

Western Australian Native Orchid Study and Conservation Group



September 2017 Bulletin

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NEXT GENERAL MEETING
(20 September 2017)

SPEAKERS
John Hills – ADORP
Thelymitra yorkensis
Caladenia postea

Marina Karyagina
and Rob van Oosten
"How I got into Orchids"

Management Committee:
Ramón Newmarin – President
Kim Hanson – Vice-President
Jan Warren – Vice President
Jay Steer – Treasurer
Margaret Petridis – Field Trip Coordinator
Pat Richards – Secretary
Robert van Oosten – Committee
Ian Puddey – Committee
Marina Karyagina – Committee

WA ORCHID SPECTACULAR CONFERENCE & SHOW

Perth, Western Australia – 5 and 6 August 2017

On the first weekend in August in Scarborough, the Rendezvous Hotel played host to a weekend celebrating all things orchid. As might be expected, our group had an enthusiastic presence.

Rob van Oosten and Adie Saunders were invited to present a display of orchid pictures and they certainly did us proud with a stunning and colourful collection of photographs. In addition, they manned the display for much of the time patiently answering questions from curious visitors to the show. It became evident quite early on that many people thought these orchids could be bought at a nursery. Alarming, a few people wanted to know what fertiliser to use after they had removed them from the bush. Some tact was required to explain that such collection was illegal, attracting major penalties, quite apart from the challenging and often highly specific requirements our native orchids demand in order to survive and thrive.

In addition to the display, members of our group submitted entries to the orchid photographic competition and the results didn't disappoint. Aly Mollica scooped first prize with her photo of a grand spider orchid (*Caladenia huegelii*) and Rob van Oosten was highly commended for his photo of shirt orchids (*Thelymitra campanulata*). Very well done, Aly and Rob!

The WANOSCG contribution to the proceedings was not limited to the feast for the eyes. To feed the mind as well, John Ewing made two presentations, one to the public visitors and one to the formal registrants. His talk on red spider orchids drew a swelling crowd, initially of around 25 people doubling to around 50 at the conclusion.



Aly with her winning entry



Rob's commendation
Image courtesy Adrienne Saunders

From PERTH 2017 to Paris 2018 – What future for orchids?

The 2018 European Orchid Show and Conference (<https://eocce2018.com>) is being organized for the European Orchid Council by L'Orchidée en France, a joint association between the Société française, d'Orchidophilie, the Société nationale d'Horticulture de France, France Orchidées and the Fédération française des Amateurs d'Orchidées. The entire orchid research community is invited to take the opportunity to become involved in this forthcoming meeting on the current status of orchid research, intended to provide an informed perspective on the future of orchids.



FIELD TRIPS

Mid-September	Narrogin area (to be confirmed)	FTL: Ian Greeve	Overnight stay in Narrogin. Visiting various reserves in the area.	NUMBER: Limited 20
Long Weekend 23 – 25-Sep	Walpole	FTL: Maggie Whittle, Margaret Petridis	Burnt areas north and east of Walpole	NUMBER: Not Limited
Late September & early October	Potential survey work for Mark Brundrett involving <i>Caladenia huegelii</i> and the glossy-leaved hammer orchid. Expressions of interest to be forwarded to Margaret Petridis.			
October & November	Suggestions needed			

Details for the long weekend trip will be sent out to members beforehand. Any other suggestions welcome. Contact FTC Margaret Petridis by text on [REDACTED] If you would like to attend any of these trips.

SAFETY FIRST

Field trip gear

We all love going on field trips and Margaret Petridis and our energetic field trip leaders have been wonderfully enthusiastic in the organisation of field trips, selecting interesting destinations, providing guidance to participants and following up on the reporting for the benefit of the member group as a whole.

In return, it is incumbent on field trip participants to do their part by endeavouring to cooperate to ensure their own safety and those of their fellow orchid hunters. Given that field trip destinations are often remote and may be in bushland that has few visible landmarks, it can be easy for people to become disorientated and wander off in the wrong direction. This is a serious safety issue, both from the point of view of the person who may be lost and from those who need to locate them. We therefore strongly recommend that, in addition to the standard procedural guidelines for field trips, participants include the following equipment:

- Spray bottle containing 70% methylated spirit/30% water for spraying shoes against dieback spread
- 2-way hand-held radio on Channel 13 for communication during the searches and convoy
- Hi-vis jacket to be worn to increase participants' visibility to others (as worn by Peter and Vivienne in the photo below and can be ordered through the group)
- A whistle for each participant to help in pinpointing their location to others in the party (these can be obtained from the field trip leader.)
- A tracking app on mobile phone (refer Bulletins from June and July 2017).

We wish all orchid lovers safe and fruitful hunting.

Hi-vis vests



Whistles



FIELD TRIP REPORTS:

Mid-western Reports

Brookton Highway, 20 August 2017 – Kevin Uhe

An enthusiastic group met on Brookton Highway with the main target being the rare leek orchid (*Prasophyllum* sp 'Brookton Highway'). Luckily for the group, Andrew Brown had found one in very tight bud a few days earlier so he was able to show us what we were looking for.

Eagle eyed Justin Brown and Dave Lawson located a number of the target taxon in bud with a number of highly colourful specimens in flower being considered a hybrid swarm between the rare leek and the autumn leek (*Prasophyllum parvifolium*) which was in flower in the same area.

It was interesting to view the autumn leeks in full flower, with the hybrids in not quite full flower in most cases and the rare leek still in bud or just showing the first flower. Whilst it was disappointing that the rare leek was not in flower it was encouraging that we did find some specimens after much searching.

Images below from left

Prasophyllum Sp 'Brookton Highway' in bud

Prasophyllum Sp 'Brookton Highway' in flower (unconfirmed)

Remaining two

Likely hybrids *Prasophyllum* Sp 'Brookton Highway' X *Prasophyllum parvifolium*

Images courtesy Justin Brown



Blood Spider Orchid
(*Caladenia filifera*)

A few little pink fairies (*Caladenia reptans* subsp *reptans*) were located and a group of the bird orchid (*Pterostylis barbata*) were seen on the way back to the cars. Across the road a number of common donkeys (*Diuris corymbosa*) were in early flower. A number of *Caladenia* leaves were located as a promise of things to come later in the season.

The group then headed further east to the lunch stop where a number of blood spiders (*Caladenia filifera*) were eagerly photographed, along with a bewildering display of donkey orchids. Some of which were the common donkey but others seemed to be of hybrid origin. A few blue fairies (*Pheladenia deformis*) were located before a small number of the Primrose spider (*Caladenia xantha*) were located



Primrose Spider Orchid
(*Caladenia xantha*)

nearby. Also added to the list were jug orchids (*Pterostylis recurva*) and the crowded banded greenhood (*Pterostylis* sp 'crowded') along with cowslip and sun orchid leaves.

Thanks to those members who participated in the search for the rare leek orchid. As a footnote a small group returned to the area the week after the trip and found the rare leeks still in tight bud.

Preston Beach/Forrest Highway, 26 August 2017 – Rob van Oosten

There was a good attendance of 21 people and the weather was perfect for orchiding. (Coincidentally, a number of members of a wildflower group were gathering at the same spot as our group for a field trip in the Yalgorup National Park. Whilst waiting for the remainder of our party to arrive at the muster point Pat Richards chatted to some of the wildflower group and received from them a copy of a document listing local wildflower species that may be of interest.)

The first area was on Preston Beach Road approximately 3 km up from the Highway. There were many leaves and some buds at this site, including cowslip orchids (*Caladenia flava*), noble spider (*Caladenia nobilis*) and a possible common spider (*Caladenia vulgata*).

The second area was on Bagieu Road to the east of Forrest Highway. Most of the flowers were slender snail orchid (*Pterostylis* sp 'crinkled leaf'), banded greenhood (*P vittata*) and snail orchid (*P* sp 'coastal short sepals').

We then moved further along Bagieu Road where we found large colonies of bird orchids (*Pterostylis barbata* complex, specific species not identified) on both sides of the road. As before, there were numerous other *Pterostylis* species. Flowering was the jug orchid (*P recurva*), dark banded greenhood (*P sanguinea*), crowded greenhood (*P atosanguinea*) and snail orchids (*P* sp 'crinkled leaf' and *P* sp 'coastal short sepals'). Many leaves of hare orchids (*Leporella fimbriata*) and a flowering red beak (*Pyrorchis nigricans*) were also noted at this location.

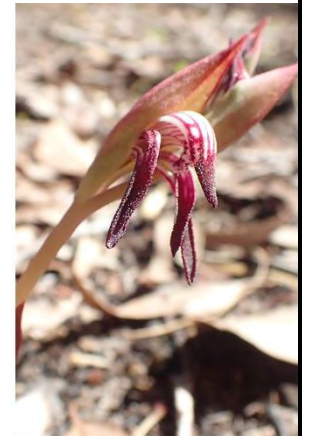
The last stop was at Crampton Nature Reserve where we again found many snail orchids in flower. Amongst them were the limestone snail orchid (*Pterostylis angulata*) and *P ectypha* (formerly *P* sp 'cauline leaves'. Yuko found a double headed red-flowered snail orchid (*Pterostylis erubescens*) and some tall snails (*P pyramidalis*). The spider orchids (*Caladenias*) were represented by many cowslips (*C flava*) buds and leaves, some pink fairies (*C latifolia*) and a possible Island Point spider (*C swartsiorum*). We found some scattered common helmet orchids (*Corybas recurvus*) and some in small colonies, along with some midge orchids (*Cyrtostylis huegelii*) and, I suspect, some common mosquito orchids. The real mosquitos sure got some of my blood.

There was a single sandplain donkey (*Diuris tinctoria*) spotted. I can't find it described - beautiful purple cheeks - found by Vivienne. Most of the stops had *Thelymitra* leaves – likely some blue suns and leopards for a later trip.

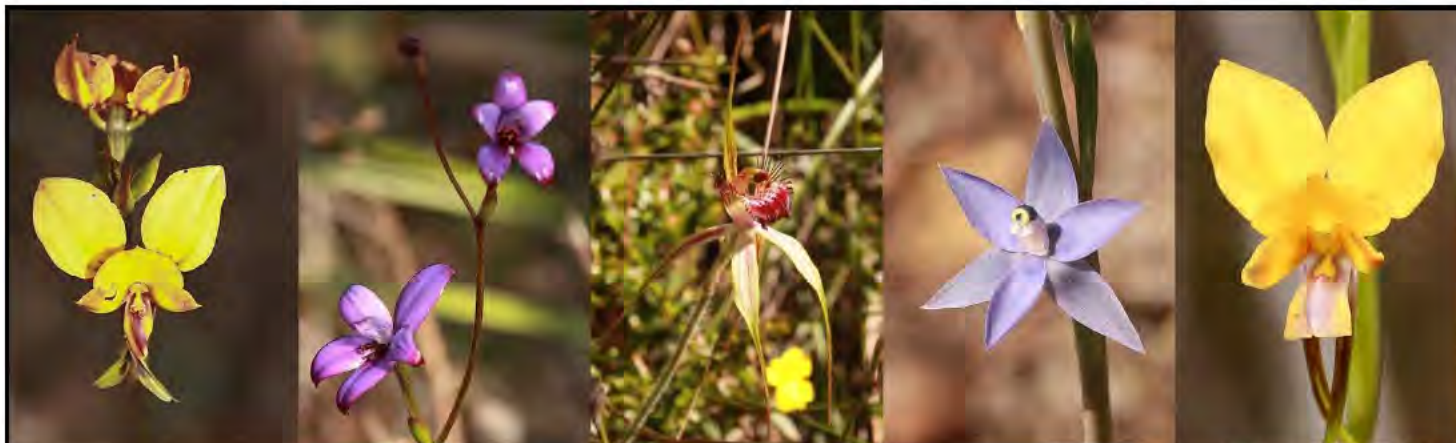
All in all, a very good field trip conducted by Graeme Walker. Many thanks for your local knowledge, Graeme.

Images from top:

Redbeak (*Pyrorchis nigricans*)
Snail (*Pterostylis* sp)
Sandplain Donkey Orchid (*Diuris tinctoria*)
Midge orchid (*Cyrtostylis huegelii*)



Images courtesy Adrienne Saunders



Images courtesy Geoff Foley

Perth Metropolitan – Marangaroo Conservation Reserve, 6 September 2017 – Geoff Foley

On Wednesday, 6 September, a group of 10 members plus Sasha Poli from the City of Wanneroo met at 9.30 am for a field trip through Marangaroo Conservation Reserve located 16 km north of the Perth CBD. The reserve is classified "Bush Forever" and is about 21 hectares in area bordered by housing on the east and south sides, Marangaroo Golf Course on the west and Hepburn Avenue on the north side.

Team leaders Geoff and Robyn Foley have identified about 25 orchid species in this small reserve. The walk mainly followed the limestone paths from the central main gate to the southern end of the reserve.

Orchids found on the day were :-

- Donkey (*Diuris corymbosa*) in various forms and colours with the possibility of *D longifolia*
- Carousel spider (*Caladenia arenicola*) with the possibility of variant *C georgei*
- Cowslip (*Caladenia flava*)
- Redbeak (*Pyrorchis nigricans*) in flower in a small burn area
- Autumn leek (*Prasophyllum parvifolium*)
- Little leek (*Prasophyllum ovale*) in burn area
- Yawning leek (*Prasophyllum hians*)
- Blue lady sun (*Thelymitra crinita*) one flower first day this season
- Scented Sun (*Thelymitra macrophylla*) one flower first day this season
- Slender Snail (*Pterostylis* sp 'crinkled leaf')
- Jug (*Pterostylis recurva*)
- Dark banded greenhood (*Pterostylis sanguinea*) finished
- Banded greenhood (*Pterostylis vittata*) finished
- Purple enamel (*Elythranthera brunonis*)

Leaves found were :-

- Hare (*Leporella fimbriata*)
- White bunny (*Eriochilus dilatatus*)
- Rabbit (*Leptoceras menziesii*) – flowered last year some have a spike appearing
- Shirt sun (*Thelymitra campanulata*) – in bud transplant from Flynn Drive Wanneroo
- Leopard (*Thelymitra benthamiana*) with spike
- Chestnut (*Thelymitra fuscolutea*) (possibly)
- Pink fairy (*Caladenia latifolia*) in bud

Feedback from the group was that it had been a very enjoyable morning with a surprising number and diversity of species in a small area surrounded by suburbia.

Images (top from left):

Donkey (*Diuris corymbosa*)
Purple enamel (*Elythranthera brunonis*)
Carousel spider (*Caladenia arenicola*)
Scented sun (*Thelymitra macrophylla*)
Donkey (*Diuris* sp)

Images (below from left):

Leek (*Prasophyllum ovale*)
Blue lady sun (*Thelymitra crinita*)
Diuris sp



Images courtesy Geoff Foley

Corrigin, 9-10 September 2017 – FTL Ian Greeve

Report Robin Campbell – Corrigin host

Robin Campbell from "wander wherever forever" organized several wanders through almost pristine bushlands in Corrigin Shire. Corrigin is 220 km ESE of Perth on Brookton Highway – an ideal place for a break on your way to Wave Rock or wildflower displays at Ravensthorpe or Esperance.

Members of the WA Native Orchid Society & Conservation Group [WANOSCG] were joined by visitors and friends from Victoria, Perth and Corrigin over the September 8-11 week-end. Most people concentrated on the orchids and they were amazed at the numbers of species and the variety of genera in each bushland site. We took hundreds of photos and learned the names and calls of many birds as we wandered. One visitor had never been in the Australian bush before. Each of us discovered orchids that we had not seen in the wild and learnt from the amazing range of brain-banks with us.



Crimson Spider

Over the weekend 8-11 September, we saw Innumerable yellow cowslips (*Caladenia flava*) and stark white spiders (*Caladenia longicauda* subsp. *eminens*). The wispy spider orchids, all of the genus *Caladenia*, grow in clusters with very hairy leaves and stems, the petals and long tendrils vary immensely in colours which make them difficult to name – the blood (*C. filifera*), chameleon (*C. dimidia*), common (*C. vulgata*), cream (*C. horistes*), crimson (*C. footeana*), drooping (*C. radialis*), dwarf white (*C. hiemalis*), Joseph's (*C. polychroma*), Nyabing (*C. erythronema*) and slender are flowering now. The clowns (*C. roei*), bee spiders (*C. discoidea*) and green fringed mantis (*C. falcata*) are very unusual and do not look like spider orchids. Pink fairies (*C. reptans* subsp. *reptans*) faded.

The blue chinas (*Cyanicula gemmata*) and bluebeards (*Pheladenia deformis*) will fade soon but the glossy purple enamels (*Elythranthera emarginata*) are just coming out. Donkeys (*Diuris* sp) are everywhere in dense patches. The little white sugar (*Ericksonella saccharata*) hides under shrubs or sits in the middle of tracks. The little laughing leek (*Prasophyllum gracile*) can easily be overlooked but not the 50 cm high frilled leek (*Prasophyllum sargentii*) on a strong stem. Dark green bird (*Pterostylis barbata*), frog (*Pterostylis sargentii*) and jug (*Pterostylis recurva*) greenhoods are hard to find under shrubs, but are worth seeking out. Snails (*Pterostylis* sp) stand on 5-10 cm stems above a leafy rosette. They hang out in colonies, often over 100. On granite rock moss-beds and salt-lake flats you can find the lemon or vanilla scented yellow suns (*Thelymitra antennifera*). The blue suns (*Thelymitra macrophylla* and *T. petrophila*) are just forming buds and many leaves have appeared, usually very close to tree trunks or on granite rock pockets.

This was not a scientific survey and the description is just what we saw, often consulting references (Noel Hoffman & Andrew Brown - *Orchids of South-west Australia*, 3rd Edition 2011; Mark Brundrett – *Identification and Ecology of Southwest Australian Orchids*, 2014; and DPaW's *Florabase*.)

Thank you to those future-sighted special farmers who have protected hundreds of hectares of incredible remnants.



Bird Orchid

Image courtesy Robin Campbell

Jug Orchid

Little Pink Fairy

Cowslip

Fringed Mantis

Frog Orchid



Image courtesy Pat Richards

Northern Region

Eurardy Station and Return 20 – 21 August 2017 – John Ewing

At 3.30 pm on 20 August Etienne Delannoy arrived at Perth Airport at the end of his 19-hour flight from Paris. By his own choice he was immediately hustled into the waiting car and began the journey of 570 km to Eurardy Station where he was due to take part in a survey at 8.30 am the next morning. This man is keen on his orchids. Fortunately John Ewing and Alison Higgins had mercy and allowed him a night's sleep at Geraldton.

On the 21 August there were 9 members of WANOSGC who joined the Eurardy manager Ben Parkhurst in the survey to look for the Kalbarri spider (*Caladenia wanosa*), northern dwarf spider (*C. bryceana* subsp. *cracens*) and the small dragon (*C. barbarella*). Peter and Debbie Proudfoot, Gary and Sue Macdonald, Gail Reed, Beth Teale and the above three started out full of hope, despite the dry year.

At each of the three main sites to which Ben took us, buds were found covering each of the species in turn, but not one in flower. The July/August rains had not yet been enough to compensate for the dry May and June. We visited other sites and found only a handful of cowslips and snails. After lunch we also made an extensive drive around the station to get a feel for the range of environments and the size of the property. This property has lots of magnificent flowers.

Hopefully next year will be better and WANOSGC members can continue to help to monitor these three rare species that are fortunately found in this protected property which is owned by Bush Heritage.

The next day saw John, Alison and Etienne set off back south via Kalbarri and a few other stops along the way. On the Ajana road our mongrel luck continued at Hawk's Head where the smooth-billed duck (*Paracaleana terminalis*) was again 'in bud' and there were no Kalbarri spiders to be seen. Further along the road we met our first success. We had stopped to see the dwarf zebra (*Caladenia pachychila*) and hopefully the shirt orchid (*Thelymitra campanulata*) but alas, nothing. Then we saw some donkey orchids and after some thought and some measuring realised we had first found sedge-loving donkey (*Diuris carecta*).



Sedge-loving Donkey

Image courtesy John Ewing



Northern Coastal Donkey

Image courtesy John Ewing

These plants ranged in height from 280 to 390 mm with leaves 120–180 mm. This contrasted with nearby groups of other donkey orchids which were 150–180 mm high and leaves of 40–60 mm. As a result of measuring the plants and consulting John's prepared table of measurements of all the corymbosa complex (email a request if you want an electronic copy of the table) we were able to work out that the smaller plants were most probably northern coastal donkey (*Diuris oraria*). It was quite satisfying to check when we returned home to find that, yes, both these species do in fact grow in this location. The only issue was that all the flowers on both the larger and the smaller

plants had somewhat reflexed sepals rather than 'hanging' sepals. However, as often happens with donkey orchids, they produce variations in appearance from flowers at other locations. It becomes a matter of persistence and revisiting sites to confirm the initial identification.

After this start we had more success in finding other species. At the Z-bend we – well Etienne really – located *Caladenia wanosa* (two plants and four more buds) and one rather lovely hybrid of the pale pink fairy (*Caladenia reptans* subsp. *impensa*) and the Kalbarri cowslip (*Caladenia flava* subsp. *maculata*).



Hybrid Pale Pink Fairy
X Kalbarri Cowslip

Image courtesy John Ewing



Northern Banded Greenhood



Kneeling Hammer Orchid



Curly-locks Flower



Curly-locks Leaf

Images courtesy John Ewing

We had also found a northern banded greenhood (*Pterostylis* sp 'northern'). It came in a range of colours from quite a deep brown to the green form illustrated

On the return journey back to the entrance we could still not locate any shirt orchids but did find both the kneeling hammer orchid (*Drakaea concolor*) and curly-locks (*Thelymitra spiralis*) which has a spotted back to the petals and its spiral leaf (note the sundews as well).

As we continued on via Yerina Springs road and back to Northampton we found a range of other flowers including the Northampton bee orchid (*Diuris segregata*), Northampton midget greenhood (*Pterostylis sinuata*), elegant spider (*Caladenia elegans*), mini donkey (*D recurva*) – some of the plants were very tall being over 400 mm tall with their tiny flower perched on the top – and small-lipped white spider (*Caladenia longicauda* subsp *albella*).

The next stop was at Mills Lookout just east of Geraldton. We came in search of Hoffman's spider (*Caladenia hoffmanii*). John's GPS came into its own and right on the spot he located the first one. Within moments Etienne had found more.

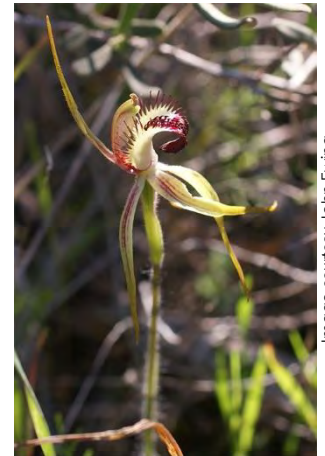


Image courtesy John Ewing

Hoffman's Spider Orchid

South-west

Found in Bud – a south-west wander – John Ewing

Having been 'north' Etienne and I now set our sights on sites 'down south'. Alison was with us for the first couple of days but we then launched out further afield.



Image courtesy John Ewing

Sandhill Helmets

Little of note was found until we met up with David Lawson at Locke Reserve just west of Busselton. I took one look at it (never having been there) and thought 'Huh! What will be here! Scrubby peppermints, poor grey sand – not much in this' thought I.

I should have known that if it was with Dave there would be things. After quite a bit of hunting which had yielded some magnificent mosquito orchids (*Cyrtostylis robusta*), we eventually found a sandhill helmet (*Corybas despectans*).

One patch proved most entertaining as David discovered a fallen log which had three species on it – *Corybas despectans*, common helmet (*Corybas recurvus*), and many many snail orchids – probably *Pterostylis* sp 'cauline leaves'. They were all growing out of the log.

We then moved all the way down to the 'Cape to Cape' track at Conto Road where I had received some advice about *Corybas* sp 'Naturaliste'. With both Etienne and David leading the way we found some of the target species. Then Jeanette Wheatley, who was also with us, found some more. The issue was that, while they were only partly open (a characteristic of *C* sp 'Naturaliste'), they looked suspiciously like *C despectans*. There they were, just as promised – but hmmm! A return the following day found a number much more open and so we felt even less convinced that the flowers here were really *C* sp 'Naturaliste'. We were caused at least to wonder if this 'new' species is actually a different species or not. Oh, the joys of orchiding! More research on our part is needed.

HOWEVER on the way along the track Etienne found the Cape mosquito orchid (*Cyrtostylis* sp 'Cape Naturaliste'). This was quite distinctive with its prominently elbowed lateral sepals. We gradually found more and more plants all with the same distinctive feature.

The next day saw us up near Meelup looking for a range of spider orchids. We found lots of buds – **lots** of buds. We did find a Cape spider (*Caladenia caesarea* subsp *maritima*) in nice flower, but again other spider orchids in bud. So we went on to Sugar Loaf Rock and found the exotic spider (*C nivalis*) in bud. Since we needed to go further south we decided to stay at Cowaramup, but searches in the nearby area revealed – you guessed it – more buds!



Image courtesy John Ewing

Cape Mosquito Orchid



Image courtesy John Ewing

South Coast Spider?

We had a special treat the next day when we went to a private property near Augusta. The main purpose of the visit was to look at a white spider orchid that looked a lot like the south coast spider (*Caladenia meridionalis*). After a bit of searching with a few more buds we found a number of plants and it did indeed look like *C meridionalis* but this was now late August and *C meridionalis* flowers in June/July. Again, more research needs to be done.

Etienne and I then continued towards Walpole and stopped at Centre Road where a month before David Lawson and I had found a large patch of southern curly-locks (*Thelymitra uliginosa*). When the two of us arrived there were 50 plants with many in flower although it was now near to 3 pm and most were closing up for the day (or finished, since this species is a self-pollinator).

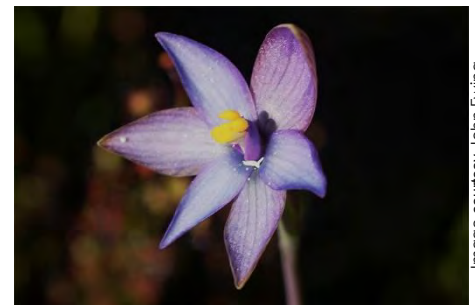


Image courtesy John Ewing

Southern Curly-locks

After over-night in Denmark we journeyed towards Albany finding mostly buds or nothing until arriving at Gull Rock Road. Here we enjoyed many beautiful Queen of Sheba orchids (*Thelymitra variegata*) as well as the eastern Queen of Sheba (*T speciosa*). At Ledge Beach we fought our way through thick vegetation but were rewarded with fresh flowers of the crystal helmet (*Corybas limpidus*). Onwards then to Pallinup River where it was the same story for the dwarf spider orchid (*Caladenia bryceana* subsp *bryceana*). Buds only! On up to Jerramungup via the South Coast Highway, we stopped a few kilometres before 'Jerra'. As we arrived, who should be there but Bill Gaynor. A quick chat confirmed what we suspected - more buds and few flowers.

Next day, slightly frustrated (well I was a bit), we went out towards Fitzgerald River and found little on the way. At Fitzgerald, the drooping spider (*Caladenia radialis*), a hybrid green spider (*Caladenia falcata*) looking more like *C falcata* than the usual form, and a sole western tiny blue (*Cyanicula aperta*) plus many Joseph's spiders (*Caladenia polychroma*) all helped to lift our spirits of the 'in-bud blues'.

Determined to see more, we headed to Niabing for the red thread spider (*Caladenia erythronema*), which we saw, plus more buds. Finally we lit out for Kwobrup Reserve and, while we found quite a few flowers, it was the 'more buds' story. Almost everything was characterised by 'being two weeks late'. Despite the long distance, we called it quits and drove home a day and a half earlier than originally planned.

SOOO, what is the solution? Answer: wait two weeks and go back again. If you want to read the next instalment of this 'budding' saga tune into next month's bulletin.

Southern Rivers Group

Marbelup Nature Reserve, 20 August 2017 – Anna de Haan, SRG Convenor

As a group we all met at Marbelup Reserve which had been burnt earlier in the year. Our first stop was wet underfoot after the heavy rains over the last week. The first fringed leek (*Prasophyllum fimbria*) green form found, was still opening up whilst southern curly-locks (*Thelymitra uliginosa*) were in tight bud. Further up on the hillside, intense looking and sharp eyes sighted the first pink bunny (*Eriochilus scaber* subsp *scaber*). Only the first sepal on the buds was fully extended. One other *P fimbria* was found, this time in full flower. Nearby many *Thelymitra uliginosa* had all gone to seed. In the meantime club members returning home with their caravan via the south coast sighted "people looking down – must be looking for orchids", thus we had two more join the field trip for the morning.

Stop two was in gravelly clay covered in a layer of conglomerate rocks. At the base of the rise fringed leek (*P fimbria*) green and brown forms were in full flower. Further up the hill side dozens of leaves were found of varying shapes and sizes. One in particular, a long and strappy hairless leaf with a very immature buds resulted in much discussion. Was it a rattle beak, *Thelymitra* or beard? No hairy leaf, so it can't be a *Caladenia*. The buds were so immature only time will tell as to what flower will develop. At the other end of the orchid life-cycle, the remains of a 2016 twisted sun orchid (*Thelymitra flexuosa*) was sighted. On the way back to the cars, little pink fairy (*Caladenia reptans* subsp *reptans*) was added to the list of sightings.

After lunch at Cosy Corner in much appreciated sunshine, we drove to our final stop. Many narrow-lipped hammer (*Drakaea thynniphila*) plants were found, however only one was in full flower. There were also many bird orchids. Today they have been referred to as *Pterostylis* sp 'Gull Rock' (Heberle's bird orchid), however the vegetation does not reflect the description in the latest orchid book/s and the lower sepal extensions are parallel to the ground, not held downwards. Previous records have described them as *Pterostylis euricola* in this location. Time will unravel the correct name.**

Sunshine, good company, many orchid sightings and much chatter made for a most enjoyable outing.

Images from top:

- Fringed Leek Orchid (*Prasophyllum fimbria*)
- Pink Bunny Orchid (*Eriochilus scaber*)
- Dwarf Pink Fairy Orchid (*Caladenia reptans* subsp *reptans*)
- Narrow-lipped hammer orchid (*Drakaea thynniphila*)
- Bird orchid (*Pterostylis* sp 'Gull Rock')

**Note: The bird orchids referred to above at Cosy Corner have been officially called *Pterostylis* sp 'sparse'



Jeff Spencer and Ross Fox enjoying a rare patch of sun

Image courtesy Juliet McKenzie

Images courtesy Juliet McKenzie

Cape Riche and Pallinup, Saturday, 9 September 2017 – Anna de Haan, SRG Convenor

Finally, a beautifully warm sunny day for a field trip along the South Coast Highway. Our first stop had a very poor show of orchids with only a very limited number of rattle beaks (*Lyperanthus serratus*) and bee orchids (*Diuris laxiflora*). In the past these were numerous as well as two other genera being present.

On the outskirts of the Wellstead town site we had more success. Zebra (*Caladenia cairnsiana*), jug (*Pterostylis recurva*), purple enamel (*Elythranthera brunonis*), cowslip (*Caladenia flava* subsp *flava*), lilac sun (*Thelymitra cornicina*), twisted sun (*Thelymitra flexuosa*) and one king spider (*Caladenia pectinata*) in bud were sighted, as well as the first of three snakes.

We stopped for morning tea at a farmer's gate beside a well graded road. There was much discussion over the king spider (*Caladenia pectinata*) and common bee (*Diuris decremента*) as there was such a wide variation within each of the species. Fringed mantis (*Caladenia falcata*) and pink fan (*Caladenia nana* subsp *unita*) were added to the list.

On reaching the coast we had a quick bite of lunch before heading off for two hours of walking paths and 4WD tracks. So many more orchids were flowering since the reconnoitre just two weeks ago. Again, southern white spider (*Caladenia longicauda* subsp *australora*) was splendid with its sheer size and pendulous elegance making photography a challenge in the light sea breeze. Many more orchids were added to the list including: south coast donkey (*Diuris* sp 'South Coast'), vanilla sun (*Thelymitra antennifera*), slender snail (*Pterostylis* sp 'Crinkled Leaf'), bearded bird (*Pterostylis turfosa*), Joseph's spider (*Caladenia polychroma*), banded greenhood (*Pterostylis vittata*), common dragon (*Caladenia barbarossa*), common donkey (*Diuris corymbosa*), pink fairy (*Caladenia latifolia*), midge (*Cyrtostylis huegelii*) and blue lady (*Thelymitra crinita*). Some energetic members climbed the nearby mount finding sugar orchid (*Ericksonella saccharata*) and pink enamel (*Elythranthera emarginata*) along the way.

Mid-afternoon had everyone eating their second half of lunch before heading north to a major river crossing. Two weeks earlier this had been quite disappointing, however, today it was the orchid hot spot. There were patches of cowslips, fringed mantis and Joseph's interspersed with stark white spider (*Caladenia longicauda* subsp *eminens*), southern white spider, common dragon and western tiny blue (*Cyanicula aperta*). To top this sight off prisoner (*Caladenia x ericksoniae*) and *Caladenia falcata* x *Caladenia longicauda* subsp *eminens* hybrids were also sighted. Further along on a very different soil type dancing spider (*Caladenia discoidea*) and red beaks (*Pyrorchis nigricans*) rounded out the sightings. Many rufous rosettes were in bud. Our final sighting for the day was one reaching spider (*Caladenia arrecta*) beside a parking bay on the way home.

A very satisfying result, especially for our two visiting English orchid enthusiasts who thoroughly enjoyed the great variety of orchids found on this field trip.

Denmark (13 May 2017) – Juliet McKenzie

(Previously omitted from May Bulletin)

At the appointed time on a somewhat cool, beautifully clear morning our group gathered at Crusoe Beach, Denmark to check on a leafless orchid (*Praecoxanthus aphyllus*) which a local had reported seeing previously. Unfortunately none were found but orchids in flower here were common bunny orchid (*Eriochilus multiflorus*), white bunny orchid (*Eriochilus dilatatus* subsp *dilatatus*) and banded greenhood (*Pterostylis vittata*). Leaves were also found of a hammer orchid (*Drakaea* sp) and a duck orchid (*Paracaleana* sp), some with just the beginnings of budding.

Image courtesy Juliet McKenzie



Common Bunny Orchid
(*Eriochilus dilatatus* subsp
multiflorus)

The next site was in the built-up area of Denmark where a leisurely morning tea was held in this sun warmed, sheltered spot. Here we scoured a granite rock successfully for scented autumn leek orchid (*Prasophyllum* sp 'early'), white bunny orchid (*Eriochilus dilatatus* subsp *dilatatus*), common bunny orchid (*Eriochilus dilatatus* subsp *multiflorus*) and granite bunny orchid (*Eriochilus pulchellus*). Leaves of red beaks or elephant ears (*Pyrorchis nigricans*) were also found.

Lights Beach lookout was our lunch site – the ocean was unbelievably clear and colourful and the day was warming up slightly. Cameras in hand we headed off on the Bibbulmun track where we located Easter bunny orchid (*Eriochilus dilatatus* subsp *magnus*), white bunny orchid (*Eriochilus dilatatus* subsp *dilatatus*) and banded greenhood (*Pterostylis vittata*). Also there were a number

of leaves of red beaks, elephant ears (*Pyrorchis nigricans*). We cut off the Bibbulmun track and followed the Munda Biddi Trail back to the parking area. Nothing was recorded along this section.

The Munda Biddi trail at the Madfish Bay end was our last stop for the day. This is where we found banded greenhood (*Pterostylis vittata*) and scented autumn leek orchid (*Prasophyllum* sp 'early') flowers. Leaf rosettes of a snail orchid (*Pterostylis* sp), leaves of red beaks, elephant ears (*Pyrorchis nigricans*) and leaves of a gnat/mosquito orchid (*Cyrtostylis* sp) were also seen. This was a successful and invigorating day's walk by the Southern Ocean, enjoyed by all.



Banded Greenhood
(*Pterostylis vittata*)



Scented Autumn
Leek Orchid
(*Prasophyllum* sp 'early')

Image courtesy Juliet McKenzie

Image courtesy Juliet McKenzie



Orchid Taxonomy – New namings

Kevin Uhe

In the latest Australian Orchid Review David Jones and Chris French have published a paper naming a further five Western Australian taxa in the bird and snail complexes. These have been placed into genera currently not recognised by the WA Herbarium and will need to be formally placed in the *Pterostylis* genus in due course. In the meantime they will continue to be recognised under the current phrase names.

The new namings are as follows:

Plumatichilos facetus currently has the phrase name *Pterostylis* sp 'plumed' and has been named after the Latin *facetus* which means fine, elegant, well made which is in reference to the appearance of this species. This taxon is found slightly to the west of Esperance across to Israelite Bay and occupies a range of habitats from mallee areas to granites and around salt lakes.

Plumatichilos galgulus (phrase name *Pterostylis* sp 'dwarf') and has been named after the Latin *galgulus* which means small bird. This taxon is widespread from Geraldton to the Stirling Ranges away from the coast. It can be found in forest, mallee and shrublands.

Diplodium angulatum (phrase name *Pterostylis* sp 'Helena River') and is named after the Latin *angulatus* which means angular in relation to the angular nature of the flowers. This taxon is found between Perth and Bunbury and inland to west of York with a disjunct population near Collie

Diplodium ectyphum (phrase name *Pterostylis* sp 'cauline leaves') and is named after the Greek *ectyphos* which means pulled up, swollen which refers to the thick free lateral sepal points. This taxon can be found from Gillingarra to Walpole growing in a range of habitats from wandoo, jarrah, marri, tuart woodlands to low coastal heath and winter wet clay flats. It also has also colonised pine plantations to the south and south east of Perth. This taxon brings together both *P* sp 'cauline leaves' and *P* sp 'northern thick sepals' into the one taxon.

Diplodium meridionalis (phrase name *Pterostylis* sp 'Cape Le Grand') and is named after the Latin *meridionalis* which means southern in relation to the south coastal area where it grows. This taxon is found between Thomas River and Stokes Inlet, west of Esperance. It mainly grows in moss pockets on granite rocks and along stream banks under shrubs.



Image courtesy Kevin Uhe

Pterostylis sp 'cauline leaves'



MEMBERSHIP CORNER

Jon Warren – Vice President / Membership Coordinator

We warmly welcome Matt and Sally Jones from the metro area as a new family membership this month.

Club membership currently stands at 147 paid memberships totalling 233 people when life members and our patron are included.

But did you know that 43% of these members are outside the metropolitan area, the breakdown being 74 members in regional WA, 22 members from the Eastern states and one international member.



General Meeting Minutes

Wednesday, 16 August 2017

ATTENDANCE: Visitors: Nil Number of members present: 36

Welcome to new members:

APOLOGIES: Greg van der Vaart, Noel Hoffman, George Kokosinski, Kim Hanson, Lyn Alcock

CIRCULATION OF REPORTS: The Attendance Book and copies of the Treasurer's Report were circulated to the members.

RAFFLE: Prize donated by Mary and Noel Hoffman

1 PREVIOUS COMMITTEE MINUTES

Members were asked if they had any amendments to the minutes of 19 July 2017 General Meeting that appeared in the August Bulletin.

Moved by Geoff Foley and seconded by Margaret Fox that the General Meeting Minutes of 19 July 2017, as published in the August 2017 bulletin are a true and accurate record of that meeting.

Carried

2 BUSINESS ARISING FROM THE PREVIOUS MEETING

2.1 *Supper roster* is now filled for the remainder of this year.

2.2 *Hard copy Bulletin delivery:* Further to the decision to limit hard copy Bulletin delivery to black and white copies, it is intended that recipients will be limited to those who do not have email addresses or have an otherwise valid reason. The intention is to compress the (coloured) file to reduce its size thus avoiding rejection by the email servers while maintaining adequate resolution for viewing on screen. If any member with an email address hasn't received their electronic copy of the August Bulletin emailed on Sunday, 13 August, please let Pat Richards know.

2.3 *Orchid Spectacular*

- Aly Mollica had an entry in the orchid photographic competition, winning first prize with a photograph of *Caladenia huegelii* at Fraser Road.
- Rob van Oosten had a good photographic display of native orchids. He reported that he had fielded questions such as where they could be bought and how best to keep them alive.
- John Ewing had made his two presentations, one to the general public attendees (whose numbers swelled from 20 at the start to around 50 at the conclusion), and the other to the registrants, amongst whom was Gary Brockman. John received good feedback from his audience.

3 TREASURER'S REPORT

For the period July 2017:

	July 2017	1-Feb-17 to 31-Jul-17
Income (operating account)	520.00	4,986.25
Expenditure	0.00	932.30

Moved by Donna Wajon and seconded by Tim Hodgkins that the Treasurer's report for July 2017 be accepted as a true record of the club's finances.

Carried

4 CORRESPONDENCE 20 July 2017 to 16 August 2017

Electronic or hard copies of Newsletters and Bulletins have been received over the period from: NOSSA, ANOS Illawarra, OSWA, CCWA. Correspondence covered a range of topics.

Inward emails to the WANOSCG Web site and members of the committee:

Date	Sender	Topic
21-Jul-17	Eileen Rodgers	Albany Wildflower Show
21-Jul-17	Tim Hodgkins to South West Catchments Council	Manea Park bushland damage
25-Jul-17	Pip Marshall, SWCC	Response to TH email re Manea Park bushland damage
27-Jul-17	ANOS Sydney	Recent Annual Native Orchid Auction
31-Jul-17	CCWA to Tim Hodgkins	CCWA General Meeting, Monday, 14 August.
31-Jul-17	DFES WA to Tim Hodgkins	Manea Park bushland damage
31-Jul-17	Eddy Wajon response to Tim Hodgkins	Manea Park bushland damage
1-Aug-17	Sheryl Lawson, ANOS	Mutual aims in conservation, research and orchid education
4-Aug-17	Tim Hodgkins to DFES	Manea Park bushland damage

Business arising from Correspondence:

- Some members may wish to attend the Albany Wildflower Exhibition from 20 to 23 September in St John's Hall, York Street, Albany (note that it immediately precedes the WANOSCG long weekend field trip based at neighbouring Walpole.)
- The committee agreed to explore potential ways of interacting with ANOS to benefit the mutual aims of our groups as suggested by Sheryl Lawson.
 - Dr Lawson suggested that WANOSCG might wish to include articles in the *Orchadian* magazine.
 - Ramón Newmann passed the name of Tim Hodgkins to her with a view to encouraging conservation related dialog with the conservation officer in New South Wales. (Tim has subsequently made direct contact with the ANOS Conservation Officer as well as meeting the NSW (??) ANOS Conservation Officer in the field
 - Ramón Newmann will maintain communication with Dr Lawson.

5 FIELD TRIPS

- During July individuals have been encouraged to offer to host small groups to local metropolitan reserves where orchids were to be seen. Christine Lock has been coordinator for this purpose. Metropolitan locations visited since the last general meeting included:
 - Holmes Street reserve, Huntingdale – snail orchids, greenhoods, donkey orchids, autumn leek orchids
 - Harpenden Street reserve, Huntingdale – greenhoods, donkey orchids, autumn leek orchids, redbeaks in bud on small burn areas
 - A planned trip to the wetlands at Brixton Street wetlands in Kenwick was abandoned because of severe weather on 6 August.
- Attendees on the field trip to the Goodale sanctuary near Pinjarra on 9 August saw 18 different orchids in flower. Thanks are extended to Robert and Lynette Goodale for their hospitality.

- Margaret Petridis and Kevin Uhe had undertaken a 5-day trip to Walpole, Albany and the Stirlings from 11 to 16 August. Species noted in flower were as follows:

Snail orchids	Other <i>Pterostylis</i>	Other orchids
<i>Pterostylis erubescens</i>	<i>Pterostylis recurva</i>	<i>Diuris porrifolia</i>
<i>Pterostylis</i> sp 'southern granites'	<i>Pterostylis vittata</i>	<i>Caladenia reptans</i> subsp <i>reptans</i>
<i>Pterostylis</i> sp 'coastal snail'	<i>Pterostylis sanguinea</i>	<i>Caladenia flava</i>
<i>Pterostylis</i> sp 'coastal short-eared snail'	<i>Pterostylis barbata</i>	<i>Caladenia discoidea</i>
<i>Pterostylis</i> sp 'crinkled leaf'		<i>Caladenia hiemalis</i>
<i>Pterostylis</i> sp 'timothyi'		
<i>Pterostylis parva</i>		
<i>Pterostylis</i> sp 'inland'		

- Various members reported having seen the following species:
 - *Caladenia arenicola* – carousel spider
 - *Caladenia attingens* subsp *attingens* - small mantis orchids.
 - *Caladenia filifera* - blood spiders
 - *Caladenia flava* - cowslip
 - *Caladenia latifolia* and *reptans* – pink fairies
 - *Caladenia longiclavata* – clubbed spider
 - *Caladenia xantha* – primrose spider
 - *Cyanicula sericia* – blue silky orchid
 - *Cyrtostylis* species – mosquito orchids
 - *Diuris porrifolia* – small-flowered donkey orchid and many other donkeys
 - *Ericksonella saccharata* – sugar orchids (many)
 - *Pheladenia deformis* – bluebeard or blue fairy in huge numbers
 - *Prasophyllum fimbria* – fringed leek
 - *Pterostylis allantoidea*, *sanguinea* and *vittata* – various greenhoods
 - *Pterostylis recurva* – jug
 - *Pterostylis* species – some snails
 - *Pyrorchis nigricans* – redbeak leaves

An outline for remaining field trips in 2017 was published in the August 2017 Bulletin.

Upcoming Field trips

- Sunday, 20 August to the Brookton Highway in the Christmas Tree Well/Yarra Road general area. FTL Kevin Uhe. Target orchid *Prasophyllum* sp 'Brookton Highway'. Numbers limited 20 – 25.
- Saturday, 26 August, to Preston Beach Road and Kemerton areas along the Forrest Highway. FTL Graeme Walker. Target orchids – *Pterostylis* (snails and birds), *Caladenia*. Numbers limited to 20.
- Early to mid-September – possible trip to the Dryandra woodland or similar. There is not a lot reported as flowering. Lyn Alcock will work with Ian Greeve to find an alternative.
- Long weekend 23 – 25 September – trip to be based in Walpole with places to search NE and NW of Walpole and north of Bow Bridge. MP will liaise with Maggie Whittle about how the attendee numbers will be managed.
- Jon Warren has been in touch with Busselton members in relation to potential trips in that area.
- Ian Greeve is investigating potential locations for trips in early September and details will be circulated by email once arrangements have been made.
- Summary details of the September long weekend to Walpole have already been communicated.
- In late September and the first one or two weeks in October Mark Brundrett is reported to wish for members of the group to do some survey work involving *Caladenia huegelii* and the glossy-leaved hammer orchid. Expressions of interest should be forwarded to Margaret Petridis.

Personal Field Trips: (Please use common names and full names where known)

Members are requested to fill out the personal field trip report form on the front table and send electronic Orchid Sighting sheets to the Registrar (Ramón Newmann - [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.

6 CONSERVATION

Moved by Tim Hodgkins and seconded by Jay Steer that the Conservation Report as published in the August Bulletin be accepted and that the Rare Orchids Survey of 2017 be endorsed.

Carried

In addition the following conservation issues are raised:

- In relation to shirt orchid plantings, two had produced buds and one was healthy. In Marangaroo, there was no sign of them.
- As regards the issue of too open access to Yilliminning Rock, Tim Hodgkins had contacted the shire and the problem of overly easy vehicular access by restricting the two entrances with bollards.
- It was noted that DFES had been conducting an exercise that included burning and mulching without the knowledge of DPaW near a *Thelymitra variegata* population (listed as Priority Flora). That population of fewer than 20 plants is believed to be the last population on the coastal plain suggesting that efforts need to be made to sustain populations elsewhere. Apparently only a desk-top survey had been completed ahead of the exercise. Tim Hodgkins has opened up the line of communication with a letter seeking a meeting with the district office of DFES in Bunbury.
- The Albany Wild Flower Exhibition (see section 4 above) is reported to be impressive, however some of the displays in the recent past have included cut specimens of native orchids, albeit (apparently) mostly sourced from private properties. Suggestions included:
 - Drawing attention to the undesirability of picking wild flowers and finding ways to educate people accordingly, including drawing attention to the high fines that can be imposed for the taking of native species
 - Compiling a list of groups that hold flower shows and drafting a letter to them expressing our thoughts on the conservation issues around obtaining orchids for such shows
 - Presenting to school children to educate them on the importance of this aspect of conservation.
 - Education was seen as the key and the committee will work out how best to proceed in this regard, possibly including these matters as part of the group's strategic plan.
- Eddy Wajon had been involved in the following activities:
 - Visit to South West Highway and Walpole, noting that areas along the road about 50 km north of Walpole contained various *Thelymitra* species marked off, including *T jacksonii*, *T macrophylla* and *T benthamiana*. These would be very much at risk as a result of clearing.
 - A meeting with Department of Water and Environmental Regulation (DWER) officers discussing native vegetation clearing, including unlawful clearing and prosecution of the same, excessive/unnecessary lawful clearing, and the need for better assessment of clearing permit applications. As a consequence, the DWER may reject more applications and enforce minimisation/avoidance provisions of the Environmental Protection Act including requiring the applicant to defend the need for clearing.
 - A meeting with MRWA officers in Bunbury on 8 September 2017 to discuss clearing along the South West Highway to protect major Karri Tourist Drive in the Shannon Forest.
 - Appeals prepared in relation to several clearing permit submissions for roadsides in Northam, Esperance, Perenjori, Bridgetown, Goomalling, Narrogin and Toodyay.
 - Attended two CRG meetings in Quairading and Toodyay.

- Lyn Alcock's application for a scholarship to attend the Australasian Road Safety Conference in October in Perth on behalf of our group.
- Margaret Petridis had looked for orchids along the Chillinup Road where there were graded areas. She managed to find about four orchids but large amounts of tree debris had been dumped on the side of the road. Western Power has considerable discretion over the maintenance of road verges, being allowed to eradicate the vegetation completely because of fire risk.
- If members have already seen a threatened species before, we request that they do not visit to see it every year. The regular visits will affect the habitat and ultimately adversely affect the threatened orchid. It is suggested that a list of all threatened species be published in the next Bulletin.

7 GROWER'S TABLE

- Nothing was tabled.

8 GENERAL BUSINESS

- 8.1 *Committee member resignation* – As a result of increased work pressure, Stuart Gale has tendered his resignation from the committee and from editorship of the Bulletin following the publication of the August edition. We thank Stuart for his superhuman efforts to date. Following on from Stuart's resignation, we are asking the for a volunteer to take on the role for the remainder of the year. Interested members should contact a committee member or show their interest at the meeting. Stuart has kindly offered to manage the Group's website.
- 8.2 *Insurance:* – The committee is continuing to evaluate needs and options. Marina Karyagina has drafted a list of risks together with their potential consequences for consideration and suggestions for mitigation. These matters would potentially serve as a reference when approaching potential insurers.
- 8.3 *Speakers* – are being sought for September. It was suggested that one of the ADORP members might like to volunteer.

PRESENTATION: Jay Steer presented on the *Fuscolutea* complex.

RAFFLE DRAW: Jay Steer drew the raffle, the prize being won by David Lawson.

MEETING CLOSE: 9:05 pm

NEXT MEETING: 7:30 pm Wednesday 20 September 2017, BGPA Boardroom, Kings Park



CONSERVATION REPORT

Tim Hodgkins – Conservation Officer

Conservation Officer Report to September 2018 general meeting.

1. **Clearing Notices:** I am following up three recent notices:
 - (a) Shire of Narrogin – expansion of Cemetery
 - (b) Dept of Transport – dumping of dredging spoil Peel estuary eastern side
 - (c) Shire of Dandaragan, Jurien Bay east road – Submission made closed Sept 1st.
2. **Bushmead development (former Rifle Range):** At the recent site meeting Bob Steer and I were met by two representatives of Cedar Woods with whom we looked over the higher areas of the proposed reserve land. Further checking will proceed as the development continues.
3. **Investigation of expansion of Kemerton Buffer Zone:** C/F - Further action after the upcoming field trip gives a better idea of the area.
4. **State Explosives Facility, McLarty:** C/F - Communication with the Shire of Waroona and an application for Reserve status is on the agenda for later in the year.
5. **Mullering Road, Cataby:** Bob Steer is awaiting contact with the local DPaW officer about installation of markers in this and other critical locations in the Shire.
6. **Yilliminning Rock:** Promised works to install bollards has not been carried out yet.
7. **Rare Orchids 2017 project:** More information at the September meeting?
8. **Manea Park:** Graeme Anderson and I plan to meet with the DFES officers later in the year. The other issue that is raised by this action is the potential disappearance of *Thelymitra variegata* from the Swan/Peel/Bunbury region and the action we should take to ensure that this does not happen. Options like seed collection and transplanting should be explored. Andrew Brown has offered some advice on this issue.

This area is also known for another threatened orchid, *Caladenia speciosa*, and there is little doubt that some of these have also been destroyed.

9. **Flynn Drive orchid transplants:** Several buds are appearing at transplant sites at Marangaroo NR and Warwick bushland as reported by Geoff Foley.

Tim Hodgkins – Conservation officer (from Hobart)

Rosters:

	Speaker	Topic	Raffle Prize	Supper
20-Sep	John Hills	ADORP – <i>Thelymitra yorkensis</i> , <i>Caladenia postea</i>	Bob Steer	Robyn Foley
18-Oct	Selected members	"How I became interested in Orchids"	David & Janeanne Cumming	Trish Newmann
15-Nov	Photo competition	Member Photo Competition	Marina Karyagina	Trish Newmann



'TIS HIGH SEASON FOR WA ORCHIDS



Images (clockwise from top left):

Chapman's spider**, Large pansy orchid*, Purple enamel orchid*, Carousel spider*, Primrose spiders*, Vanilla/lemon scented orchid*, Hybrid little pink fairy X cowslip orchid*, Scented sun orchid* and (centre) Pink fairy orchid**

* Image courtesy Pat Richards

** Image courtesy Marina Karyagina

*Thank you for
reading.
Until next month,
Happy Orchid
Hunting*

BULLETIN ARTICLES

Please email any Bulletin contributions to the Editor at wanoscg@gmail.com. Items for the next Bulletin need to be submitted by 11 October 2017.

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