Old Plains road and found many *C. denticulata* in both red and yellow forms (The 'red' form is most probably subspecies *Rubella*). In addition they found 14 other common species.
- Margaret Reopen has found *C. paludosa* and a range of other species in Kenwick wetlands.
- Eddy and Donna Wajon reported having *Cyrtostylis robusta* in flower at their property at Tenterden in September. This is very late for this to be in flower. Also at their property at Chigerup they have found *Pterostylis picta* in flower in an old previously grazed paddock. Another surprise.

- Noel Hoffman and Justin Brown went on a bit of a south west tour and saw amongst other things *Dk isolata*, *C melanoma*, *C multiclavia*, a range of *C polychroma* and a number of its hybrids, *C bryceana bryceana* and *C plicata*.
- Ross and Margaret Fox also reported having met a Turkish couple who were exploring for orchids. They are intending to return next year (given good rains) and bring a group of other enthusiasts from Turkey. They will hope to make contact with WANOSGC.

## 6. CONSERVATION

**6.1 Sale of a 1.7ha block at 309 Sevenoaks Street by Cannington City Council:** Following discussion about this block at the August meeting Margaret Repoen went to the site, which she knows quite well. There are no orchids at Lot 309 Sevenoaks and to her best knowledge no other orchids of note in any of the other nearby bush areas, most of which are quite degraded.

**6.2 Special feature on Local Reserves Island Point Reserve by Eric Swarts is in the Bulletin:** Eric reported that it has been quite a good year for *C. swartziorum* and that he has also found *C. heugelii* in flower in the Reserve.

**6.3 Perth Darwin:** Hwy Eddy Wajon reported an environmental impact statement for the section of Perth Darwin Hwy just north of Perth was out for comment.

**6.4 Warradale Rd:** Paul Winthrop asked if the impact of “ripping” at Warradale Rd (off Brookton Hwy) was as bad for orchids as the off road vehicles it was designed to stop.

**6.5 Weeds:** John Ewing reported that the treatment of *Watsonia* plants at Asplin Bridge on the Boyup Brook/Arthur River Road (about 13km NE of Boyup Brook) has been successful. All the *watsonias* treated have died and many of the *D amplissima* are now coming up (not yet in bud).

## 7. GROWER’S TABLE: nil

## 8. GENERAL BUSINESS

**8.1 WANOSGC’s Dieback procedure - email from Bill Kosky:** Although living in Victoria, Bill, has been a member of WANOSGC for many years. While on the ‘snail’ camping trip he noted the laxness of our dieback procedures and in an email to the committee asked that we review them. Jay gave an outline of what is being done by ANOS Victoria, including a synopsis of the advantages and disadvantages of the product ‘Phytoclean’ which Victorians are using. Jay will write to Bill thanking him for his concerns and outlining what we are now proposing to do. During the discussion that ensued Jay suggested that we need to progressively change the culture of the group in this matter. This view was reinforced by Eddy Wajon who described the measures he has taken to protect his bush property at Chingerup. He emphasised the need for a more disciplined approach by members of the group. Jay concluded the discussion by reminding members that more is to be considered at the next General Meeting including showing a DPaW powerpoint presentation on this topic.

There were no other items of general business.

## 9. PRESENTATION

John Hills gave us an interesting talk titled ‘Timeline for Rocks and Orchids’. He outlined some of the geological history of WA and in particular the Yilgarn Block. He demonstrated that the location of 2 of the ADORP species he is looking at [*C. postea* and *T. yorkensis*] are linked to very ancient geological structures which have influenced the present day habitats and thus the location of these two species.

**RAFFLE DRAW:** John Hills drew the raffle and the winning ticket was held by Matz Dahlkamp.

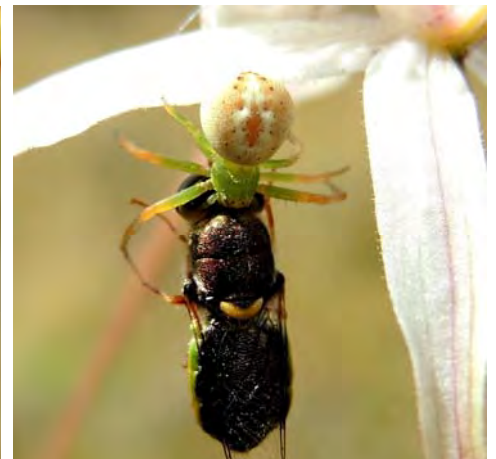
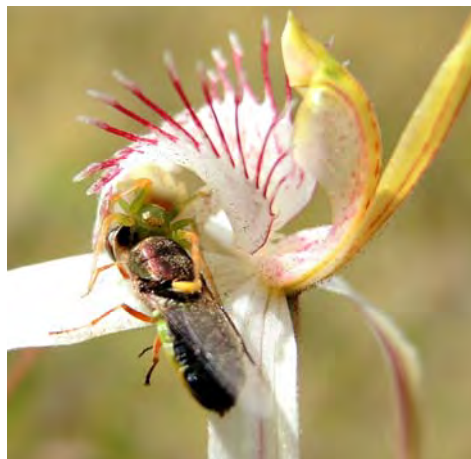
**MEETING CLOSED: 9.30pm**

**NEXT MEETING: 7:30pm Wednesday  
21<sup>st</sup> of October**

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It is a dangerous job—pollinating white spiders.

Photos here and on p. 2 are by Su Hayman





## FIELD TRIP UPDATE

Below are details on some of the upcoming field trips. Members wishing to attend or for further information please contact Margaret Petridis on

### OCTOBER 17TH AND 18TH: NORTHCLIFFE

Saturday 17th will be spent in the burnt area south of Northcliffe. On Sunday morning we will explore down Deeside Coast Rd and out to the SW highway (unless otherwise advised).

Accommodation has been booked for 12 people at the Watermark Kilns north of Northcliffe, and we still have room for 2. Contact Margaret Petridis to book.

Other accommodation is available at the Northcliffe hotel/motel, Riverway Chalets and the caravan park. Contact the Northcliffe Visitor Center for information on 97767203.

As usual, please advise Margaret if you plan to attend the field trip.

### OCTOBER 31ST AND NOVEMBER 1ST: BORANUP

Surveys for *Caladenia ambusta* near Boranup. ADORP members only...FULL.

### NOVEMBER 7TH AND 8TH: ONGERUP

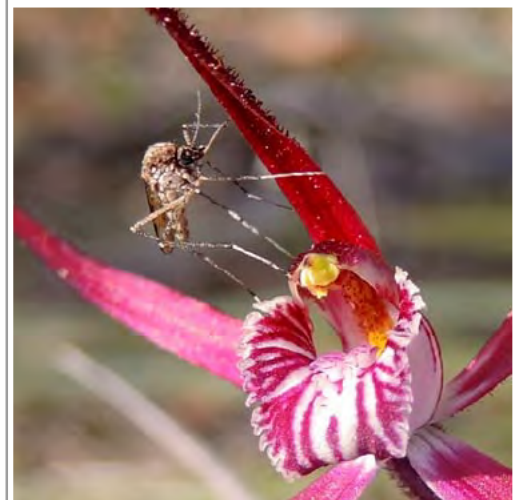
Surveys for *Thelymitra* sp. 'Ongerup' near Ongerup. ADORP members only. Contact Kim Hanson if able to assist.

### NOVEMBER 21ST AND 22ND: SEASON END BREAK UP WEEKEND AT WALPOLE

We will explore various locations around the Walpole area and in the 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 of your intention to attend.



*Caladenia pulchra* (perhaps).  
Photos by S. Hayman

## NEW PTEROSTYLIS RUFA NAMINGS

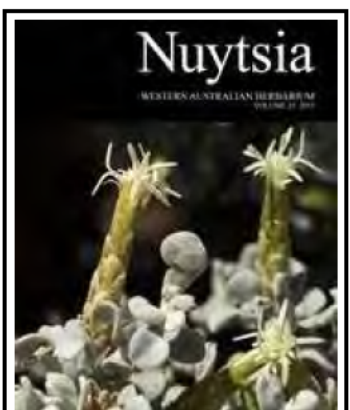
By Kevin Uhe

In previous editions of the Australian Orchid Review Davis Jones and Chris French named a number of rufa under the *Oligochaetochilus* complex. This name is not recognised by the WA Herbarium and the new namings have now been placed under *Pterostylis* in Florabase.

For members information the new names are as follows:

<i>Pt. elegantissima</i>	previously known as <i>Pt. sp. 'elegant'</i>
<i>Pt. macroseles</i>	previously known as <i>Pt. sp. 'slender rufa'</i>
<i>Pt. perculata</i>	previously known as <i>Pt. sp. 'Ongerup'</i>
<i>Pt. exserta</i>	previously known as <i>Pt. sp. 'exserted labellum'</i>
<i>Pt. hadra</i>	new taxa not previously recorded in WA Herbarium
<i>Pt. zebrina</i>	previously known as <i>Pt. sp. 'striped'</i>

Note: *Pt. hadra* is a rare species and is currently only known from one site. It is related to *Pt. spathulata* but differs in less hairy and smaller flowers, narrower petals and



If you would like to purchase Nuytsia Vol. 25 and/or 26 (2015) please use the link below and complete the form before 30th October 2015 <http://goo.gl/forms/w1ERVXEtIz>.



*Caladenia douthiae* (top) and *C. bryceana*.  
Photos by J. McKenzie

Juliet's photos of hybrids on p. 15 are from this trip.

### SOUTHERN RIVERS GROUP — Cape Riche and Pallinup, Sunday 6th September 2015

Heading east along the South Coast Highway we made our first stop, however, after 20 minutes we had nothing to show for our concerted efforts. Off we went to our next stop only to come to an abrupt halt as we sighted "Eastern Staters" hunched over some bushes busily photographing on the corner of a side road only a couple of hundred meters from our original first stop. We just had to make this our second stop. Within minutes, we had our first orchids and were left wondering what the other car had stopped for as no orchids were found where they were looking. Must have been all the other wildflowers that took their interest.

Our list now included *Lyperanthus serratus* (Rattle Beaks) just starting to burst into flower, whilst nearby there was one *Caladenia fuscolutescens* (Ochre Spider) and many *Diuris laxiflora* (Bee) flowering whilst *Cal. pectinata* (King Spider) had gone to seed.

Still heading east along a gravel road to the Edward John Eyre obelisk. Here we were all smiles with the sheer number of orchids including *Cal. pectinata* (King Spider), *Cal. cairnsiana* (Zebra), *Pterostylis recurva* (Jug), *Cal. reptans* subsp. *reptans* (Little Pink Fairy), *Cal. falcata* (Fringed Mantis) and *Diuris laxiflora* (Bee).

Arriving at our next stop at the end of the gravel road a quick snack was eaten before starting on the nearby walking tracks where we were spoilt for the range of orchids. A real surprise was one *Cal. douthiae* (Purple Veined Spider), or was it a near relative as all habitats described in "the books" did not fit the location nor the range of distribution. *Cal. longicauda* subsp. *australora* (Southern White Spider), *Elythranchia brunonis* (Purple Enamel), *Diuris* sp. 'South Coast' (South Coast Donkey), *Thelymitra flexuosa* (Twisted Sun), *Caladenia flava* subsp. *flava* (Cowslip), *Thelymitra antennifera* (Vanilla Sun), *Ericksonella saccharata* (Sugar), *Pterostylis* sp. 'slender' (Slender Snail), *Pt. turfosa* (Bearded Bird), *Cal. polychroma* (Joseph's Spider), *Pt. vittata* (Banded Greenhood), *Cal. barbarossa* (Common Dragon), *Cal. vulgata* (Common Spider), *Diuris corymbosa* (Common Donkey) and a *Caladenia* hybrid were added to the list.

Lunch back at the picnic spot shelter was enjoyed before our second loop where many of the above listed orchids were again seen. Back in the car and heading north we stopped on the edge of the Wellstead town site. Three *Cal. heberliana* (Heberle's Spider) were found.

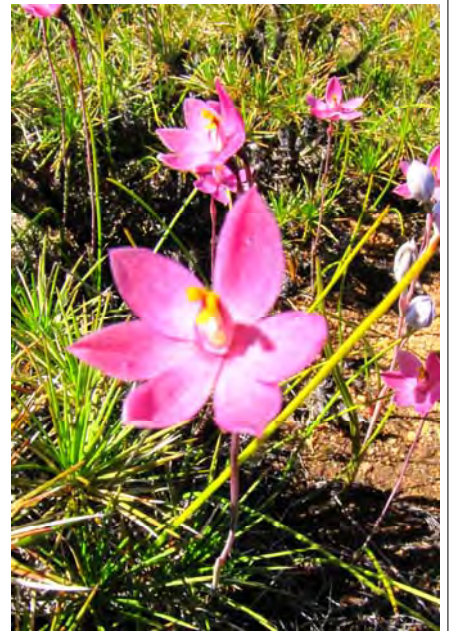
Onto the South Coast Highway again to our last stop at a river crossing. Here we added *Cal. bryceana* subsp. *bryceana* (Dwarf Spider) and *Cal. longicauda* subsp. *eminens* (Stark White Spider) to our list. Even though we had a slow start, the field trip was very successful with the sun adding warmth to the day.

Anna de Haan



## FOXES AUGUST TRIP

We set out along the Brand Hwy on the 16th of August for the survey at Eurady Station. We stopped at several burnt areas and were very disappointed as there were only a few common orchids to be found, mostly *Caladenia flava* and a few *Pheladenia deformis* and a few scattered leaves. North of Cataby we stopped at a site we had been to over 10 years ago and found 2 plants of *Thelymitra pulcherrima* with one open. Further north due to rain they had closed. We stayed at Western Flora for 2 nights and explored the area finding lots of *Diuris tinkerii* and *recurva*. There were many *Caladenia denticulata* subsp. *denticulata*, some *C. occidentalis*, *C. roei*, *C. longicauda* subsp. *albella*, *C. radialis*, *Cyanicula amplexans* and *gemmata*. Past the Murchison River we found *Pterostylis rufa* (Burtons), then settled in at Eurady along with 6 others.



The next morning we piled into 4 vehicles and started our survey looking at the known areas. Due to late rains there were only scattered orchids over the whole property. We found *Caladenia bryceana* subsp. *cracens*, *C. barbarella*, *C. flava* subsp. *maculata*, *C. incensa*, *C. nobilis*, *C. roei*, *C. wanosa*, *C. vulgata*, *C. wanosa* x *C. vulgata*. *Diuris recurva*, *Paracaleana* leaves and buds, *Prasophyllum gracile*, *Pterostylis* sp. 'Murchinson', *Thelymitra antennifera* and buds of other orchids.

On to the Z Bend at Kalbarri NP where only a few orchids were found, and on the way out and along the main Road at some burns we found *Caladenia wanosa*, *C. flava* subsp. *maculata*, *C. reptans* subsp. *impensa*, *C. vulgata*, *Paracaleana terminalis*, *Pterostylis* sp. 'inland', *Thelymitra antennifera* and *spiralis*. We carried on to E. Yuna school site but could not find any orchids there.

Stopped at Pinda and overnight and next morning found the new site for the Wreath flowers. On to Coal Seam and found *C. hirta*. Mingenew was also a disappointment, so next stop was Perenjori for 3 nights. Orchid Ridge and Camel Soak yielded very few orchids, mainly *Caladenia flava*, *Diuris hazeliae* and *recurva*, *Cyanicula amplexans*, *Prasophyllum gracile*, *Pterostylis* sp. 'inland', *Thelymitra antennifera* and *petrophila*.

At Caron Dam we fared better, seeing *C. dimidia* and albinos, *C. hirta* subsp. *rosea*, *C. pendens* subsp. *pendens*, *C. vulgata*, *D. hazeliae*. We spent 2 nights at Charles Darwin Bush Heritage Reserve and only found 7 species due to little rain in the area. There are several roads around the reserve, mainly 4 x 4 only. Some we were advised not to go on due to poor conditions. There are breakaways and rocky outcrops in these areas. We found *Caladenia roei*, *Cyanicula amplexans*, *D. hazeliae*, *Prasophyllum gracile*, *Pterostylis* sp. 'inland', *Thelymitra antennifera* and *petrophila* and the best find was in a small patch—21 *antennifera* x *petrophila*.

Next morning we set out along the Great Northern Hwy towards Paynes Find to look for *Cyanicula fragrans* - no luck.

Next stop Wongan Hills for 2 nights, where we found *Caladenia denticulata* subsp. *denticulata*, *C. dimidia* and *pulchra*, *Diuris recurva* and *refracta*.



On our last day we set out for Uberin Rock about 30 km north of Dowerin stopping along the way at Dingo Rock and other flat rocky outcrops on which we found 100s of *Caladenia denticulata* sp *denticulata*, some *roei*, *longicauda* subsp. *eminens*, *C. hirta* subsp. *rosea*, *C. radialis*, *Pheladenia deformis*, *Prasophyllum gracile*, *Thelymitra antennifera*, *Diuris recurva* and *refracta* and about 12 unusual dark coloured donkeys all with the labellums facing down (a possible form of *refracta*!!!).

Ross and Margaret Fox

<< *Diuris* sp; *Thelymitra antennifera* x *petrophila*. Photos by R. Fox



## SNAIL TRIP — PART 2 (Days 4-6)

## DAY 4: MT RIDLEY TO THOMAS RIVER 18th of August

After overnight rain, we awoke to a bright, fresh morning and, after packing up camp, spent some time exploring the habitat around the base of Mt Ridley. We found *Pt. timothyi*, *Pt. sp. 'inland'*, *Caladenia horistes* and *pachychila*.

We headed out along the wetter and slushy track to face the boggy section again. It had been churned up by our convoy the day before and now contained more water due to the overnight rain. We were most concerned about George and Ursula's smaller car getting through, so it had a tow rope attached and looked wrapped up like a Christmas present before heading in. Luckily the tow rope was not needed, as they sailed through without any problems and were shortly followed by all the other vehicles.

We did a detour to avoid other potentially boggy patches and next stopped at the corner of Eld and Burdett Rds. We enjoyed searching on both sides of the roads and found *Pt. parva* and *timothyi*, (giving us a chance to compare the plants and flowers), *Ericksonella saccharata*, *Cyanicula aperta*, an un-named *Caladenia aff. hiemalis* and, surprisingly, *Eriochilus scaber* subsp. *scaber*.

Our next stop was Orleans Bay where we parked overlooking the spectacular view and then explored on and around the large granites nearby. Here we saw *Pt. sp. 'Cape le Grande'*, *Pt. sp. 'coastal clubbed sepals'*, *Diuris pulchella* and *Caladenia longicauda* subsp. *insularis* in bud.

We headed to the Thomas River crossing on Merivale Rd and searched along the banks of the river. We found an un-named white spider (*longicauda* subsp.), an un-ID snail, *Pt. sp. 'Cape le Grande'* and *Diuris decremента* just coming out.

After that, we headed to the camping area at Thomas River and settled in.



L-R: *Pterostylis* species - 'Coastal clubbed sepals', 'Cape le Grande', *voightii*

## DAY 5: THOMAS RIVER TO ESPERANCE

19<sup>th</sup> August

In the morning we explored the campsite and along the roadway, where we found *Caladenia latifolia*, *Cyrtostylis robusta*, *Corybas despectans* and *Caladenia bicallata* subsp. *cleistogama* in bud. We ventured up the Len Otte track onto large granites, finding *Caladenias* and *Thelymitras* in bud, and some unknown snail orchids. We





next headed to Dunn Rocks on the coast where we had some difficult climbing through the terrain and some of us did not make it through to the top of the rocks. Several snail orchids were found here, including **Pt. voigtii**, as well as the **Esperance bird** orchid in bud, **Diuris pulchella** and **Microtis atrata** in the wet run-off area.

The next stop was at another granite rock along Merivale Rd where we added **Caladenia decora**, **heberleana** and **vulgata** to our daily list. Near Frenchman's Peak we stopped at a low wet area looking for snail orchids but did not find them. We did however, find tiny **Cyrtostylis** leaves and then buds, before seeing one plant of **Cyrtostylis tenuissima** in flower. **Prasophyllum macrostachyum** was also in this area...two lovely surprises!

Our last stop before heading into Esperance was for a walk along a sandy track off Stockyard Rd where we found two un-named snail orchids: **Pt. sp. 'coastal clubbed sepals'** and **Pt. sp. 'bloated short sepals'**. After this, we all headed into Esperance to our various places of accommodation and enjoyed our first hot shower for a few days!

#### DAY 6: ESPERANCE TO HAMERSLEY INLET 20<sup>th</sup> August

We started the day at the Rotary Lookout on Dempster Head where we saw **Pt. sp. 'coastal'**, **Corybas limpidus**, **Diuris conspicillata** and **Caladenias longicauda subsp. crassa**, **graminifolia** and **latifolia**.

The next stop was at the Munglinup River crossing on the highway where we found **Pt. timothyi** and an un-named snail, as well as **Diuris sp. 'Green Range'** and **Diuris sp. 'south coast'**.

At our lunch stop at Munglinup Beach, we were excited to find **Caladenia bicallata subsp. cleistogama** in advanced bud and...finally, one open! We also saw **Pt. rogersii** and other previously seen orchids. We then stopped along the Munglinup Beach road at a very wet drainage line and found a new snail species for the trip...**Pt. lortensis**. We then headed for our campsite at Hamersley Inlet which turned out to be a well appointed camping ground with new toilets and a camp kitchen. On the way we stopped at the old camping area to look for **Corybas sp. 'Hamersley Inlet'** which Andrew first found there in 1998. We first found some snail orchids, **Caladenia graminifolia**, **microchila** and **discoidea** and then....some good patches of the **Corybas** with a small percentage in flower.

Andrew was very pleased that we found the **Corybas** and told us that very few people have ever seen this species, so we felt very privileged and lucky to have seen it.

Some people stayed in Hopetoun that night but those of us who camped enjoyed a lovely evening under a clear starry night.

TO BE CONTINUED....

*Margaret Petridis*

From top: **Corybas** species - *despectans*, *limpidus*, 'Hamersley Inlet'.  
All photos are by M. Petridis. More photos on next page.





From top (L-R): *Cyanicula aperta*,  
*Diuris pulchella*, *Caladenia hor-*  
*istes* (luteal form),  
 unnamed subsp. of *C. longicauda*,  
*D. conspicillata*, *C. graminifolia*,  
*C. bicalliata* subsp. *cleistogama*.  
 Photos by M. Petridis

## SOUTH BOKAL — September 12-13

We were fortunate this year to be invited to survey a private bush property near South Bokal belonging to Bernie and Carolina Masters.

The dates were set for the 12<sup>th</sup> and 13<sup>th</sup> of September and, despite a poor weather forecast, a few intrepid members arrived on the Friday night and hunkered down to weather the almost continual rain. The next morning dawned bright and sunny and we were joined by around 15 other members and then our hosts at lunch time.

We first explored a large area just inside the gate and down to a low gully, with variable habitats. Despite the dry season, we found 18 orchid species in this area, including **Caladenia discoidea** and **nana/nana**; **Diuris porrifolia**, **Pterostylis recurva** and, surprisingly, **Leptoceras menziesii** in flower. At another stop further south we added **Caladenia falcata**, **flava** and **cairnsiana**; **Cyanicula sericea** and **gemma** (including an albino china), and **Thelymitra antennifera**.

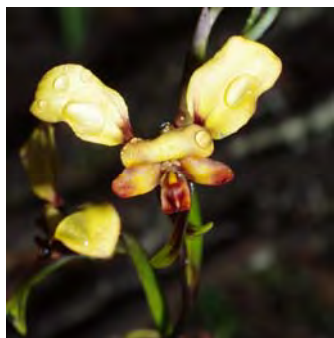
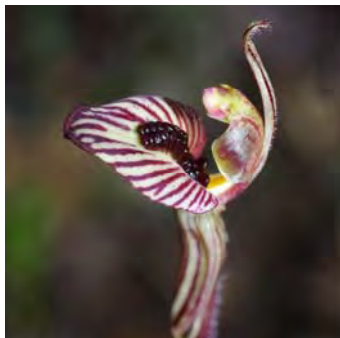
Our lunch break was held at the campsite and our hosts erected some pergolas for shelter, which was very welcome. Around the campsite area we found **Caladenia stramenichila**, **xantha**, **vulgata** and **pendens/pendens** as well as one flowering plant of **Pyrorchis nigricans**. After lunch, we explored the sandy corner area which was quite dry and did not add any species to the list. Those members staying elsewhere headed off late afternoon and the campers all enjoyed a pleasant evening around the campfire following a BBQ tea.

On Sunday morning Bernie and Carolina led us on an extended walk over different areas of the block with varying terrain. In a white sandy area we located **Drakaea glyptodon** and a bud of **Paracaleana triens** as well as a confusing array of small white filamentosa spiders. More chinas, including some white ones, and donkeys were found. It was interesting to find about 5 flowering plants of **Pyrorchis nigricans** overall, despite the bush being unburnt. A major highlight was finding flowering plants of **Prasophyllum hians** (thanks Deb), which neither of our hosts had seen before. They were thrilled to find it on their own property.

Overall, we ID 38 species of orchids during the surveys and clarified a few orchids on the Masters' previous list, and they were very pleased with the results. A spreadsheet of the orchids found has been forwarded to Bernie and Carolina. All who attended enjoyed the experience, and we have been asked to return another year to see what we can find after better rainfall.

Thank you to Bernie and Carolina for their invitation and hospitality, and thank you to all members who attended and assisted with the surveys.

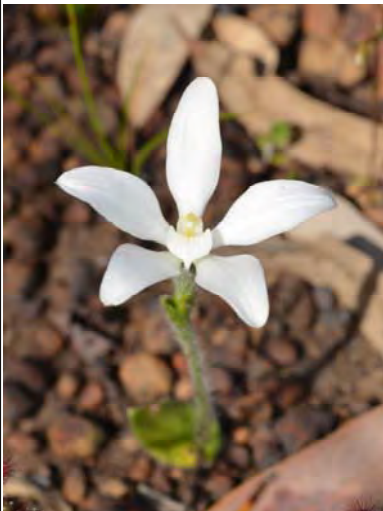
Margaret Petridis (Field Trip Co-ordinator)



Clockwise from top left: *Caladenia discoidea*, *C. cairnsiana*, *Diuris porrifolia*, *Prasophyllum hians*, *Drakaea glyptodon*, *Caladenia flava*. Photos by M. Petridis



## BROOKTON HIGHWAY — September 20



*Caladenia uliginosa* subsp. *candidans* (top); *Cyanicula gemmata* (albino form). Photos by K. Uhe

A keen group of members met along Brookton Highway and proceeded to search in an area that had been burnt the previous summer.

A low area produced a few donkey bee orchids, rabbit orchids and a number of *Caladenia* buds. There was conjecture on what these might be and consensus was that they could be the Christmas spider (*C. serotina*) which has been seen along Brookton Highway in similar areas.

Coming out of the low area John Ewing spied a group of china orchids and further searching revealed a large number of chinas with colours ranging from albino white to dark blue/purple. One purpose of the trip was to try and locate populations of the Dale china but inspections of the underside of the leaves revealed they were *Cyanicula gemmata*. Other orchids found in the burn included the tall leek (*Prasophyllum elatum*), clubbed spider (*C. longiclavata*), white spider (*C. longicauda* subsp. *longicauda*), little pink fan (*C. nana* subsp. *nana*), purple enamel (*Elythranthera brunonis*) and cowslips (*C. flava* subsp. *flava*).

It was then decided to go to Qualen Road where members roamed around for a few hours. Due to the dry winter the number of orchids was much less than normal though a number of different taxa were seen. Main orchids seen included the hybrid between *C. longicauda* and *C. falcata* (*Caladenia* x *cala*, see photo on p. 15), stark white spider (*C. longicauda* subsp. *eminens*), Talbot's spider (*C. pendens* subsp. *pendens*), northern darting spider (*C. uliginosa* subsp. *candidans*), dainty leek (*Pr. plumiforme*), Custard sun (*T. villosa*), bee donkey (*D. laxiflora*), purple enamel (*Elythranthera brunonis*) and cowslip (*C. flava* subsp. *flava*).

Despite the dry conditions it was pleasing that a good variety of orchids were located over the course of the day and all agreed it was a good outing.

Kevin Uhe

## News from Dunsborough — Good and Bad

This picture of crab-lipped spider (*Caladenia plicata*) was taken near Dunsborough, well out of the reported range for this orchid. William Gye who took the photo writes: 'I know this spot very, very well and have never seen one there before...this one was dark and tiny – about ½ the size of the ones you get along Muir Hwy & Mt Barker'.

Other news from Dunsborough are not very exciting — there are roadworks happening along Caves Road, affecting many orchids that grow in that area including Giant spider (*Caladenia excelsa*) which is a Threatened species. Whilst an environmental management plan for roadworks is in place (see photos on the next page), it is difficult to be gentle and precise when heavy machinery is involved.

Marina Karyagina



**DIURIS PURDIEI SURVEY: FORRESTDAL — SEPTEMBER 23**

Fourteen members met with DPaW officer Fiona near the Armadale Golf Course to survey the nearby burn for *Diuris purdiei*.

It was noted by members who had seen this species here before that the main area it had been previously found in had not been burnt, the burn this year was in mid-May and not summer, and did not appear to be a hot burn. Previously the orchid had been found in flower here in mid-October.

After 3 hours of walking through the burnt area we had found 12 species of orchids, but no plants of *Diuris purdiei*. We concluded that the burn was too late, too cool and did not burn the right area.

A few people suggested we return in mid-October just to check again, but realistically, we are not expecting to find *D. purdiei*. The many *Prasophyllum drummondii* plants we found in bud will probably be flowering in mid-October and will be quite spectacular, so would be worth a visit. Other orchids seen were 2 *Thelymitras*, 3 *Microtis*, Bee *Diuris*, 2 *Caladenias* and *Pt. glebosa*.

**SURVEYS FOR 'T' SPECIES WITH DPAW — SEPTEMBER 29-30**

After the Perup long weekend field trip, a group of members stayed an extra 3 nights at Perup Ecology Center in order to assist Janine from DPaW Walpole with some surveys.

**TOOTANELUP NR**

This reserve was burnt by DPaW in April 2015. It has a known population of a 'T' species *Caladenia* and DPaW had another 23 orchids listed as occurring in the reserve.

Janine wanted a survey done through the whole reserve, so divided us into 4 groups and gave us maps of various areas to walk through. The lack of good winter rainfall has had a negative effect on the numbers of orchids in the reserve but we located many different species.

Overall, we found 48 species with some of the *Thelymitras* in bud needing to be checked and ID later. The population of the 'T' orchid was located but all flowers had finished.

**NORNALUP ROAD**

After checking a known population of a 'T' *Drakaea* species, we explored side roads off Nornalup Rd looking for more. We were excited to find 4 new populations with one around 50 plants. Other *Drakaea* species and *Paracaleana nigrita* were also found in good numbers.

In the afternoon, we checked in a swampy area for a population of a 'T' *Caladenia* found there almost 20 years ago and not seen for some time. We located some plants in flower and bud, with some seedlings nearby, so we were very pleased with that.

*Margaret Petridis*



Protection measures for *Caladenia excelsa* at Caves Rd roadworks. Photos by M. Karyagina





Some of the hybrids photographed by members. Clockwise from above: *Caladenia x cala* (M. Petridis); *x Cyanthera glossodioides* (D. Gugerl); *C. hopperiana* x *C. longicauda* (M. Karyagina); *C x enigma* (J. McKenzie); *C flava* x *C reptans* (M. Karyagina); *C x resupina* (A. Gye); *C. douthiae* hybrid (J. McKenzie); *C x idiastes* (W. Gye)





## BULLETIN ARTICLES

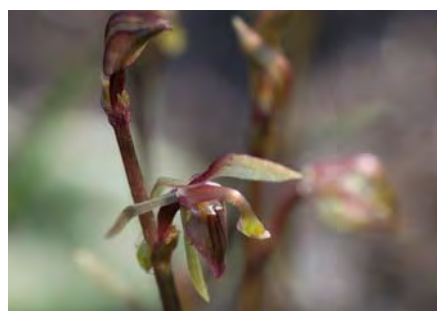
Please email any Bulletin contributions to Marina at [wanoscg.newsletter@gmail.com](mailto:wanoscg.newsletter@gmail.com). Items for the next Bulletin need to be submitted by 1st November 2015.

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## Upcoming Field Trip List

Month	Dates	Description
Oct	17-18	Northcliffe field trip to look in the large burnt area
Oct-Nov	31-1	Surveys for <i>Caladenia ambusta</i> near Boranup. ADORP members only...FULL
Nov	7-8	Surveys for <i>Thelymitra</i> sp. 'Ongerup' near Ongerup. ADORP members only
Nov	21-22	Season end field trip—Walpole



Clockwise from above: *Caladenia gardneri*, *Cyrtostylis tenuissima*, *Calochilus uliginosus*, *Thelymitra flexuosa*.  
Photos by W. Gye

## Octogenarians' Night Reminder

Dear members, October meeting is the Octogenarians' Night. Offer a lift to your fellow octogenarian!

## WANOSCG photographic competition for 2015

Photographs are to be of two or more orchid species (or hybrids) in the same field of view. Members are reminded that photographs must be taken in 2015 under natural circumstances and not be the result of "Photoshopping" two or more orchids into a single photograph. Photographs should be 6"x4", 8"x10" or A4 sized and without a mounting or backing. Members may enter up to three photographs.

2015	ROSTERS		SPEAKERS 2015
	Raffle	Supper	
OCT	Bob Steer	Jay Steer	Jay Steer — Dieback Management Ramon Newmann— South Bokal and Perup Trip photos
NOV	David Lawson	Kim and Thea Hanson	Photo Competition and Members slides