



Western Australian Native Orchid Study and Conservation Group

September 2016 Bulletin

BUMPER SEASON

Due to reasonable rainfall at the right times, we are blessed to have a very good orchid season this year. Cheeky hybrids are out there to confuse us as well as many varieties of donkeys and wispy spiders.


The weather is not always on our side when orchiding with plenty of cold, rainy and windy days so far. But guess what, orchids look even better with rain drops on them.

INSIDE:

- Meeting Minutes
- Field Trip Reports
- Conservation report
- New orchid names
- Re-discovering *Corybas* sp. 'Busselton'
- And more



Paracaleana nigrita, Yallingup area.
Photo by A. Gye

Contacts: President, Jay Steer, 
Email: : wanoscg@gmail.com
Postal: PO BOX 323, VICTORIA PARK, W.A. 6979
Website: www.wanoscg.com

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, 20th of July 2016

Meeting held at: BGPA Boardroom, Kings Park

Meeting opened: 07:34 pm

ATTENDANCE:

Number of members present: 33 Visitors: Nil

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

APOLOGIES: Tim Hodgkins, Jack Eborall, Deb Walker, Graeme Walker, Cheryl Gee, Kay Bradfield, Donna Wajon, Eddy Wajon, Adrienne Saunders, Christine Lock, Pat Grant, Noel Clarke, George Kokosinski, Shannon Murphy, Aly Mollica

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

RAFFLE: Prize donated by Tom Burbidge.

1. PREVIOUS GENERAL MEETING MINUTES

No amendments were proposed to the 20 July 2016 General Meeting that appeared in the August bulletin. It was moved by Tom Burbidge and seconded by Kevin Uhe that the General Meeting Minutes of 20 July 2016, as published in the August 2016 bulletin, are a true and accurate record of that meeting. *Carried.*

2. BUSINESS ARISING FROM THE PREVIOUS MEETING

2.1 Supper Roster for 2016: Thanks to those members who filled the spots on the supper roster.

2.2 Snail Trip book: Ramón Newmann has some copies available for purchase.

2.3 Study groups: Snail group – Kevin Uhe investigated the snail orchids found at Walpole and the *P jacksonii* found at Mount Franklin. The conclusion is that they are definitely different.

2.4 New rules for associations and incorporated clubs:

The Department of Commerce, Associations and Charities Branch has contacted us and informed us that:

- i) Legislation became active on the 1st July and
- ii) the deadline for associations to provide address to Consumer Protection is 29 September 2016 (this has been done)

In addition transition pack No 2 is now available on their website.

2.5 WANOSCG Website Updates: Most of the information from 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 and Stuart Gale will be the web administrators of this new site.
- Noel may need help collecting and processing the images.
- Any member objecting to having their photo on the website home page banner should let Jay Steer know. Likewise, any member wishing to have their photo added to the banner should supply a suitable head shot to Jay Steer who will pass it on to the web administrators.

2.6 WANOSCG conducting surveys for local governments: Update from Jon Warren.

- Conduct of the surveys is underway.
- Some local government representatives are enthusiastic and keen to get personally involved.

2.7 Membership processing:

- Badges and stickers for new members were made available to be claimed.
- The membership list is available for viewing.

3. REGISTRAR'S REPORT

WANOSCG Database: Members should continue to submit data on their orchid finds for entry into the database.



Diuris laxiflora, Brixton St wetlands.

Photo by K. Lightbody

4. TREASURER'S REPORT

For the period 1 July 2016 to 31 July 2016 :

	MTD	YTD
Income (operating account)	\$899.50	\$6,254.70
Expenditure	\$603.97	\$3,229.95

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

5. CORRESPONDENCE 21 July to 17 August 2016

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

Date	Sender	Topic
15/8/16	Associations and Charities Branch, Department of Commerce	Associations Info Issue 15 - New law for associations and clubs commenced on 1 July
11/8/16	Marina Karyagina	Offer from the Dieback working group
11/8/16	Timothy Darrington	Looking for WA Native Orchid growers
9/8/16	CCWA	Conservation & Environment News WA
7/8/16	DNBuy Inc. (to Don Ward)	AUTO RENEW NOTICE - Order will be processed in 14 days
3/8/16	Pat Richards	Clearing application CPS 7129-1
1/8/16	Rosalie Lawrence, secretary NOSSA	Friends of Parks SA - Social Media Strategy
31/7/16	Albert Maas	10000 orchid photos www.globalorchids.info .
28/7/16	Bankwest	change of postal address on Bankwest accounts completed
28/7/16	Stuart Gale	WANOSCG - Website pitch
26/7/16	Invasive Species Council	Ebulletin
10/8/16	Brent Bailey	Reply from Jerramungup re: Boxwood Hill Ongerup Road and rural road clearing
21/7/16 to 13/8/16	Tim Hodgkins, Eddy Wajon, Jon Warren, Jay Steer	Roadside clearing Jerramungup Shire and related issues



Business arising from Correspondence:

- Anyone requiring a copy of the invasive species report should contact Jay Steer.
- The committee had agreed to proceed with the adaptation of the website Noel Hoffman had been using for the orchid photographs to form the main WANOSCG website. An automatic renewal notice has been received for the old website and it has been agreed by the committee to let it lapse.
- Anyone interested in the global orchids website should contact Jay Steer.
- Anyone interested in receiving a copy of the ANOS newsletter should contact Jay Steer.
- Any member interested in Conservation Council of Western Australia events should contact Jay Steer for further information.
- Jay Steer has provided Tim Darrington with some names of people who grow orchids. Anyone wishing to contact Tim should ask Jay Steer for details.
- Marina Karyagina has been in contact with the Dieback Study Group (as part of bulletin preparation) and they offered WANOSCG some printed materials as well as a talk on dieback prevention. The intention is to

arrange for a representative of that group to give a talk to the members at some stage.

6. FIELD TRIPS

6.1 Report on recent field trips;

- Since the last meeting a trip was made to Cataby and Jurien Bay. *T pulcherrima* was found in two locations.

6.2 Upcoming Field trips:

- 20/21 August Geraldton
- 20 August Mandurah area
- 11 Sep Forrest Highway burn (Urszula Kokosinska would appreciate some help leading the trip)
- 17/18 Sep Kojonup
- 24/26 Sep Albany and Stirling Range
- 2-8/9 October Kevin's Rufa trip – camping trip to Karonie
- 15/16 October Boyup Brook Ruabon
- 5/6 November Ongerup

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 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:



A very wet *Drakaea livida*, Yallingup.
Photo by A. Gye

Person / Location / Date	Species found
Tom Burbidge, Leeming, 10-Aug	<i>Diuris corymbosa</i>
Tom Burbidge, Kingsley Drive, Serpentine, 13-Aug	<i>Prasophyllum fimbria</i>
Ron Fauntleroy, Peppermint Grove Road Shire of Waroona, 11-Aug	<i>Pyrorchis nigricans</i> , <i>Pterostylis vittata</i> , <i>Caladenia hirta</i> subsp <i>hirta</i> <i>Prasophyllum</i> (in leaf) unknown, <i>Caladenia</i> (in leaf) unknown <i>Eriochilus</i> (in seed) unknown, <i>Leporella fimbriata</i> (in seed) Various <i>Caladenia</i> in leaf & bud
Ron Fauntleroy, Johnson Road, Shire of Waroona, 11-Aug	<i>Diuris</i> in bud (2 species unknown), <i>Caladenia reptans</i> subsp <i>reptans</i> <i>Pyrorchis nigricans</i> , <i>Cyrtostylis huegelii</i> <i>Leporella fimbriata</i> (in seed), <i>Eriochilus</i> (in seed) unknown Various <i>Caladenia</i> in leaf & bud
Ron Fauntleroy, Carrabungup Nature Reserve, Shire of Murray, 12-Aug	<i>Pterostylis nana</i> , <i>Pterostylis recurva</i> , <i>Pterostylis vittata</i> <i>Pterostylis</i> sp "slender", <i>Drakaea livida</i> , <i>Drakaea elastica</i> <i>Cyrtostylis huegelii</i> , <i>Pheladenia deformis</i> <i>Caladenia reptans</i> subsp <i>reptans</i> , <i>Caladenia flava</i> subsp <i>flava</i> (bud) <i>Caladenia latifolia</i> (bud), <i>Thelymitra crinita</i> (leaves)
Ron Fauntleroy, Island Point Reserve, Mandurah Shire, 14-Aug	<i>Pterostylis</i> sp "short petals", <i>Pterostylis recurva</i> , <i>Pterostylis sanguinea</i> <i>Pterostylis vittata</i> , <i>Pterostylis dilatata</i> , <i>Pheladenia deformis</i> <i>Caladenia reptans</i> subsp <i>reptans</i> , <i>Cyrtostylis huegelii</i> <i>Caladenia latifolia</i> (in bud), Various <i>Caladenia</i> (in bud) <i>Pyrorchis nigricans</i> (in leaf), <i>Thelymitra</i> (in leaf) <i>Eriochilus</i> (in seed), <i>Leporella fimbriata</i> (in seed)

7. CONSERVATION

7.1 Jay Steer presented Conservation report in Tim's absence. Moved that we accept Tim's report — Jon Warren, seconder Margaret Fox. Carried

The following issues were discussed:

- Tim Hodgkins will talk to Margaret Petridis and Kevin Uhe to get input on species seen in the Helena & Aurora Range before sending the previously drafted letter to the relevant government ministers seeking pro-

tection for the area.

- Margaret Petridis has photographs taken in the Helena & Aurora Range neighbourhood where she has found at least 10 species of orchids. She will pass the information to Tim.
- It is understood that Main Roads has undertaken road widening that has wiped out a particularly interesting group of donkey orchids previously discovered by Jim Parry.
- The group thanks Tim Hodgkins for his ongoing efforts in support of conservation on behalf of WANOSCG.

8. GROWER'S TABLE

Nothing tabled.

9. GENERAL BUSINESS

9.1 Failure of Field trip etiquette: During the Cataby/Jurien Field trip it was reported that a member was seen opening a closed orchid – our field trip guidelines indicate that we do not handle orchids. Report failures of field trip procedure to field trip leader, field trip assistant or a committee member.

9.2 Suggestions for End of Season “get together” / Trip

- Members were requested to submit suggestions for a venue.

9.3 Octogenarian's night

The October meeting will be “Octogenarians' Night” and members are requested to aid in the attendance of our octogenarians where appropriate.

9.4 Potential WANOSCG garment order

A request for a show of hands for those interested in such an order indicated agreement to pursue the possibility of placing an order similar to that made for the jumpers for the 40th anniversary.

9.5 Meeting speakers

- The suggestion has been made that it might be good not to have a speaker at some meetings (eg September) and instead allow the members to interact with one another.
- At the September meeting (if Kingsley is not speaking) Paul Winthrop will give a brief outline of Nature Map and the Atlas of Living Australia.

9.6 New rules concerning volunteer groups assisting DPAW (in relation to ADORP)

Kim Hanson has a copy of the new rules. In general there are no major changes, however DPAW is very concerned about volunteer groups not contacting the local DPAW officers. ADORP participants therefore need to ensure they contact the DPAW regional offices when they are working in the vicinity.

9.7 Field trip planning

Margaret Petridis has a suggestion list for potential field trips and also tabled a copy of a field trip planning procedure.



Drakaea gracilis. Photo by J. Brown.



10. PRESENTATION:

Kingsley Dixon was ill so his presentation “A life with orchids - Snapshot on a career researching WA's orchid flora” will be rescheduled. Jay Steer presented on how he came to be passionately interested in orchids.

RAFFLE DRAW: Jay Steer drew the raffle and the winning ticket was held by Ron Fauntleroy.

MEETING CLOSED: 9:05 pm

NEXT MEETING: 7:30 pm Wednesday 21 September 2016, BGPA Boardroom, Kings Park.

Corybas despectans. Photo by J. Brown

Conservation Officer Report to 2016 September General meeting

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. A reply has now been received from the Shire acknowledging the offer of assistance.

Projects under watch:

- Norwest Energy, Eneabba.
- BAJV Bauxite, Morangup/Avon Valley NP.
- Meelup Regional Reserve – Mountain Bike Trail.
- Warwick Bushland - Hockey Stadium construction now in progress with no visible disturbance to the bushland.

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



Kalbarri spider orchid, *Caladenia wanosa*, was named in honour of WANOSCG members by Alex George. Photo by J. Brown

Bunbury Outer ring road:

Two WANOSCG members from Bunbury Graeme Walker and Phil Bunney have carried out a partial survey at the southern end of the proposed road mainly to look for *T variegata* that has been known to flower there. It is late flowering this year and another survey is planned for September 13th with assistance of Jon Warren and me.

Treasure Road, Kemerton buffer zone:

Graeme is also concerned about out of season burning in this orchid rich area north of Bunbury, so a meeting has been arranged with DPaW officers on the above date.

Helena & Aurora Range:

The issue of potential mining in this area has been around for some time. It would alarm most Western Australians to know our Environment Minister has gone against the independent advice of the Environment Protection Agency (EPA). But unfortunately it appears Minister Jacob has done precisely this.

The Helena and Aurora Range is a pristine landscape; the "jewel in the crown" of our Great Western Woodlands. It is a spectacular banded-ironstone formation, a biodiversity hotspot, home to more than 75 bird species, to say nothing of many species of orchids and one of our State treasures.

As with the Roadside Clearing issue we will be preparing letters on behalf of our Group to go to the Minister and for members to use to send their local WA member.

After a visit to the site by Margaret, Kevin and Iain McLean we now have some more information on orchid species in the area which will be used in our submission.

New Reserve to be named for our 40th Anniversary:

It may be time to re-visit this possibility so I will bring it back onto my agenda for discussion and consideration. anticipate that in 2017/18 we will want to review all seven (7) reserves again.

Tim Hodgkins, Conservation Officer (mobile:)

NOBLE ROAD — 17th of JULY



Noble Road runs eastwards from Albany Highway and is located between Williams and Arthur River. The site where the field trip participants met on the 17th of July is on the corner of Thompson Road, but the bushland area there has no formal name; it is just a piece of bush surrounded by farms.

Lyn Alcock, who lives in Narrogin, visits here regularly. At the start she indicated where a few nearby species could be seen and then 'set us loose'. The bushland has a substantial area in a sort-of 'L' shape. It has a variety of habitats from she-oak areas, eucalypts, low scrub areas, and a couple of small rocky/laterite spots.

On a rather overcast morning (the pessimists, including the writer of this report, took their umbrellas with them) it took only moments to find the first orchids. 30m from the cars were *C reptans* [Little pink fairies], 2 species of donkey orchids (*D porrifolia* [Small Flowered Donkey] and *D corymbosa* [Common Donkey] and then there were snails aplenty with *Pt* sp 'inland' being the first to be identified.

Exploration by the 20+ members continued further afield over the morning. After a couple of hours the group paused for lunch and then set off to more distant parts of the site. While there were not large numbers of each species found there was a good range of flowers. Buny orchids had gone to seed, red beak leaves were everywhere, one leek orchid still in flower was the Autumn Leek [*Prasophyllum parvifolium*], a range of sun orchids were in leaf with vanilla orchids [*T antennifera*] in bud and rufa buds in good numbers.

Also located was *Leporella fimbriata* [Hare orchids], and the *Pterostylis* species included *sargentii* [Frog Greenhoods], *hamiltonii* [Red Veined Shells], *sanguinea* [Dark Banded Greenhoods] and of course Kevin Uhe found more snails including *echinulata* [*Pt* sp 'hairy leaf']. The writer who was with him at the time was glad that Kevin could see the hairs on the leaves with his magnifying glass!!!

The other species of interest were the caladenias. *C falcata* [Fringed Mantis Orchid] was in bud and there will be many of these in a month or so. Apart from the Little Pink Fairies, we also found *C longiclavata* [Clubbed Spider] and *C hiemalis* [Dwarf Common Spider]. In his inimitable style the writer of this article suggested that one of the small bunches might actually be *C xantha* [Primrose Spider], albeit a rather pale one. Some debate ensued, but the initial view of it being *hiemalis* prevailed.

The day had remained dry. Good camaraderie was enjoyed by all and we departed feeling most satisfied. Many thanks were expressed to both Margaret Petridis and Lyn Alcock.

John Ewing

Ed. I visited the Noble Rd reserve in the middle of August and was surprised to see many hare orchids still flowering albeit on their last legs. There were still plenty of snails too.

From top: *Caladenia longiclavata*, *Pterostylis sanguinea* and *Pt. sp 'inland'*. Photos by M. Karyagina

7th August 2016 - Leaves, Leaves and More Leaves



From the top: *Paracaleana nigrita*., *Leptoceras menziesii*, *Caladenia macrostylis*.
Photos by Alison Gye

A steady cold breeze at our first stop in the William Bay National Park encouraged us to keep moving. The usual display of orchids around the parking bay was missing. Only a few leaves were sighted. Thus, we had to head further into the bush and along tracks. A limited number of flowering orchids were identified. These included *Pterostylis* sp. 'coastal clubbed sepals' (Coastal Short-eared Snail), *Cyrtostylis huegelii* (Midge), *Corybas recurvus* (Common Helmet), *Pt.* sp. 'small rosette' (Small Rosette Snail), *Caladenia reptans* subsp. *reptans* (Little Pink Fairies) and *Corybas limpidus* (Crystal Helmet). To these we could add a staggering list of leaves; *Cryptostylis ovata* (Slipper), *Lyperanthus serratus* (Rattle Beak), *Cal. bicalliata* subsp. *bicalliata* (Limestone Spider), *Leptoceras menziesii* (Rabbit Orchid), *Cal. latifolia* (Pink Fairies), *Cal. flava* subsp. *flava* (Cowslip) *Cal. applanata* subsp. *applanata* (Broad-lipped Spider), *Thelymitra benthamiana* (Leopard Orchid), *Thely. vulgaris* (Slender Sun) and *Eriochilus scaber* subsp. *scaber* (Pink Bunny). Many *Pt. vittata* (Banded Greenhood) had gone to seed.

At the second stop along the coast, we added *Cal. flava* subsp. *flava* (Cowslip) in flower, *Prasophyllum parvifolium* (Autumn Leek) gone to seed, *Pyrorchis nigricans* (Red Beaks) many buds and *Cal. latifolia* (Pink Fairies) in bud. Fortunately, the breeze had died down enabling everyone to enjoy the coastal scenery and take a closer look at the badly damaged and eroded beaches and cliffs from the storms that lashed the coast the previous week. One cliff top orchid patch had partially succumbed to the storm damage.

Moving inland, we walked along fire-break tracks. By now the sky was not as threatening but still overcast. The main tracks have become quite vegetated, making the sighting of orchids and leaves quite a challenge. Robust *Prasophyllum* leaves of various thicknesses and lengths were seen along the tracks and added to the leaf list.

Lunch was enjoyed in the sun along the Denmark River before we drove to a local bush block. White soils added more names to the leaf list from the *Drakaea* and *Paracaleana* species. Further along in darker soils we found *Pt. recurva* (Jug) and *Pt. barbata* (Bird Orchid). Finally, we were shown a beautiful colony of *Thely. spiralis* (Curly Locks) tightly closed due to the cold air and lack of sun.

Our final stop back along the coast had us all feeling quite warm as we climbed up onto the top of consolidated dunes only to find neatly trimmed (read eaten) flowering stalks of *Cal. meridionalis* (South Coast Spider) surrounded by a number of leaves. Nothing but to conclude the field trip was one of leaves, leaves and more leaves. The weeks ahead will give us plenty to look forward to due to the number of buds seen with the leaves.

Anna de Haan

21st August 2016 — Northern Hinterland



No leaves will be reported on in this trip report due to the sheer distance covered and sites visited on the one day. There were 1000's of leaves, mainly *Caladenia*, *Pyrorchis* and *Thelymitra* - all widths, lengths and degrees of hairiness. An early start for what was to become a long day enabled us to have many stops around town sites, thus only the towns will be mentioned.

Mt Barker was warm and sunny, without a breath of wind. We were the first group to arrive at this very popular orchid site. Within our first steps into the bush, we saw our first orchids. The first two, *Diuris brumalis* (Winter Donkey) and *Caladenia straminichila* (Tenterden Yellow Spider) required "the books" to make what was hopefully correct identifications. The latter needed differentiation from *Cal. polychroma* (Joseph's), which were present in large numbers and in a wide range of colours. We also sighted *Pterostylis recurva* (Jug Orchid), *Pt. vittata* (Banded Greenhood), *Cal. reptans* subsp. *reptans* (Little Pink Fairies), *Pt.*

sp. 'slender' (Slender Snail) [pg. 412 3rd edition Hoffman & Brown], *Cal. arrecta* (Reaching Spider) and *Cyanicula sericea* (Silky Blue). About an hour later, other local enthusiasts arrived on their daily walks. Dogs led the way on well-trodden pathways from plant to plant, obviously a daily ritual. Time to move on. Our second site was under water, although the hillside on the other side of the road had many orchid plants in bud.

At an old burn in Tenterden, we added *D. porrifolia* (Western Wheatbelt / Small Flowered Donkey) and *Pt. sp.* 'skinny' (Skinny snail) to the list. The upper section of the rise was unusually dry and with few flowers, however, the lower sections held more promise for the future as many plants were in tight bud.

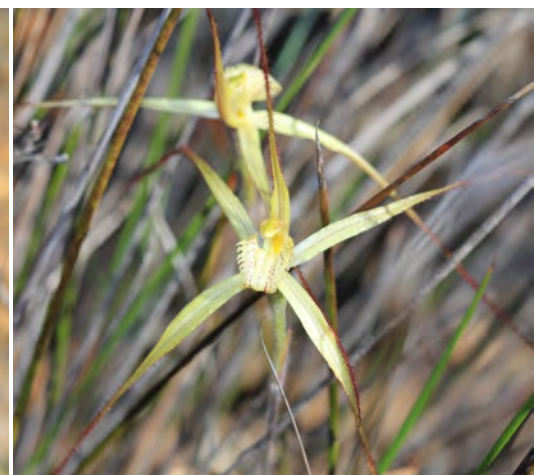
Open Wandoo country at a new site was bursting into flower. Whilst a week ago only buds were seen, today we found six species in flower. Many *Cyrtostylis huegelii* (Midge) had gone to seed many weeks ago whilst *Cal vulgata* (Common Spider) was just opening. A carpet of *Pheladenia deformis* (Blue Beard) was a remarkable sight. Our second local location was nearly bereft of flowering plants. Thus, onto another new sight complete with very different soil types on a hilly slope. Seeing the first *Cal. longicauda* complex in flower for the season was a treat. *Cal. longicauda* subsp. *eminens* (Stark White Spider) and *Cal. splendens* (Splendid Spider) made for smiles on all faces and put cameras into overdrive. Due to the sun and warmth *Thelymitra antennifera* (Lemon-scented Sun) was out in full bloom. All these plants were very tall and lanky in stature. The local shire had created a new look-out with perfect views towards the Stirling Ranges, made all the more memorable in the dappled late afternoon sun, however, the cold front was closing in from the south west.

A quick drive through the Stirling Ranges added *Pt. dilatata* (Robust Snail) to our list before the heavens opened up, but not before we were safely back on solid bitumen. Our final stop was in near darkness and rainfall that could only be called a deluge. Our last orchids were sighted *Caladenia hiemalis* (Common Dwarf Spider) and *Diuris sp.* 'Green Range' (Green Range Donkey Orchid) as we sprinted back to the cars.

Anna de Haan

Caladenia longicauda subsp. *eminens*, *Diuris porrifolia*, *Caladenia straminichila*.

Photos by Juliet McKenzie





Last year Andrew Brown gave a presentation on his favourite granite rocks and orchids they support. It sparked a lot of interest. This year he took a group of WANOSCG members on an extended orchid field trip to some of the Eastern granite rocks. Margaret Petridis, WANOSCG Field Trip coordinator and trip co-leader, asked members of the group to write about the trip, one day at a time. In this bulletin we publish members' accounts of the first three days of the trip.

Day 1 - 27th August 2016

31 people huddled together in the chilly, damp early morning at Karragullen near Perth, to mark the beginning of a 9 day journey hunting orchids on granite outcrops. Everyone was prepared for the long 4WD trip from Perth across to the eastern parts of the state. We gathered to hear last minute instructions from our leaders Andrew Brown and Margaret Petridis, and then set off on the road, 15 vehicles in a convoy.

It was raining and the sky was grey as we headed along the Brookton Highway to our first stop, 9 Acre Rock, east of Brookton, a large granite monolith among cleared fields. We all spread out to look for orchids armed with radios to report findings. It was difficult clambering over and between rocks and through heavy wet grasses, but soon there were elated calls as orchids were found. Among those found were *Caladenia reptans*, *C. xantha*, *Pterostylis recurva* and *Pt. vittata*.

After about an hour and a lunch stop, the group headed east along the Brookton Kweda road for a short stop where we found *Caladenia footeana* and *Caladenia deformis* growing close to the road.

We had many kilometres to travel, and headed straight to Hyden to fuel up for the long road to Norseman. The day was still cold, grey and drizzling with rain. The next stop was along Bushfire Rock Road, off the Hyden Norseman Rd to Bushfire Rock. This rock was close to the road and easily accessible. We scattered through the low bushes and scrub, and along the base of the rock to find *Caladenia dimidia*, *Caladenia roei* and *Pt. sp. 'inland'*.

The plan was to camp at Emu Rock on the Holland Track, so the convoy wound down the wet roads to look for a camp. We stopped at Emu Rock while Andrew Brown scouted around for a camping place for us and in the process got bogged. So the rest of us drove back along the track a little way to find a suitable camping place in the woodland. In that short time in the late afternoon, we found orchids, but as the light was waning, setting up camp was the main priority as rain threatened.

The evening campfire was a warm, welcoming place in the chilly night.

Linda & George

Day 2 - 28th August 2016

Today is all about mud, rain and more mud as we leave Emu rock and travel along the Hyden /Norseman road. In places it is slow going and our speed varies between 40 and 90 mph.

At the breakaways there has been replanting done below the cliffs. It's visually disruptive but will be great when it's all grown up. We find *Caladenia voigtii* and the named hybrid *Caladenia x*



Rocks along Hyden Norseman Rd



tryphera.

At our lunch stop, Kevin finds a beautiful patch of *Caladenia voigtii* and for that he gets the award from David. There is also a frogmouth owl posing beautifully in a tree. He is wide awake and some of us manage to take good photos of him.

Several stops and many orchids later we make camp in The Woodlands and it is raining again. We put up our tent only to discover that there are mud puddles all around it, so an impromptu 'garden' is made with the leaf litter to create a path to our vehicle. Another warming fire keeps us laughing and getting to know each other better.

Despite the rain we have found plenty of orchids including *Caladenia incensum* further south than normal.

Trish Newmann

Day 3 - Showers and Spiders

A light drizzle and gusty winds greeted us as we packed up our wet tents and headed to Norseman for showers and supplies. We had arranged to meet at Beacon Hill for 10.30 so many of us did our own thing until then.

A warm shower and a hot breakfast helped re-charge the batteries and a glimpse of sunshine breaking through the clouds promised clear skies ahead. While the weather seemed to be clearing the damage had already been done and many of the roads we had wished to traverse were now closed.

The Beacon Hill Lookout overlooks the town of Norseman to the west and salt lakes and woodlands to the east. It was here the convoy met and discussed our alternative plans for the next 5 days. Next stop 50 mile rock.

50 Mile Rock is situated on the Coolgardie-Esperance Highway half way between Norseman and Widgiemooltha. The rock is behind a very large catchment dam and recent rains allowed us to experience the water running off the rocks and being channelled by rock walls towards the dam.

Not even the rain could dampen our enthusiasm and the excitement of what orchids we might find. The rock and the surrounding vegetation was in very good condition and everywhere you looked native plants were beginning to blossom.



By far the most prolific orchid was *Diuris hazeliae* (Yellow Granite Donkey Orchid) which seemed to have occupied every available rock garden. Some all yellow luteal colonies were also found. Other orchids of note were *Caladenia insensum* (Glistening Spider Orchid), *Caladenia microchila* (Western Wispy Spider Orchid) and *Caladenia sigmoidea* (Sigmoid Spider Orchid) all in good numbers.

After a quick lunch we headed south on the Coolgardie-Norseman Road and stopped at a hill over-looking the western shores of Lake Cowan. A short scramble up the rock face rewarded us with a clump of over 100 *Ca-*

Clockwise from left: *Diuris hazeliae* (lutea form), *Caladenia voigtii*, *C. sigmoidea*.
Photos by authors.

Caladenia microchila and scattered throughout *Pterostylis rufa* complex in early bud. The vista across the lake was spectacular.

Unable to move east due to road closures the convoy again headed south towards our next destination and camp-site, Dundas Rocks.

The road in to the 550 million year old Dundas Rocks was closed, lucky for us there was ample camping for us west of the highway and after setting up a group of us went exploring Dundas Rocks. In the fading light we saw *Pterostylis mutica* and *Caladenia sigmoidea*.



The afternoon sun was setting and as we made our way back to camp and settled in for the night.

Russell Thomas

....to be continued



L-R: *Caladenia x tryphera*. Photo by T. Newmann. Dundas Rocks Road.
Photo by R. Thomas.

NEW DIURIS NAMINGS

In the latest edition of the Australian Orchid Review, David Jones and Chris French have named another three donkey orchids to leave only one unnamed one in Brown et al.

Diuris sp 'Western Wheatbelt' is now named *Diuris brachyscapa* from the Greek *brachys* which means short and *scapus* stem in relation to the generally short habit of this species compared to *D. Corymbosa*. This species is found between Westdale south to Katanning and east to Lake King/Ravensthorpe.

Diuris sp 'Kemerton' is now *Diuris cruenta* from the Latin *cruentus*, stained or spotted in relation to the floral colour patterns. This is an uncommon species with a restricted distribution between Yalgorup National Park and south of Bunbury.

Diuris sp 'Yalgorup' is named *Diuris porphyrochila* after the Greek *porphyro*, purple and *cheilo*, lip, in relation to the purple labellum of this species. It grows in coastal areas between Mandurah and south of Busselton but has been seen further inland to Wellington Dam and Darkan.

The last two species should be found in the Forrest Highway burn area even though they flower freely in the absence of fire.

Kevin Uhe

Corybas sp. 'Busselton'

It was with great excitement that in mid August Athol & Zoe Grosse plus myself, rediscovered *Corybas* sp. 'Busselton'. The orchid was first collected by a student of Athol's in 1977. Athol informed Alex George of the orchid who then collected it in August of that same year.

As I grew up in Busselton and gained an interest in orchids, my uncle who also was keen on orchids, reminded me of the little green helmet orchid growing in the swamps. In August of 1985, before moving to Perth, I photographed the orchid for the last time. After several quick searches over the ensuing years during which we did not locate the species, we decided to have a more thorough look around Busselton this year in an attempt to rediscover the orchid that we had not seen for over 30 years.

After searching areas in which we had previously seen the orchid all those years ago, it was thrilling to discover it again in a different location. As we were about to give up, I noticed what I thought was a small flower on a helmet leaf. After getting out my magnifying glass I realised it was a helmet bud. We quickly searched the area to find 3 more buds, then a patch of about 50 leaves and about 10 plants in bud and a few flowers just opening up. Further sweeps of the area revealed another patch of leaves not far away, having an additional 10 or so plants in bud or in early flower.



It was interesting to note that most of the plants were still in bud or just beginning to open. Earlier in the day we had been photographing *Corybas despectans* in nearby sandhills. Some of these plants were fully opened while most were just finishing off, compared to the *Corybas* sp. 'Busselton' plants which were just beginning their flowering, with most still in bud. The habitat between the two species was also vastly different, sandhills versus swamps.

Because the population is small and the species highly threatened, Andrew Brown has asked that the orchids location be kept confidential. Ben Lullfitz, Parks and Wildlife's Nature Conservation Coordinator for the area, is undertaking efforts to protect the population from future threats and Andrew Brown is taking steps to list the orchid as Priority 1. To do this he must first have an official phrase name accepted by the WA Herbarium.

It was a great day for three ex Busselton residents visiting their old town.

David Lawson

Pallinup River 21 August 2016

Personal trip to see if buds had opened and we were rewarded – a total of 18 orchids in flower from the common donkeys and cowslips to the rare *Caladenia bryceana* (one group). The list includes *C. falcata*, *reptans*, *latifolia*, *cairnsiana*, *horistes*, *vulgata*, *flava*, *longicauda*, *longiclavata* and *discoidea* plus some hybrids. Also *Pterostylis recurva*, *Diuris laxiflora* and *corymbosa*; *Pyrorchis forrestii*; snails, hare and greenhoods.

Su Hayman and Phil, Karen Johnston.



Caladenia bryceana (top), *C. discoidea* (right). Photos by Karen Johnston





Don Voigt at 'Cristata compound' which was erected to protect a population of what was thought at the time to be *Caladenia cristata*. Photo by U. Kokosinska (taken during the WANOSCG 2010 field trip to Esperance)

DONALD RONALD VOIGT

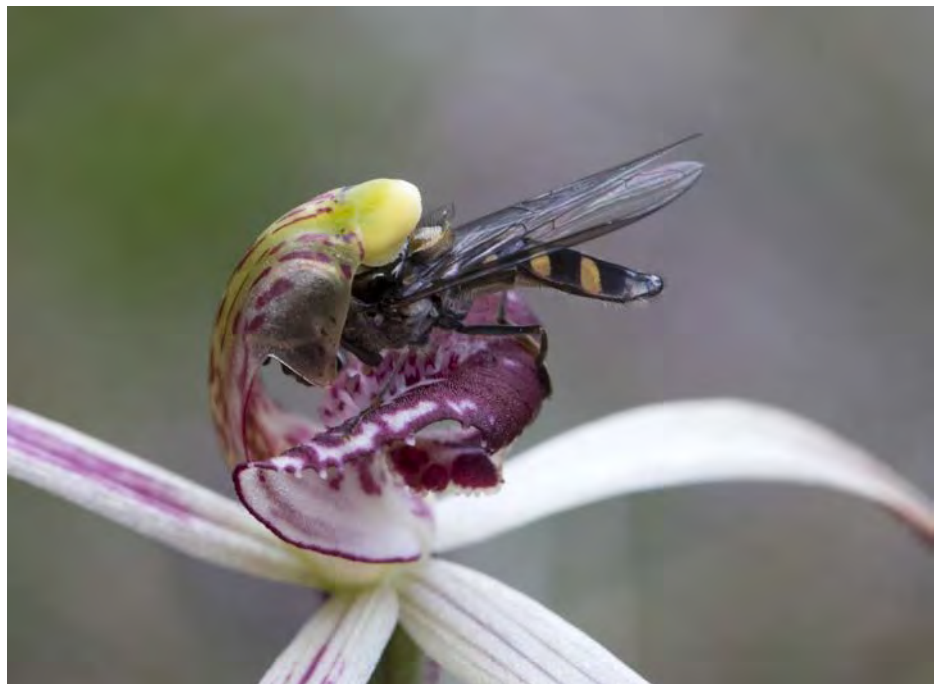
A tribute to WANOSCG Life member Don Voigt was recently published on the Australian Orchid Foundation (AOF) website. The tribute was prepared by Don's daughter, Caroline, and Andrew Brown. Below is a short extract from the tribute.

Don ... had a particular passion for the Western Australian native orchids.. He made the newspaper with his rediscovery of what was thought at that time to be the long lost crested spider orchid (*Caladenia cristata*), which had not been seen since its description in 1923. The orchid was later found to be a related but undescribed species, formally named *Caladenia voigtii* in 2001 in Don's honour..

In 1975 Don published a booklet titled "Orchids of the Mallee" which contained a wealth of information on the orchids found within a 64 km radius of his home at Salmon Gums. This booklet is still a very valuable reference to the orchids of that area..

Don's contribution to the knowledge of the orchids of the Esperance Region is highlighted by over 200 of his orchid collections now housed at the Western Australian Herbarium. Many of these collections were of poorly known, either undescribed species or were new records for the area. Most of these have now been formally described.

You can find the full tribute to Don Voigt on the AOF website under <http://australianorchidfoundation.org.au/donald-voigt/>.



L-R: *Caladenia reptans*, Mt Barker. Photo by J. McKenzie. *Caladenia radialis* with pollinator, Jingaring. Photo by A. Gye

HELP REQUIRED FOR RESEARCH INTO ALBINO PLANTS

WANOSCG member (from France) Etienne Delannoy intends to study naturally occurring albino form of normally green plants and especially orchids as part of a scientific project studying the way plants feed. He is interested in completely white plants including the leaves. Such plants are mutants and non photosynthetic (they can't use the energy of the sun). They survive because they become a parasite feeding off their symbiotic mycorrhizal fungus and hence using a very different source of energy from the one they normally use. Nevertheless, some of them can flower and produce seeds normally.

Totally albino plants are extremely rare—Etienne reports that, with the help of the entire French orchid community, they found only 15 sites with such plants in France this year.

Etienne would like to know if WANOSCG members have come across / are aware of such plants in WA? Were any of them orchids?

If you have any information about plants that you might have seen that were completely white, including leaves, could you please let Etienne know on _____.

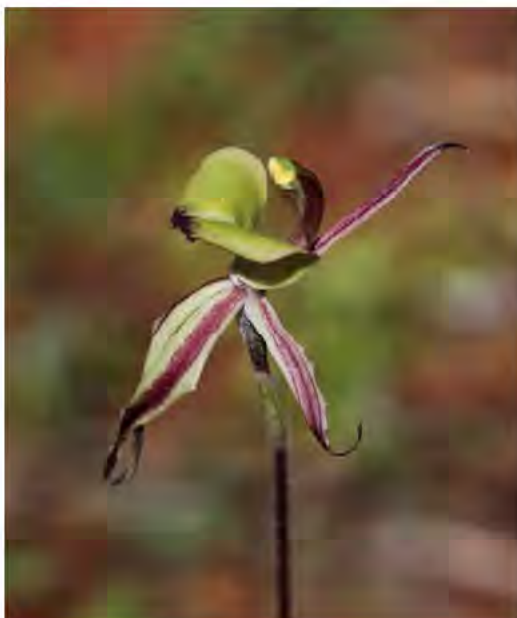


IDEAS WANTED

For an end of year, break up event and venue. Does not have to be a field trip. All ideas are welcome.

Please contact Margaret Petridis with your suggestions on _____ or _____.

Anticlockwise from left: *Caladenia denticulata*. Photo by M. Karyagina. *Caladenia bryceana* subsp. *cracens*, *C. roei* (Northern form), *C. barbarella*. Photos by J. Brown



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)

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

DEADLINE FOR NEXT ISSUE: 8th of September

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.

ALBINO ORCHIDS FEATURE

Thank you for everyone who sent the photographs of albino orchid flowers. Due to the significant number of field trip reports, the feature on albino orchids has been carried over to the next (October) edition of the bulletin.

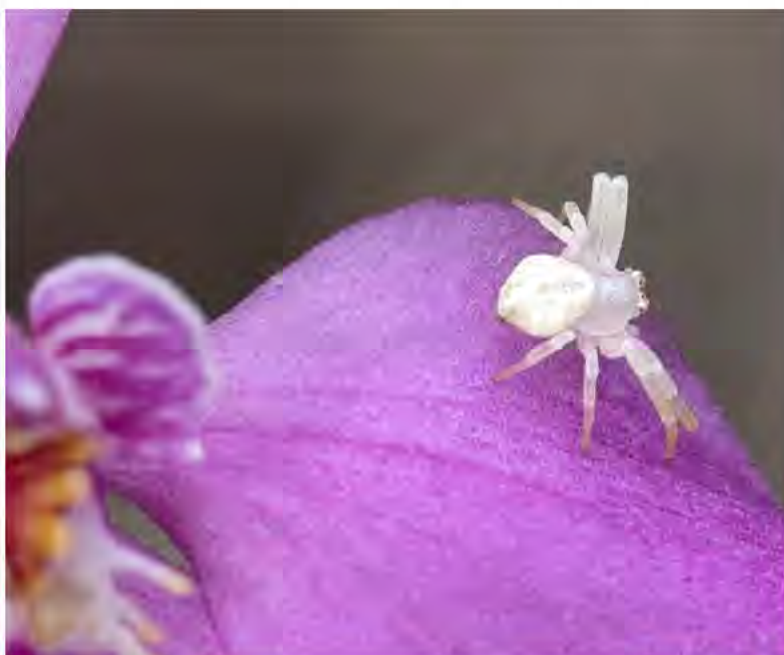
Upcoming Field Trip List

Month	Date	Location
September	17-18	Kojonup
September	24-26	Albany and Stirling Range
October	2-8/9	Camping trip to Karonie (see below - contact Kevin Uhe)
October	15-16	Boyup Brook/Ruabon
November	5-6	Ongerup

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

COPYRIGHT

All articles and images appearing in the Bulletin remain the property of WANOSCG or the original owner. WANOSCG is happy for any of the articles, items or images to be used by another orchid society for a non-profit purpose providing the society acknowledges the source and the author.



Nowhere to hide—white spider on *Caladenia reptans*.
Photo by A. Gye

2016	ROSTERS		SPEAKERS 2016
	Raffle	Supper	
SEPT	David Lawson	Julie & Shannon Murphy	Paul Winthrop, Nature Map and Atlas of Living Australia
OCT	Bob Steer	Volunteers needed	Mark Brundrett, topic TBA
NOV	Marina Karyagina	Marina Karyagina	Photo competition, Members photos